

# DIVERSIFIED GAS & OIL PLC

# Admission to AIM



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This document is an admission document required by the rules of AIM, a market operated by the London Stock Exchange. This document does not constitute an offer to the public in accordance with the provisions of Section 85 of the Financial Services and Markets Act 2000 ("FSMA") as amended by the Prospectus Regulations 2005 and is not a prospectus as defined in the AIM Rules for Companies. Accordingly, this document has not been and will not be examined or approved by the Financial Conduct Authority in accordance with such rules. Copies of this document will be available free of charge to the public during normal business hours on any day (Saturdays, Sundays and public holidays excepted) at the offices of Smith & Williamson Corporate Finance Limited, 25 Moorgate, London, EC2R 6AY for a period of one month from the date of Admission (as defined below).

The Directors, whose names appear on page 5 of this document, accept responsibility, individually and collectively, for all the information contained in this document and for compliance with the AIM Rules. To the best of the knowledge and belief of the Directors (who have taken all reasonable care to ensure that such is the case) the information contained in this document is in accordance with the facts and does not omit anything likely to affect the import of such information. Application has been made to the London Stock Exchange for the Enlarged Share Capital of the Company to be admitted to trading on AIM ("Admission").

AlM is a market designed primarily for emerging or smaller companies to which a higher investment risk tends to be attached than to larger or more established companies. AlM securities are not admitted to the official list of the United Kingdom Listing Authority (the "Official List"). A prospective investor should be aware of the risks of investing in such companies and should make the decision to invest only after careful consideration and, if appropriate, consultation with an independent financial adviser. Each AlM company is required pursuant to the AlM Rules for Companies, to have a nominated adviser. The nominated adviser is required to make a declaration to the London Stock Exchange on admission in the form set out in Schedule Two to the AlM Rules for Nominated Advisers. The London Stock Exchange has not itself examined or approved the contents of this document. It is expected that Admission will take place, and dealings in the Enlarged Share Capital will commence on AlM, on 3 February 2017.

The whole of this document should be read and, in particular, your attention is drawn to the section entitled "Risk Factors" in Part III of this document.

# **DIVERSIFIED GAS & OIL PLC**

(Incorporated and registered in England & Wales under the Companies Act 2006 with registered number 09156132)

Placing of 61,000,000 Ordinary Shares of 1 pence each at 65 pence per share Admission of Enlarged Share Capital to trading on AIM

Nominated Adviser and Joint Broker

Lead Broker





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The Placing Shares and Bond Conversion Shares will, on Admission, rank in full for all dividends or other distributions hereafter declared, made or paid in the ordinary share capital of the Company and will rank pari passu in all other respects with the Existing Ordinary Shares.

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# **PLACING STATISTICS**

| Number of Existing Ordinary Shares  | 44,210,481           |
|---|----------------------|
| Placing Price per Ordinary Share  | 65 pence             |
| Number of Placing Shares  | 61,000,000           |
| Number of Bond Conversion Shares  | 380,769              |
| Enlarged Share Capital on Admission   | 105,591,250          |
| Number of Warrants in issue following Admission   | 3,050,000            |
| Gross proceeds of the Placing   | £39.7 million        |
| Estimated net proceeds of the Placing receivable by the Company                                   | £36.6 million        |
| Market capitalisation of the Company at the Placing Price on Admission                            | £68.6 million        |
| Placing Shares and Bond Conversion Shares expressed as a percentage of the Enlarged Share Capital | 58.1%                |
| AIM ticker  | DGOC                 |
| ISIN for the Ordinary Shares  | GB00BYX7JT74         |
| SEDOL for the Ordinary Shares   | BYX7JT7              |
| Legal Entity Identifier ("LEI")   | 213800YR9TFRVHPGOS67 |
| ISIN for the Bonds  | GB00BSTLK095         |
| NEX Exchange Symbol for the Bonds   | DOIL                 |

Note: Figures are calculated based on a USD:GBP exchange rate of \$1.26 = £1 as at 27 January 2017

# **EXPECTED PLACING AND ADMISSION TIMETABLE**

|   | 2017                     |
|---|--------------------------|
| Publication of this document  | 30 January               |
| Admission effective and expected commencement of dealings in the<br>Enlarged Share Capital on AIM           | 8.00 am on<br>3 February |
| CREST accounts credited with Placing Shares and Bond Conversion Shares (as applicable)                      | 3 February               |
| Expected date of despatch of definitive share certificates (as applicable)                                  | 17 February              |
| Expected date of despatch of cheques to Bondholders in respect of payments under the Cash Alternative Offer | 17 February              |

# Notes:

References to time in this document are to London (GMT) time unless otherwise stated.

If any of the above times or dates should change, the revised times and/or dates will be notified to Shareholders by an announcement on an RIS.

# **DIRECTORS, SECRETARY AND ADVISERS**

### **Directors**

Robert Marshall Post, Executive Chairman
Robert "Rusty" Russell Hutson Jr., Chief Executive Officer
Bradley Grafton Gray, Finance Director & US Chief Operating Officer
David Edward Johnson, Senior Independent Non-executive Director\*
Martin Keith Thomas, Independent Non-executive Director
\*with effect from Admission.

All of the Company's registered office below.

# **Company Secretary**

Cargil Management Services Limited 27/28 Eastcastle Street London W1W 8DH

# **Head Office**

1100 Corporate Drive Birmingham Alabama 35242 USA

# **Lead Broker**

Mirabaud Securities LLP 33 Grosvenor Place London SW1X 7HY

# Legal Adviser to the Company (UK)

Watson Farley & Williams LLP 15 Appold Street London EC2A 2HB

# Legal Adviser to the Placing

Fieldfisher LLP Riverbank House 2 Swan Lane London EC4R 3TT

# **Share Registrar**

Neville Registrars Limited Neville House 18 Laurel Lane Halesowen B63 3DA

# **Registered Office**

27/28 Eastcastle Street London W1W 8DH

# **Nominated Adviser and Joint Broker**

Smith & Williamson Corporate Finance Limited 25 Moorgate London EC2R 6AY

# Legal Adviser to the Company (USA)

Balch and Bingham LLP 1901 Sixth Avenue North Suite 1500 Birmingham, AL 35203-4642 USA

# **Auditors and Reporting Accountant**

Crowe Clarke Whitehill LLP St Bride's House 10 Salisbury Square London EC4Y 8EH

# **Competent Person**

Wright & Company, Inc. Twelve Cadillac Drive Suite 260 Brentwood TN 37027 USA

# **Bond Registrar**

Share Registrars Limited The Courtyard 17 West Street Farnham GU9 7DR

# **DEFINITIONS**

"Admission" admission of the Enlarged Share Capital to trading on AIM becoming effective in accordance with the AIM Rules "AIM" the AIM market of the London Stock Exchange "AIM Rules" together, the AIM Rules for Companies and the AIM Rules for Nominated Advisers "AIM Rules for Companies" the AIM Rules for Companies which govern the admission to trading on and the operation of AIM published by the London Stock Exchange, as amended from time to time the AIM Rules for Nominated Advisers published by the London Stock "AIM Rules for Nominated Advisers" Exchange, as amended from time to time "Articles" the articles of association of the Company following Admission, a summary of which is set out in paragraph 5.2 of Part VIII of this document "Board" or "Directors" the board of directors of the Company, including a duly constituted committee thereof, set out on page 5 of this document "Bond" or "Bonds" the 10,649,884, 8.5 per cent. unsecured bonds due 23 June 2020 constituted by a bond instrument dated 10 June 2015 and issued by the Company at £1 per Bond "Bond Conversion Shares" up to 380,769 new Ordinary Shares to be issued in connection with the Buyback Share Offer "Bondholders" the holders of the Bonds "Buyback Share Offer" the Company's offer to Bondholders (other than Bondholders located in the USA) to buy back their Bonds in consideration for the allotment of new Ordinary Shares, as set out in paragraph 8 of Part II of this document "Cash Alternative Offer" the alternative offer to Bondholders whereby the Company offered to repurchase the Bonds for cash from Bondholders at £1.05 per Bond "City Code" the City Code on Takeovers and Mergers "Company" or "DGO" Diversified Gas & Oil PLC, incorporated and registered in England & Wales with registered number 09156132 and, where the context permits, its subsidiaries Wright & Company, Inc., the competent person in relation to Admission, as "Competent Person" defined by the AIM Rules, and author of the Competent Person's Report "Competent Person's Report" or the report relating to the Company's production assets produced by the "CPR" Competent Person set out in Part VII of this document "CREST" the relevant system (as defined in the CREST Regulations) for the paperless settlement of share transfers and the holding of shares in uncertificated form in respect of which Euroclear UK & Ireland is the operator (as defined

held and transferred in uncertificated form

in the CREST Regulations) in accordance with which securities may be

"CREST Regulations" the Uncertificated Securities Regulations 2001 (SI 2001/3755) as amended from time to time, and any applicable rules made under those regulations "Enlarged Share Capital" the issued share capital of the Company on Admission, including the Existing Ordinary Shares, the Placing Shares and Bond Conversion Shares "Existing Ordinary Shares" the 44,210,481 Ordinary Shares in issue prior to the Placing and the Buyback Share Offer "Euroclear UK & Ireland" or Euroclear UK & Ireland Limited, the Central Securities Depositary for the "Euroclear" UK market and Irish securities and the operation of CREST "Financial Conduct Authority" or the UK Financial Conduct Authority "FCA" "FPO" Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended "FSMA" the UK Financial Services and Markets Act 2000 (as amended) "Group" the Company and its subsidiaries from time to time "HMRC" **HM Revenue and Customs** "IFRS" International Financial Reporting Standards as adopted by the European "London Stock Exchange" London Stock Exchange plc "MAR" or "Market Abuse the EU Market Abuse Regulation (Regulation 596/2014) Regulation" "Mirabaud" Mirabaud Securities LLP the NEX Exchange Limited, a recognised investment exchange under "NEX Exchange" section 290 of FSMA "NEX Exchange Growth Market" the securities market operated by NEX Exchange Limited (formerly known as the ISDX Growth Market) "Nominated Adviser" or Smith & Williamson Corporate Finance Limited "Smith & Williamson" "NYMEX" New York Mercantile Exchange "Official List" the official list of the UK Listing Authority "Ordinary Shares" ordinary shares of £0.01 each in the capital of the Company "Panel" the Panel on Takeovers and Mergers "Placee" those persons subscribing for Placing Shares at the Placing Price pursuant to the Placing "Placing" the conditional placing by Mirabaud and Smith & Williamson on behalf of

the Company of the Placing Shares pursuant to the Placing Agreement

| "Placing Agreement" | the conditional agreement dated 30 January 2017 between the Compa          |  |  |
|---------------------|--|--|--|
|                     | (1), the Directors (2) Smith & Williamson (3) and Mirabaud (4) relating to |  |  |

the Placing, details of which are set out in paragraph 12.10 of Part VIII of

this document

"Placing Price" 65 pence per Placing Share

"Placing Shares" 61,000,000 new Ordinary Shares to be issued at the Placing Price by the

Company pursuant to the Placing

"Relevant Persons" persons who are able lawfully to receive this document in their jurisdiction

"Restricted Jurisdiction" the Republic of Ireland, the United States, Australia, Canada, Japan and

the Republic of South Africa

"Securities Act" United States Securities Act of 1933, as amended

"Shareholders" holders of Ordinary Shares from time to time

"Share Options" share options granted or issued pursuant to the Share Option Scheme

"Share Option Scheme" has the meaning given to that term in paragraph 7 of Part VIII of this

document

"Smith & Williamson" Smith & Williamson Corporate Finance Limited

"UK" or "United Kingdom" the United Kingdom of Great Britain and Northern Ireland

"UK Corporate Governance Code" the UK Corporate Governance Code (formerly the Combined Code) issued

from time to time by the Financial Reporting Council

"UK Listing Authority" the Financial Conduct Authority acting in its capacity as the competent

authority for the purposes of Part VI of FSMA

"US" or "United States" United States of America, its territories and possessions, any state of the

United States and the District of Columbia

"VAT" means value added tax in the UK charged at a rate of 20 per cent. on

taxable good and services

"Warrants" the warrants to be issued to Smith & Williamson and Mirabaud pursuant to

warrant agreements dated 30 January 2017, details of which are set out in

paragraphs 12.17 and 12.18 of Part VIII of this document

"West Texas Intermediate" the underlying commodity of the Chicago Mercantile Exchange's oil futures

contracts

"\$" or "US\$" the lawful currency of the United States

**"£" or "GBP"** the lawful currency of the United Kingdom

# **GLOSSARY**

"barrels" or "bbl" a unit of volume measurement used for petroleum and its products (for a typical crude oil 7.3 barrels (equal to 42 U.S. gallons) = 1 tonne: 6.29 barrels

= 1 cubic metre

"bcf" billion standard cubic feet of natural gas; 1 bcf is approximately equal to

172,414 boe or 23,618 tonnes of oil equivalent

"bcfe" billion cubic feet of natural gas equivalent

"Best Estimate" the middle value in a range of estimates considered to be the most likely.

If based on a statistical distribution, can be the mean, median or mode

depending on usage

"boe" barrels of oil equivalent. One barrel of oil is approximately the energy

equivalent of 5,800 cf of natural gas

"btu" British thermal unit, which is the heat required to raise the temperature of

a one pound mass of water from 58.5 degrees Fahrenheit to 59.5 degrees

Fahrenheit under specific conditions

"development well" a well drilled within the proved area of an oil or gas reservoir to the depth

of a stratigraphic horizon known to be productive in an attempt to recover

proved undeveloped reserves

"dry hole" a well found to be incapable of producing either oil or natural gas in a

sufficient quantities to justify completion as an oil or gas well

"HBP" held by production: a provision in an oil or natural gas property lease that

allows the lessee, to continue drilling activities on the property as long as it is producing a minimum paying amount of oil or gas thereby extending the

lessee's right to operate the property beyond the initial lease term

"mcf" thousand standard cubic feet of natural gas

"mcfe" thousand cubic feet of natural gas equivalent

"mcfd" thousand cubic feet of natural gas equivalent per day

"mbbl" thousand barrels of oil

"mmbbl" millions of barrels of oil

"mmboe" millions of barrels of oil equivalent

"mmbtu" million btus

"natural gas" hydrocarbons that at a standard temperature of sixty degrees Fahrenheit

(60°F) and a standard pressure of one atmosphere are in a gaseous state, including wet mineral gas and dry mineral gas, casing head gas, residual gas remaining after separation treatment, processing, or extraction of liquid

hydrocarbons

"oil equivalent" international standard for comparing the thermal energy of different fuels

"overriding royalty interest" a royalty interest that is carved out of a lessee's working interest under an oil and gas lease "PUD" proven undeveloped reserves

specific rate of return e.g. PV 18 means the present value at a discount rate

the estimated quantities of crude oil, natural gas, and natural gas liquids with geological and engineering data demonstrate with reasonable certainty to be recoverable in future years from known reservoirs under existing

proved reserves that are expected to be recovered from new wells on undrilled acreage, or from existing wells where a relatively major expenditure

the completion for production of an existing well bore in another formation

application of development projects to known accumulations from a given

a subsurface body of rock having sufficient porosity and permeability to store and transmit fluids. A reservoir is a critical component of a complete

deposits of naturally occurring hydrocarbons which, if recoverable, include those volumes of hydrocarbons either yet to be found (prospective) or if found the development of which depends upon a number of factors

lease acreage on which wells have not been participated in or completed to a point that would permit the production of commercial quantities of oil and

conduct oil and gas operations on the property, as well as a right to a share

operations on a producing well to restore or increase production

West Texas Intermediate

"WTI"

# PART I

### **KEY INFORMATION**

The following information is derived from, and should be read in conjunction with, the full text of this document and prospective investors should read the whole document and not just rely on the key information set out below. In particular, attention is drawn to Part III of this document which is entitled "Risk Factors".

- Diversified Gas & Oil PLC offers consistent production and cash flows for Shareholders from its gas and oil
  producing wells located across Ohio, Pennsylvania and West Virginia, within one of the largest oil and gas
  fields in the US, known as the Appalachian Basin.
- The Group's assets provide:
  - predictable and consistent production profile
  - a typical life span of over 50 years
  - proven low decline rates
  - low operational costs
  - low operational risks and production concentration
- DGO has total proved reserves of approximately 144,343.7 mcfe (27.9 mmboe). The Company has a further 21,685.3 mcfe (3.8 mmboe) of proven undeveloped reserves. Current daily gas production is running at approximately 26,000 mcfd and oil production is approximately 475 bopd.
- The Company has grown rapidly over the last two years, capitalising upon opportunities to acquire conventional, low risk oil and gas producing assets from larger US public and private exploration and production ("E&P") companies who are selling conventional assets to focus their investment capital on shale development and from small, family run companies.
- Critical to the larger shale E&P companies is that buyers of their conventional assets are themselves proven
  and competent operating companies because the continuation of production from the conventional assets,
  protects the future drilling opportunity for the deeper shale formations by preserving the terms of the operating
  licence. Failure to maintain production would jeopardise the rights to the deeper shale assets retained by the
  E&P vendors.
- As a specialist operator of these conventional gas and oil assets, DGO is able to identify operational cost savings and to improve production efficiency in areas often overlooked by the larger operators.
- The Company intends to continue its growth strategy through the acquisition of proven producing assets in and around its current areas of operation.
- The Directors intend to adopt a progressive dividend policy to reflect the expectation of future cash flow generation and long-term earnings potential of the Group. The Board intends that not less than 40 per cent of operating free cash flow will be paid to Shareholders by way of a dividend.
- The Company has an experienced management team with proven ability to drive operational efficiency, creating opportunities for additional value for Shareholders even in a low commodity price cycle. The Directors have a successful track record of sourcing, financing and closing acquisitions.

### **PART II**

### INFORMATION ON THE COMPANY AND THE GROUP

### 1. Overview

Diversified Gas & Oil PLC owns and operates approximately 7,500 gas and oil producing wells in the Appalachian Basin in the northeastern United States. The Company has grown rapidly over the last two years, capitalising upon opportunities to acquire conventional, low risk oil and gas producing assets from larger US exploration and production companies which are today focused increasingly upon the opportunities from unconventional shale production as well as from small, family run companies. The Company is well positioned to acquire further conventional assets. The Group's gas and oil production in the six months to 30 June 2016 was 2,571,315 mcfe, up from 775,665 mcfe in the same period for 2015. Revenues for the six months to 30 June 2016 were \$7.6 million (2015: \$2.9 million) and for the nine months to 30 September 2016 were \$13.4 million (2015: \$4.8 million).

The Company's operations are based entirely in the neighbouring states of Ohio, Pennsylvania and West Virginia, within one of the largest oil and gas fields in the US, known as the Appalachian Basin.

The Group began trading in 2001. DGO has a head office in Birmingham, Alabama and was incorporated in England and Wales as a public limited company on 31 July 2014 by its founders, Robert "Rusty" Hutson Jr. and Robert Post.

Detailed information on the Group's assets is set out in this Part II and the Competent Person's Report in Part VII of this document.

# 2. Background on the Group

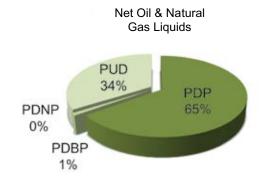
DGO's activities comprise the development and operation of conventional oil and natural gas assets in the United States. The Group has grown significantly since its formation in 2001, primarily through the acquisition of operating assets with some drilling of existing leases. The Group has an experienced operating team managing all of the wells internally.

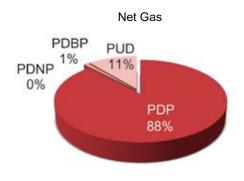
The Group operates approximately 7,500 conventional gas and oil producing wells across Ohio, Pennsylvania and West Virginia. The Group has 1,033,500 acres under lease which are all held by production ("HBP"). HBP means that the lease does not expire as long as the land is still producing.

DGO has total proved reserves of oil of approximately 2,271 mbbl (1,470 producing) and gas reserves of approximately 153,695 mcf (135,402 producing). Current daily gas production is running at approximately 26,000 mcfd and oil production is approximately 475 bopd. Since incorporation in 2001, the Group has never drilled a non-producing well.

The Company continues to invest in the appropriate capital infrastructure both at the well head, through the extensive network of Company owned pipeline, and at pumping and compression sites. DGO's operational structure enables it to generate significant operating free cash flow, even in the current low energy price environment, with an average operating cost equivalent to \$9.53/boe.

# Group Total Proved Reserves by Category<sup>1</sup>





<sup>&</sup>lt;sup>1</sup> Competent Person's Report - page 110, Part VII

The Group operates within the Appalachian Basin, an area of the northeastern US that underlies ten states including Ohio, Pennsylvania and West Virginia.



The Appalachian Basin covers an area of some 185,000 square miles. Whilst the area has come to prominence in recent years following the discovery of significant shale gas reserves since 2009, known as the Marcellus Shale, it has been a major producer of oil and gas from conventional vertical well development since the late 19th century.<sup>2</sup>

The depositions for the Appalachian Basin are the erosional sediments from the once Acadian Mountains into the lower basin. The basin was limited to the west by an uplift in rock formation from the Late Ordovician and through the Devonian period known as the Cincinnati Arch. As the mountains eroded over time, the sediment was deposited in the basin with alternating layers of carbonates, limestones, sandstone, siltstone, and shale intervals.<sup>2</sup>

The beginning of the oil and gas industry started in 1859 with the discovery of oil in the Edwin Drake well located in northwestern Pennsylvania. Oil in this well was produced from the Upper Devonian sandstone at a depth of approximately 70 feet. This discovery well opened a trend of oil and gas fields producing from the Upper Devonian, Mississippian, and Pennsylvanian sandstones across many parts of the states of Kentucky, New York, Ohio, Pennsylvania and West Virginia.<sup>2</sup>

The Group expects to continue to focus the majority of its operations in this area, although future acquisitions may fall outside of the three states in which it currently operates.

The Company has a track record of sourcing, financing and closing acquisitions. Since September 2014, the Company has completed five acquisitions with an aggregate consideration of \$16 million. These acquisitions have added significant production volume and cash flows.

The Company intends to continue to capitalise on the current investment opportunities and the Directors are confident that there are numerous opportunities for further acquisitions. The Company is currently evaluating three acquisition opportunities which have gas assets producing between 1,400 mcfd and 3,200 mcfd, and oil assets producing between 80 bopd and 170 bopd.

# Pricing Strategy

The Company has the experience to deal with the issues caused by the movement in oil and gas prices, which can be influenced by other global trends as well as local supply and demand factors. To protect its revenue, the Group utilises hedging strategies as well as forward fixed pricing purchase contracts with natural gas purchasers. The Board maintains a careful review of US oil and gas prices and takes a commercial view when setting its hedging strategy. Although disadvantageous in periods of price inflation, the Directors believe that active and effective hedge strategies create the advantage of a more predictable income flow, which is beneficial to the Group and Shareholders.

The Group has entered into a variety of hedging and fixed price sale contracts for oil and gas production providing a degree of downside protection on 2017 revenues. Through financial hedges, the Group has hedged approximately

<sup>&</sup>lt;sup>2</sup> Competent Person's Report - pages 92 and 93, Part VII

43% of its commodity price exposure for gas production and 62% of its price exposure for oil production for 2017. Through fixed price contracts, the Group has protected approximately 55% of its net market price received for gas production in 2017. The Group does not enter in to fixed price contracts for its oil production. The combination of financial hedges and fixed price contracts for gas provides the Group with price protection on a large majority of its gas production for 2017. DGO's operational structure enables it to generate significant operating free cash flow, even in the current low energy price environment, with an average operating cost equivalent to \$9.53/boe.

### Distribution

The Group operates all of its own wells and is a consistent oil and gas producer with M&A experience. The Appalachian Basin represents a proven low cost, mature oil and gas-producing region which has been successfully exploited since 1859 and which borders five US states including New York. As such, in the opinion of the Directors, delivering the Group's product to market is relatively straightforward and low cost.

The Group sells natural gas directly into the local market. The Group's customers are large regional utility companies and pipeline marketing companies that have operated in the Group's markets for extensive periods. The Group's customers have been purchasing natural gas from the Group's producing assets for numerous years. The Group's producing wells have direct connections into the gathering pipeline systems of these large regional utilities and pipeline companies.

A majority of the Group's gas production is sold at a fixed price to the Group's largest buyer. The price for the sale of natural gas is a blended rate of this fixed rate and the current NYMEX index price. Revenues are received 30 to 60 days following the gas entering the local transmission pipelines. A supply relationship with the Group's largest buyer has been in existence for multiple years. The Group also sells natural gas to other large local natural gas utility companies.

Oil is sold by the Group to local distributors who collect the oil from production sites by way of collection vehicles and then sell on to the local oil refineries. Revenue is recognised at collection when the responsibility for the product is transferred to the distributor. Pricing for crude oil sales is typically determined based on the market price of West Texas Intermediate crude oil (WTI) for the day the oil is collected.

# Geographical spread of operations - Appalachian Basin



# **Reserves and Potential**

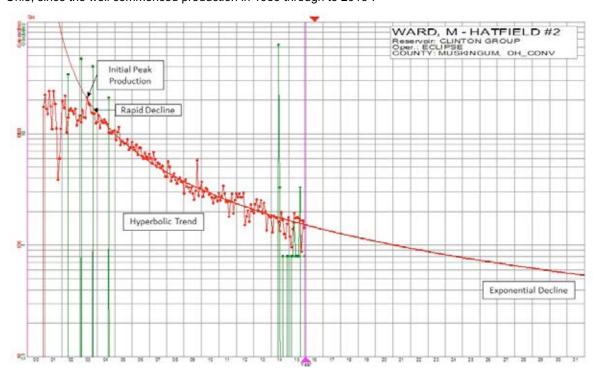
Since 2009, the primary target of the Appalachian Basin for most companies operating in the area has been the horizontal drilling of the Marcellus and the Utica shale formations. These horizontal wells have very long laterals and allow more contact with the reservoirs. Very large hydraulic fracture treatments are needed in order to make these commercial.

Conversely, DGO's core focus has continued to be conventional production in the Appalachian Basin from the established conventional vertical wells. Almost all of the properties owned and/or operated by DGO are vertical wells. The wells are shallow at depths ranging from 2,200ft to 6,000ft. A number of the DGO wells are completed in multiple formations and production is commingled in the wellbore. Most of these properties may have additional

productive formations up-hole from the existing producing formations, which may allow for future completion opportunities. These assets have been reported upon by Wright & Co in the Competent Person's Report set out in Part VII of this document. In the opinion of Wright & Co. drilling and recompletion opportunities are relatively low-risk, due to the geology and the extensive mapping of the formations<sup>3</sup>. Drilling is relatively straight forward, quick to execute and low cost with wells costing approximately \$200,000 to \$300,000 each. During the last ten years, DGO has successfully drilled over 150 producing wells with no dry holes<sup>4</sup>.

The production profiles of the wells across these formations demonstrate very similar characteristics. Most of these formations produce gas and/or oil on a hyperbolic curve with an initial rapid decline followed by gradual decline of production for a very long time<sup>5</sup>. This enables the Company to predict and plan with a high level of confidence the future production profile of its producing assets.

The following chart illustrates production flow rates at the Company's Hatfield number 2 well in Ashtabula County, Ohio, since the well commenced production in 1985 through to 2015<sup>6</sup>:



A majority of the wells should have production lives of at least 50 years, with some lasting in excess of 80 years7.

Total proved reserves for the Group as at 1 December 2016 comprise:

| Net oil reserves                 | 2,271.6 mbbl   | 2,271.6 mboe  |
|----------------------------------|----------------|---------------|
| Net gas reserves                 | 153,695.2 mmcf | 25,415.8 mboe |
| Net natural gas liquids reserves | 20.3 mbbl      | 20.3 mboe     |
| Total                            |                | 27,707.7 mboe |

Source: Competent Person's Report, page 86, Part VII

The valuation of the total proved reserves, on a 10 per cent cumulative discounted basis as calculated by Wright & Co, is \$125 million, as set out on page 86 of the CPR in Part VII of this document.

The CPR valuation is based only on proved reserves and does not take into account the further probable or possible reserves of the Group.

The Group has an overall average working interest in its properties of approximately 95 per cent. and the overall average net revenue interest is approximately 83 per cent. The average royalty rate is approximately 12.6 per cent.

<sup>&</sup>lt;sup>3</sup> Competent Person's Report - page 96, Part VII

<sup>&</sup>lt;sup>4</sup> Competent Person's Report - page 96, Part VII

<sup>&</sup>lt;sup>5</sup> Competent Person's Report - page 97, Part VII

<sup>&</sup>lt;sup>6</sup> Competent Person's Report - page 98, Part VII

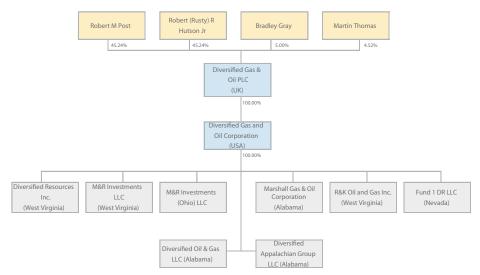
<sup>&</sup>lt;sup>7</sup> Competent Person's Report - page 97, Part VII

# 3. Group Structure and History

### 3.1 Group structure

The Company's Existing Ordinary Shares are owned entirely by the Directors. As at the date of this document and prior to Admission, 45.4 per cent. of the Company is owned by Rusty Hutson Jr, 45.4 per cent. by Robert Post, 5.00 per cent. by Bradley Gray (subject to the restrictions set out in paragraph 12.22 of Part VIII of this document) and 4.52 per cent. by Martin Thomas.

The corporate structure of the Group as at the date of this document is as follows:



Source: Diversified Gas & Oil

# 3.2 History and Development of the Group

The following timeline sets out the history and development of the Group from 2001 to date:

# 2001 Acquisition of West Virginian gas and oil company

Rusty Hutson Jr. began the business as a West Virginian oil and natural gas production company, whilst still working for a large financial institution in Birmingham, Alabama.

# 2003 Partnership through combination of drilling and acquisitions

Robert Post partnered with Rusty Hutson Jr. Together they continued to expand the business within West Virginia, through a combination of drilling existing leases and the acquisition of operating assets.

# 2003-2008 Drilling activity funding

The Group drilled a number of wells at a cost ranging from \$150,000 to \$350,000 per well. DGO's capital for the drilling of the wells was funded by Robert Post and Rusty Hutson Jr. personally and supplemented by bank financing.

# 2006 Asset acquisition

Rusty Hutson Jr. and Robert Post acquired the assets of Diversified Resources, Inc. in West Virginia, paying \$5.2 million for 100 wells and several hundred acres of drilling leases, forming the branded name of "Diversified".

# 2009 Well production

The Group's operations totalled 237 wells, producing 2,700 mcfe per day of natural gas in West Virginia.

# 2010 Acquisitions and geographical expansion

The Group expanded into Ohio by acquiring the conventional assets of AB Resources for \$14.5 million. The acquisition added over 700 wells to the Group's portfolio, approximately 1,600 mcfe per day, and around 35,000 acres of conventional drilling. The Group employed 6 additional members of staff to provide infrastructure support to its geographical expansion. This acquisition was followed by the \$5.2 million acquisition of Deep Resources Inc., resulting in an additional 321 wells and 83 net barrels of oil per day in Ohio.

# 2014 Fund 1 acquisition and further expansion

The acquisition of Operated Equity Investment ("Fund 1") was completed in September 2014. The transaction included the acquisition of 316 conventional oil and gas producing wells in West Virginia and an equity interest in four horizontal Marcellus wells drilled and operated by Antero Resources. The purchase price was \$4.3 million.

# 2015 Acquisition of Broadstreet Energy and Texas Keystone assets

In June 2015, the Group acquired 732 conventional natural gas and oil wells from Broadstreet Energy based in Ohio. The total consideration paid amounted to \$2.6 million, which comprised cash of \$600,000 and a short-term loan note of \$2 million.

In November 2015, the Group acquired 1,709 conventional natural gas and oil wells and two buildings in Pennsylvania and West Virginia in addition to equipment and automobiles from Texas Keystone Inc. As part of and in connection with this Keystone transaction, between December 2015 and January 2016, the Group also acquired certain overriding royalty interests in these wells and the Indiana, Pennsylvania real estate from Falcon Partners Trust and acquired certain of the leases and wells (including working interests and net revenue interests) related to those wells from Keystone Energy Oil & Gas, Inc. The total collective consideration paid in these transactions amounted to \$725,000.

# 2016 Acquisitions of Eclipse Resources and Seneca Resources

In April 2016, the Group acquired approximately 1,300 conventional natural gas and oil wells in Ohio, in addition to equipment, from Eclipse Resources. The total consideration amounted to \$4.8 million.

In June 2016, the Group acquired 2,200 conventional natural gas and oil wells, in addition to pipeline assets, located in Pennsylvania from Seneca Resources. The total consideration paid amounted to \$3.55 million.

### 4. The Investment Opportunity

DGO represents a unique investment opportunity within the E&P sector of the US oil and gas industry. As many US oil and gas investments are primarily focused on companies searching for revenues from new shale formation drilling prospects, DGO differentiates itself by offering existing, consistent production and cash flows for Shareholders. Additionally, DGO's growth strategy, which is the acquisition of proven production at historically low valuations, provides an attractive investment upside for increasing dividend yields and capital price appreciation.

The Directors believe that there are a numbers of factors which differentiate DGO from other companies in the market:

- Actual cash flow and strong EBITDA margins create opportunities with a commitment from the Board to return
  not less than 40 per cent. of operating free cash flow to Shareholders by way of a dividend.
- Larger public and private E&P companies are selling conventional assets to focus their investment capital on shale development.
- Due to the importance of continuation of production by a competent operator, sellers are less price sensitive for asset sales, thus creating value purchase opportunities for DGO. The larger US shale E&P companies are seeking buyers for their conventional assets that are proven and competent operators. The competency of the buyer is an important factor for these companies because the continuation of production from the conventional assets protects the future drilling opportunity for the deeper shale formations retained by the E&P vendors.
- DGO has a successful track record for safely operating acquired wells whilst also successfully integrating assets and employees into its existing operations.
- DGO has a successful track record of sourcing, financing and closing acquisitions. Only a small number of operators in the region have shown the sophistication or ability to execute these larger transactions.
- DGO's experienced management team and its proven ability to drive operational efficiency creates opportunities for additional value in a low commodity price cycle.
- DGO's assets have the following attributes:

- predictable and consistent production profile
- typical life span of over 50 years
- proven low decline rates
- low operational costs
- minimal operational risks and production concentration
- The Group has 1,033,500 acres under lease which are all HBP. This expansive leasehold interest provides DGO the flexibility to develop new production through drilling at favourable rates of return when the commodity price cycle improves.

### 5. Global and US Energy Market

Consumption of natural gas worldwide is projected to increase from 120 trillion cubic feet (tcf) in 2012 to 203 tcf in 2040 in the International Energy Outlook 2016 ("IEO2016") Reference case. By energy source, natural gas accounts for the largest increase in world primary energy consumption. Abundant natural gas resources and robust production contribute to the strong competitive position of natural gas among other resources. Natural gas remains a key fuel in the electric power sector and in the industrial sector. In the power sector, natural gas is an attractive choice for new generating plants because of its fuel efficiency. Natural gas also burns cleaner than coal or petroleum products, and as more governments begin implementing national or regional plans to reduce carbon dioxide (CO2) emissions, they may encourage the use of natural gas to displace more carbon-intensive coal and liquid fuels.

World consumption of natural gas for industrial uses is projected to increase by an average of 1.7% per year, and natural gas consumption in the electric power sector increases by 2.2% per year, from 2012 to 2040 in the IEO2016 Reference case. The industrial and electric power sectors together account for 73% of the total increase in world natural gas consumption, and they account for about 74% of total natural gas consumption through to 2040.

Annual natural gas consumption in the OECD Americas region rises steadily to 40.1 tcf in 2040, including increases of 1.0 tcf from 2012 to 2020 (0.4%/year) and 7.3 tcf from 2020 to 2040 (1.0%/year). The OECD Americas region accounts for 41% of the total increase in natural gas use by OECD countries and 13% of the increase in total world natural gas consumption over the projection period.

The United States is the world's largest consumer of natural gas which leads the OECD Americas region in annual natural gas consumption with growth forecast to increase of 4.2 tcf from 2012 to 2040, or 51% of the region's total increase. With implementation of the proposed Clean Power Plan regulations in the United States ("CPP"), U.S. natural gas consumption could be 1.7 tcf higher in 2020 compared to the IEO2016 Reference case. Most of the increase in natural gas consumption is expected to occur in the electric power sector as a substitute for coal-fired generation.

From 2020, the effect of the CPP on natural gas use in the power sector is projected to decrease as generation from renewable energy increases. In 2040, projected U.S. natural gas consumption is 1.0 tcf lower with the CPP than in the IEO2016 Reference case. Effects of the final CPP on natural-gas-fired generation will depend on natural gas prices, renewable technology costs and state-level implementation decisions. An increase in natural gas use through 2040 is certainly possible in scenarios with low gas prices and the implementation of political strategies that favour natural gas.

# 6. Competition

The USA has an extremely developed oil and gas production and distribution market. The Group has many competitors locally who sell products into the oil and gas market. Given the larger exploration and production companies have moved away from conventional assets, the Group's competition comes from smaller independent businesses. However, the Board believes that the Group's steady supply and industry relationships puts it in a strong position with buyers and the Group's funding position following Admission will give it a competitive advantage. The competition to sell natural gas into the market is affected by the ability of the pipeline distribution companies to acquire "firm" transportation within the market. DGO has purchased "firm" transportation on a percentage of its natural gas production ensuring a market for the monthly production. Any natural gas production that is not under a firm transportation contract can be shut-in if a market is not available for the gas production on any given day. However, DGO has not experienced any shut-ins of its production in 13 years of operations for anything other than line repairs and maintenance.

The acquisition and divestiture of assets in the Appalachian Basin is highly fluid with high levels of corporate and asset level transactions taking place. The larger exploration and production companies have, or are, moving away from conventional assets. Competition for conventional assets is therefore from smaller independent businesses, such as Key Oil Co in West Virginia and Artex Oil Company in Ohio. Additionally, the Appalachian Basin market

is also seeing some acquisitive activity from smaller public entities such as EnerVest Ltd and Carbon Natural Gas Company.

Having made numerous acquisitions, the Board believes that the Group's proven acquisition and operating track record means that DGO is well positioned to attract those owners of operating assets across the northeastern area of the Appalachian Basin seeking to release value within their conventional assets, while preserving their rights to the deeper Marcellus Shale reserves.

The scale of the Group's operations makes it an attractive local partner. In the market, acquisition targets are currently being valued at significant discounts of future cash flows and exclude any potential value from increased production achieved from well work-overs and re-pressurisations. As such, the Board believes that should future acquisitions be completed, increases in production resulting from focused operational improvements should enhance the value of the acquired assets.

# 7. Business Strategy

The Company's strategy for growth includes (i) acquisition and consolidation of other oil and gas producing assets, (ii) driving further expense leverage, (iii) improving the productivity of existing wells and (iv) further in-fill drilling of its current acreage position as and when commodity prices recover and drilling becomes economically viable.

# **Acquisition and Consolidation Strategy**

The recent advances in shale production have caused a significant shift in emphasis of many investors and companies in mainland USA. The drive for shale investment has resulted in conventional gas and oil opportunities becoming available at reasonable prices. The Board believes these opportunities will continue as energy prices remain in the current trading range, which will help drive DGO's acquisition strategy.

The market in which the Group currently operates is separated into two distinctive segments:

- small family run companies which have been exposed to declining returns from depressed energy prices and lack economies of scale; and
- large energy groups with an increasing focus upon shale reserves, who are seeking to reduce operating expenses and concentrate resources upon their shale extraction activities.

Initially the Board's focus was on the small operations which were of limited interest to other industry aggregators, considered too small or too expensive for the other independent oil and gas operating companies. The Board recognised value in these "unloved" opportunities and was able to exploit the Group's relationship as a local "competitor" to secure such opportunities. More recently, the Board has focused on acquiring larger packages of conventional wells from the established US oil and gas operating companies which are today focused increasingly upon the opportunities elsewhere from unconventional shale production.

This focus by the majors on unconventional shale production and the general change in market conditions has led to the Board seeing acquisition and investment opportunities with significantly better economics than in previous years.

The present value ("PV") discount rate on which the Group previously acquired assets was approximately 10%, with additional payments for acreage around the well, if there were further drilling opportunities. Similar opportunities are now trading at a PV discount rate of 20% or greater with no value assigned to undeveloped acreage.

After purchasing existing conventional wells, the Group accelerates or extends production by deploying new extraction technology and/or refreshing decayed infrastructure on poorly maintained wells. Wells that are in production for over 2 years (mature wells) have an average 3-5% annual decline rate. The Group accelerates or extends production by repairing lines, recompleting wells, reconnecting wells, adding compression and/or placing wells on a swab schedule.

# **Drilling Strategy**

The Board also believes that the Group's current acreage position has potential for horizontal development in the conventional formations. This opportunity has been tested in other areas of the Appalachian Basin. As the technology continues to develop, the Board will review this opportunity for future development of reserves. The Group has not drilled since 2014 and has no current intention to pursue a drilling strategy whilst focusing on acquisitions. However, as and when commodity prices recover and drilling becomes economically viable, the Group will evaluate its drilling strategy.

The NYMEX gas price has traded in the range of \$2.55 and \$3.93/mcf in the last six months. Increases in average long term gas prices will present opportunities for the Company to infill drill its reserves. The Directors believe a new well can generate an internal rate of return ("IRR") of up to 20% at current price levels, as prices increase, the IRR will improve. The Board estimates that if gas prices increase to over \$3.50/mcf the average IRR per new well could reach 30% at which level the well should repay the initial investment within two to three years.

Given the Group's recent acquisitive focus, further technical work will need to be completed to establish the value of the Group's undeveloped acreage.

### 8. Funding structure

### Bank Facilities

The Group currently has in place a \$25 million senior credit facility with CrossFirst Bank collateralised with certain of the assets of the Group (the "CrossFirst Facility"). As at the date of this document, the balance outstanding on the CrossFirst Facility was \$2 million. The Directors intend to repay this \$2 million balance, following Admission, from the proceeds of the Placing. The CrossFirst Facility has an expiration date of 30 June 2017 and will continue to be available to the Group on the current terms up to this date. The interest rate on the CrossFirst Facility is The Wall Street Journal prime rate plus 50 basis points. Interest is paid monthly with no required principal reduction.

The Directors continue to pursue alternative senior credit options with multiple financial institutions and anticipate the approval of a new facility collateralised with all of the producing assets of the Group prior to the expiration of the existing CrossFirst Facility. The Group intends to use the CrossFirst Facility and/or the subsequent anticipated new facility for acquisition funding as well as working capital requirements.

Should the Group be unable to either extend the existing CrossFirst Facility beyond 30 June 2017 or find alternative financing from other lenders, the Directors are of the opinion that the working capital available to the Group at that date will be sufficient to repay any remaining balance owing on the CrossFirst Facility.

The Group has in place total borrowings, as at the date of this document, of approximately \$41 million (which amount includes the balance outstanding under the CrossFirst Facility) and as more fully summarised in note 16 of Part V(C) of this document. The Group intends to repay approximately \$39.5 million, following Admission, from the proceeds of the Placing (as more fully set out in paragraph 10 of this Part II).

# Bonds

On 24 June 2015, the Company issued £565,944, 8.5% unsecured bonds (due 24 June 2020) which were listed on the NEX Exchange Growth Market (formerly the ISDX Growth Market). The proceeds of the Bonds were used to purchase oil and gas producing assets in Ohio, reduce high yield debt and provide alternative sources of funding for acquisitions as part of the Group's wider growth strategy.

The Company issued additional Bonds to support four of the acquisitions made since June 2015. As at the date of this document the Group has issued £10,649,884 of Bonds. Following the announcement on 8 November 2016 on NEX Exchange of the proposed Placing and Admission, trading in the Bonds was suspended.

Under the terms of the Bond Instrument, if the Ordinary Shares are admitted to trading on AIM (or any other recognised investment exchange), the Company is required at the time of Admission to make an offer to all Bondholders to buy back and cancel all Bonds in issue and the consideration payable for the Bonds shall be satisfied by the allotment to Bondholders of new Ordinary Shares at a discount of 20% to the Placing Price at the time of Admission. The Bondholders are free to accept or reject such Buyback Share Offer. Consequently, on 16 November 2016 the Company made the Buyback Share Offer to all Bondholders (other than Bondholders in the United States). Simultaneously, the Company also made the Cash Alternative Offer whereby the Company offered to repurchase the Bonds for cash from Bondholders at a price of £1.05 per Bond.

Bondholders could elect to accept (i) the Buyback Share Offer (if located outside of the United States) in respect of all of their Bonds or (ii) the Cash Alternative Offer in respect of all of their Bonds. If a Bondholder did not accept either the Buyback Share Offer or the Cash Alternative Offer in respect of all of their Bonds, the Company shall not be obliged to redeem any of the outstanding Bonds until the final redemption date provided for in the Bond Instrument, being 24 June 2020.

Acceptances received by the Company under the Buyback Share Offer and the Cash Alternative Offer were as follows:

|                        | Number of Bonds (£) | Percentage of Bonds |
|------------------------|---------------------|---------------------|
| Buyback Share Offer    | 198,000             | 1.86%               |
| Cash Alternative Offer | 10,345,244          | 97.14%              |
| Outstanding Bonds      | 106,640             | 1.00%               |
|                        | 10,649,884          | 100.00%             |

As at the date of this document, Robert Post and Rusty Hutson Jr. each hold £216,000 of Bonds. Conditional on Admission, both Robert Post and Rusty Hutson have accepted the Cash Alternative Offer described above, in relation to all of their Bonds.

The Cash Alternative Offer will be funded from the proceeds of the Placing on Admission. As a result of the Buyback Share Offer, 380,769 Bond Conversion Shares shall be issued on Admission. Given the level of acceptances received under the Buyback Share Offer, the Company has waived the condition contained within the Buyback Share Offer, that any Bondholder accepting the Buyback Share Offer shall agree that they will only dispose of any interests in their Bond Conversion Shares, for a period of 18 months following Admission through Mirabaud, in order to maintain an orderly market in the Ordinary Shares.

Application has been made to the London Stock Exchange for the Bond Conversion Shares to be admitted to trading on AIM. It is expected that Admission shall become effective and that dealings shall commence on 3 February 2017.

Bondholders accepting the Buyback Share Offer or Cash Alternative Offer have been paid the interest payment due on the Bonds relating to the quarter ended 31 December 2016, however, no interest will be paid to Bondholders accepting either the Buyback Share Offer or the Cash Alternative Offer in respect of future periods following 1 January 2017.

For those Bondholders who accepted the Buyback Share Offer, share certificates will be sent by first class post at the risk of the Bondholder within 10 business days of Admission.

For those Bondholders who accepted the Cash Alternative Offer, cheques will be sent by first class post at the risk of the Bondholder, within 10 business days of Admission.

It is intended that the 106,640 outstanding Bonds will be withdrawn from the NEX Exchange upon Admission and no alternative arrangements for dealing or trading in the outstanding Bonds will be arranged by the Company.

# 9. Selected Financial Information

The table below shows the selected key historical financial information for the three years ended 31 December 2015 and the six months ended 30 June 2016 extracted without material adjustment from the historical financial information on the Company contained within Part V of this document, together with the unaudited management information for the nine months ended 30 September 2016.

| Summary income statements                                    | For the year<br>ended<br>31 December<br>2013<br>(Audited)<br>\$'000 | For the year<br>ended<br>31 December<br>2014<br>(Audited)<br>\$'000 |         | For the<br>6 months<br>ended<br>30 June 2016<br>(Unaudited)<br>\$'000 | For the<br>9 months<br>ended<br>30 September<br>2016<br>(Unaudited)<br>\$'000 |
|--|---|---|---------|---|---|
| Revenue  | 5,169   | 7,358   | 6,304   | 7,653   | 13,350  |
| Cost of sales  | (2,751)   | (3,559)   | (4,251) | (6,227)   | (9,852)   |
| Gross profit before depreciation, depletion and amortization | 2,418   | 3,799   | 2,053   | 1,426   | 3,498   |
| Depreciation, depletion and amortization                     | (2,308)   | (2,160)   | (3,388) | (507)   | (2,042)   |
| Gross profit   | 110   | 1,639   | (1,335) | 919   | 1,456   |
| (Loss)/gain on derivative financial instruments              | (115)   | 1,091   | 402     | (308)   | 76  |
| Loss on disposal of property, plant and equipment            | -   | (7)   | (2)     | -   | -   |
| Other income   | -   | -   | -       | -   | 15  |
| Administrative costs   | (557)   | (971)   | (1,016) | (887)   | (1,235)   |
| Operating (loss)/profit before non-recurring items           | (562)   | 1,752   | (1,951) | (276)   | 312   |
| Finance income   | 1   | -   | -       | -   | -   |
| Accretion of decommissioning provision                       | -   | (170)   | (366)   | (223)   | (425)   |
| Finance costs and finance costs accrued                      | (2,266)   | (2,734)   | (4,102) | (1,371)   | (2,438)   |
| Potential initial public offering charges                    | -   | -   | (576)   | -   |   |
| Loss before taxation before non-<br>recurring items          | (2,827)   | (1,152)   | (6,995) | (1,870)   | (2,551)   |
| Non-recurring items:   |   |   |         |   |   |
| Gain on bargain purchases                                    | -   | 914   | 6,582   | 24,212  | 24,212  |
| Gain on debt cancellation                                    | -   |   | -       | 14,149  | 14,149  |
| Loss before taxation   | (2,827)   | (238)   | (413)   | 36,491  | 35,810  |
| Taxation   | -   | _   | -       |   |   |
| Loss after taxation  | (2,827)   | (238)   | (413)   | 36,491  | 35,810  |

| Statement of financial position (extracts) | As at<br>31 December<br>2013<br>(Audited)<br>\$'000 | As at<br>31 December<br>2014<br>(Audited)<br>\$'000 |         | As at<br>30 June 2016<br>(Unaudited)<br>\$'000 | As at<br>30 September<br>2016<br>(Unaudited)<br>\$'000 |
|--|---|---|---------|--|--|
| Cash and cash equivalents                  | 312   | 34  | 90      | 20   | 37   |
| Borrowings                                 | 28,609  | 34,365  | 42,936  | 38,786   | 37,219   |
| Total assets                               | 29,405  | 34,440  | 46,487  | 86,253   | 84,472   |
| Net assets/(liabilities)                   | (5,056)   | (7,337)   | (8,817) | 27,739   | 27,062   |

Trading for the nine months to 30 September 2016 reflects the impact from the acquisitions of Eclipse Resources and Seneca Resources.

# 10. Details of the Placing and Use of Proceeds

The gross proceeds of the Placing, being \$50.0 million (approximately £39.7 million), will be used for the repurchase of Bonds, repayment of existing debt facilities, costs of Admission and working capital requirements of the Group, as follows:

|                     | £ million | \$ million |
|---------------------|-----------|------------|
| Repurchase of Bonds | 10.9      | 13.7       |
| Debt repayment      | 21.0      | 26.4       |
| Working capital     | 4.8       | 6.1        |
| Costs of Admission  | 3.0       | 3.8        |
| Total               | 39.7      | 50.0       |

The Company has conditionally raised £39.7 million (\$50.0 million), before expenses (£36.6 million (\$46.1 million) net of expenses) through the Placing being undertaken by Mirabaud and Smith & Williamson of 61,000,000 Placing Shares at 65 pence per Placing Share. The Placing Shares will represent approximately 57.7 per cent. of the Enlarged Share Capital on Admission.

On 30 January 2017, the Company, the Directors, Mirabaud and Smith & Williamson entered into the Placing Agreement pursuant to which Mirabaud and Smith & Williamson agreed, subject to certain conditions, to use their reasonable endeavours to procure subscribers for Placing Shares pursuant to the Placing. Under the Placing, the Placing Shares have been conditionally placed with institutional and other investors.

David Johnson has subscribed for 50,000 Placing Shares. Immediately following Admission, the Board and their immediate families are expected to hold in aggregate 44,260,481 Ordinary Shares amounting to approximately 41.9 per cent. of the Enlarged Share Capital on Admission.

The Placing is subject to the satisfaction of certain conditions contained in the Placing Agreement, including Admission occurring on or before 3 February 2017 (or such later date as Mirabaud, Smith & Williamson and the Company may agree, being not later than 17 February 2017). The Placing Agreement contains provisions entitling Mirabaud and Smith & Williamson to terminate the Placing (and the arrangements associated with it) at any time prior to Admission in certain circumstances. If this right is exercised, the Placing will lapse, any monies received in respect of the Placing will be returned to applicants without interest and Admission will not occur.

The Placing Shares will rank, on issue, pari passu in all respects with the Existing Ordinary Shares of the Company including the right to receive all dividends and distributions paid or made in respect of the Ordinary Shares. The Placing Shares will be issued free from all liens, charges and encumbrances.

Further details of the Placing Agreement are set out in paragraph 12.10 of Part VIII of this document.

# 11. Directors and Senior Management

# Board

The Board comprises three executive directors and, with effect from Admission and following the appointment of David Johnson, two non-executive directors.

# Robert Marshall Post, (60), Executive Chairman

Mr. Post joined Diversified Gas & Oil in 2005 as 50% owner with Mr. Hutson Jr. Mr. Post was Controller for Whiting Corporation for 3 years. He then purchased TramBeam, an overhead crane company, from Whiting Corporation and owned and operated the business for 20 years. Mr. Post sold TramBeam in 2002 to a London based corporation, FKI Industries. He has a B.S. degree in Accounting (Finance minor) from Jacksonville State University - Alabama.

# Robert "Rusty" Russell Hutson Jr., (47), Chief Executive Officer

Mr Hutson Jr. is the fourth generation of his family to be involved in the oil and gas industry but the first to hold an executive role, with his Father, Grandfather and Great Grandfather all working in various field operational roles. Before founding Diversified Gas & Oil in 2001, Mr. Hutson Jr. held finance and accounting roles for 13 years at Bank One (Columbus, Ohio) and Compass Bank (Birmingham, Alabama). He finished his banking career as CFO of Compass Financial Services. Mr. Hutson has a B.S. degree in Accounting from Fairmont State College - West Virginia. He is a former certified public accountant ("CPA") (Ohio).

# Bradley Grafton Gray, (48), Finance Director and US Chief Operating Officer

Prior to joining the Company in October 2016, Mr. Gray held the position of Senior Vice President and Chief Financial Officer for Royal Cup, Inc., a United States based commercial coffee roaster and wholesale distributor of tea and other beverage related products. Prior to Royal Cup, Inc., from 2006 to 2014, Mr. Gray worked in the petroleum distribution industry for The McPherson Companies, Inc. and held the position of Executive Vice President and Chief Financial Officer. Additionally, from 1997 to 2006, Mr. Gray worked in various financial and operational roles with Saks Incorporated, a previously listed New York Stock Exchange retail group in the United States. Mr Gray began his career at Arthur Andersen. Mr. Gray has a B.S. degree in Accounting from the University of Alabama and he is a licensed CPA (Alabama).

# David Edward Johnson, (56), Senior Independent Non-executive Director

Mr Johnson has enjoyed a long and successful career in the investment sector. He has worked at a number of leading City investment houses, as both an investment analyst and more recently in equity sales and investment management. During his career he has worked for Sun Life Assurance, Henderson Crosthwaite and Investec Securities. He joined Panmure Gordon & Co in 2004 where he worked until 2013, including as Head of Sales from 2006 and then Head of Equities from 2009. He joined Chelverton Asset Management in 2014 where he had specific responsibility for the Group's private equity investments. Mr Johnson is a non-executive director of AIM quoted Bilby plc, a holding company providing a platform for strategic acquisitions in the gas heating and general building services industries.

# Martin Keith Thomas, (52), Independent Non-executive Director

Martin Thomas is a partner in the corporate team at Watson Farley & Williams in London. Martin specialises in advising on IPOs and secondary offerings of equity and debt on the London capital markets, corporate finance and M&A work, including cross-border and domestic acquisitions and disposals, joint ventures and private equity transactions. Previously named one of *The Lawyer's* "UK Hot 100 Lawyers" and ranked by both *Chambers and Partners* and *Legal 500*, Martin advises clients operating in a variety of sectors, including oil and gas, renewable energy, natural resources and mining, climate change, financial services and early stage technology. During his legal career of 30 years, Martin has also held senior management positions including 7 years as the European Managing Partner of a global law firm headquartered in the United States.

# **Senior Management**

# Robert ("Rusty") Russell Hutson, Sr., (68), Field Operations Manager

Rusty Hutson, Senior., spent over 30 years in the oil and gas business in various operational roles for oil and gas operators. The Hutson family has been engaged in aspects of the oil and gas industry in West Virginia, United States since the early 1900s. He now supervises the West Virginia operations for the Group.

# Timothy Louis Altier, (53), Production Manager - Ohio

Tim Altier is the third generation in his family to work in the oil and gas industry. Mr. Altier started his career at Dominion East Ohio where he worked in the engineering and metering division. He spent 16 years as the Operations Manager at Range Resources and their predecessors with responsibility for all their wells and production in Ohio and New York. After Range sold their Ohio and New York production, Mr. Altier moved to Mountaineer Keystone as Production Manager where he worked with Utica and Marcellus production. Mr. Altier left Mountaineer Keystone

to become the Conventional Production Manager of Eclipse Resources in Ohio. Mr. Altier joined the Group as Production Manager for all of the Group's operations in the state of Ohio upon its acquisition of Eclipse. Mr. Altier has a Petroleum Engineering Degree from Marietta College in Marietta, Ohio and also received his Master's Degree in Petroleum Engineering from West Virginia University in Morgantown, West Virginia.

# Garland "Drew" Adamo, (55), Production Manager - Pennsylvania

Mr. Adamo started his career in 1986 with Victory Energy Corporation as a well tender, spending 10 years learning well tending and compressor operations. In 1996, Mr. Adamo moved to Texas Keystone Inc ("TKI") spending 20 years growing from well tending to management. Mr. Adamo managed all of TKI's field operations in Pennsylvania and West Virginia, consisting of drilling, completing and pipelining over 1,500 conventional gas wells. Mr. Adamo's 30 years of experience in the oil & gas industry has grown his extensive knowledge of all facets of conventional field operations, specialising in engineering and setting large horsepower compression. Mr. Adamo joined the Group upon its acquisition of the TKI conventional assets, as Production Manager for all of the Group's operations in the state of Pennsylvania.

# Lindsey Stryker Pourciau, (31), Treasury and Financial Controller

Lindsey joined the Group in 2011 and is responsible for financial statement and budget preparation, monthly closing procedures and audit & tax oversight. Prior to joining the Group, Lindsey was a Senior Accountant with Barfield, Murphy, Shank & Smith where she audited construction contractors, manufacturing and distribution companies. She has a Master of Accountancy and a B.S. in Accounting from Samford University and she is a licensed CPA (Alabama).

# 12. Management Incentive Arrangements

The Board believes that the Company's success is highly dependent on the quality and loyalty of the current and future directors and employees. To assist in the recruitment, retention and motivation of high quality directors and employees as necessary, the Company must have an effective remuneration strategy. The Board considers that an important part of this remuneration strategy is the ability to award equity incentives and, in particular, Share Options.

Following Admission, Share Options may be granted under the Share Option Scheme. The Board intends that a maximum of 10 per cent. of the issued share capital of the Company (as enlarged) from time to time will be under option. A total of up to 10,559,125 new Ordinary Shares of the Company shall be available to satisfy awards under the Share Option Scheme on Admission. Further details of the Share Option Scheme are set out in paragraph 7.3 of Part VIII of this document.

# 13. Warrants

The Company has committed to issue the Warrants to Smith & Williamson and Mirabaud which are exercisable into 3,050,000 Ordinary Shares representing (if exercised in full) 2.7 per cent. of the Enlarged Share Capital. The Warrants are capable of being exercised immediately upon Admission for a period of five years. Further details of the Warrants are set out in paragraphs 12.17 and 12.18 of Part VIII of this document.

# 14. Corporate Governance and Internal Controls

The Board comprises two independent non-executive Directors and three executive Directors. The Company is not required to comply with the provisions of the UK Corporate Governance Code. However, the Directors recognise the importance of sound corporate governance and intend to comply with the QCA Corporate Governance Code for Small and Mid-Size Quoted Companies, where relevant, which they believe is appropriate for a company with shares admitted to trading on AIM. In particular, the Directors are responsible for overseeing the effectiveness of the internal controls of the Company designed to ensure that proper accounting records are maintained, and that the financial information on which business decisions are made, and which is issued for publication, is reliable and that the assets of the Company are safeguarded.

The Company will hold regular board meetings throughout the year at which reports relating to the Group's operations, together with financial reports, will be considered. The Board is responsible for formulating, approving and reviewing the Group's strategy, budgets, major items of expenditure and senior personnel appointments.

The shareholdings of the two non-executive directors, David Johnson and Martin Thomas on Admission will represent 0.05 per cent. and 1.89 per cent. of the Enlarged Share Capital, respectively. Given the size of their shareholdings, the absence of any cross directorships or relationships with other board members and David Johnson's appointment with effect from Admission, the Board is satisfied that the non-executive directors are considered independent under the criteria identified in the QCA Corporate Governance Code for Mid-Size Quoted Companies.

# The Audit Committee

The Company has established an audit committee, which comprises Bradley Gray (Chairman), David Johnson and Martin Thomas. The audit committee's main functions include, *inter alia*, reviewing and monitoring internal financial control systems and risk management systems on which the Company is reliant, considering annual and interim accounts and audit reports, making recommendations to the Board in relation to the appointment and remuneration of the Company's auditors and monitoring and reviewing annually their independence, objectivity, effectiveness and qualifications.

### The Remuneration Committee

The Company has established a remuneration committee, which comprises David Johnson (Chairman), Robert Post and Martin Thomas, and meets as often as required to enable the remuneration committee to fulfill its obligations to the Company. The remuneration committee will be responsible for reviewing the performance of the Chairman and the executive directors and for setting the scale and structure of their remuneration, paying due regard to the interests of Shareholders as a whole and the performance of the Group. The remuneration committee will also approve the design of and determine targets for any performance-related pay schemes operated by the Company.

# Share dealing code and AIM Rule Compliance Code

The Company has adopted a code for dealings in Ordinary Shares which is appropriate for an AIM company, in compliance with Rule 21 of the AIM Rules for Companies and with the Market Abuse Regulation. The Company has also adopted an AIM Rules compliance code with effect from Admission.

# 15. Distribution and Dividend Policy

The Directors intend to adopt a progressive dividend policy to reflect the expectation of future cash flow generation and long-term earnings potential of the Group. The Board intends that not less than 40 per cent of operating free cash flow will be paid to Shareholders by way of dividend.

The Board anticipates that it will recommend payment of a final dividend in respect of the year to 31 December 2016, to be paid in June 2017 to those Shareholders on the share register on the relevant record date.

The Directors may revise the Group's dividend policy from time to time in line with the actual results and financial position of the Group.

# 16. Concert Party

The Company is a public company incorporated in the United Kingdom and its Ordinary Shares will be admitted to trading on AIM. Accordingly, the City Code applies to the Company.

Under Rule 9 of the City Code, if a person acquires an interest in Ordinary Shares which, together with that person's concert parties' interests in Ordinary Shares, carries 30 per cent. or more of the voting rights of the Company, that person would normally be required (except with the consent of the Takeover Panel) to make a cash offer for the Ordinary Shares not already held by them at a price not less than the highest price paid for the Ordinary Shares by the person or its concert parties during the previous 12 months.

Under Rule 9 of the City Code, this requirement would also normally be triggered by any acquisition of an interest in Ordinary Shares by a person (together with its concert parties) interested in shares carrying between 30 and 50 per cent. of the voting rights in the Company, if the effect of such acquisition would be to increase those persons' percentage interest in the total voting rights of the Company.

"Interests in shares" is defined broadly in the City Code. A person who has long economic exposure, whether absolute or conditional, to changes in the price of shares will be treated as interested in those shares. A person who only has a short position in shares will not be treated as interested in those shares.

"Voting rights" for these purposes means all the voting rights attributable to the share capital of a company which are currently exercisable at a general meeting.

"Persons acting in concert" (and "concert parties") comprise persons who, pursuant to an agreement or understanding (whether formal or informal), co-operate to obtain or consolidate control of a company or to frustrate the successful outcome of an offer for a company. Certain categories of people are deemed under the City Code to be acting in concert with each other unless the contrary is established.

On Admission, the City Code will apply to the Company. Accordingly, pursuant to presumption (9) contained within the City Code's definition of "acting in concert", Robert Post, Rusty Hutson Jr. and Bradley Gray (being shareholders of the Company immediately prior to Admission) are presumed to be acting in concert with each other in relation to the Company (together the "Concert Party Members").

Immediately following Admission and on completion of the Placing and Bond Conversion, the Concert Party Members will, together, own in aggregate 42,210,481 Ordinary Shares, representing approximately 40.0 per cent. of the Company's issued voting share capital immediately after the Placing and Bond Conversion ("Maximum Voting Stake").

Since, following Admission and completion of the Placing and Bond Conversion, the Maximum Voting Stake in which the Concert Party Members will be interested will, in aggregate, be more than 30 per cent. but less than 50 per cent. of the voting rights of the Company, any member of this group will not normally be able to acquire an additional interest in shares carrying voting rights in the Company without incurring an obligation to make a mandatory offer pursuant to Rule 9 of the City Code.

# 17. Relationship Agreement

The Company, Rusty Hutson Jr. and Robert Post have entered into the Relationship Agreement, which regulates the ongoing relationship between them with a view to ensuring that, amongst other things, (i) DGO is capable of carrying on its business independently of Rusty Hutson Jr. and Robert Post and (ii) transactions and relationships between DGO and Rusty Hutson Jr. and Robert Post are entered into at arm's length and on normal commercial terms. A summary of the terms of the Relationship Agreement is set out in paragraph 12.16 of Part VIII of this document.

### 18. Outlook

The Directors look forward to the coming year with confidence as the Group's assets are expected to deliver strong sales and increase operating free cash flow even in the midst of a challenging commodity price environment.

The Group has entered into a variety of hedging and fixed price sale contracts for oil and gas production providing a degree of downside protection on 2017 revenues. Through financial hedges, the Group has hedged approximately 43% of its commodity price exposure for gas production and 62% of its price exposure for oil production for 2017. Through fixed price contracts, the Group has protected approximately 55% of its net market price received for gas production in 2017. The Group does not enter in to fixed price contracts for its oil production. The combination of financial hedges and fixed price contracts for gas provides the Group with price protection on a large majority of its gas production for 2017. DGO's operational structure enables it to generate significant operating free cash flow, even in the current low energy price environment, with an average operating cost equivalent to \$9.53/boe.

The Board continues to identify attractive acquisition and investment opportunities to purchase additional producing assets in the Group's existing footprint. Low oil and natural gas prices have resulted in larger companies divesting non-core and distressed assets and the Group continues to explore and exploit these opportunities. Any additional assets purchased are expected to complement the Group's existing portfolio and continue to provide an increase in revenue and net cash flow.

The Directors believe that they have the capacity to leverage their existing operating structure which provides them with an opportunity to operate acquired assets more efficiently than larger companies with significant overhead. The Directors believe that the Company's cash flow, and the proceeds of the Placing, will be sufficient to cover all current obligations under its outstanding debt and the Group's proposed dividend policy.

### PART III

### **RISK FACTORS**

Any investment in the Ordinary Shares is speculative and subject to a high degree of risk. Therefore, prior to investing in the Ordinary Shares, prospective investors should consider carefully the risks associated with any investment in the Ordinary Shares, the Group's business and the industry in which the Group operates, together with all other information contained in this document including, in particular, the risk factors described below. If any of the following risks actually occur, the Group's business, financial condition, capital resources, results or future operations could be materially adversely affected.

Additional risks and uncertainties relating to the Company and its subsidiaries that are not currently known to the Company, or that the Company currently deems immaterial, may also have a material adverse effect on the business of the Group or on the Group's financial condition and operating results.

This, among other factors, could cause a decrease in the price of the Ordinary Shares and investors could lose all or part of their investment. If you are in any doubt about the contents of this document or the action you should take, you are strongly recommended to consult a professional adviser authorised under FSMA who specialises in advising on the acquisition of shares and other securities.

Investors should consider carefully whether an investment in the Ordinary Shares is suitable for them in view of the information in this document, their personal circumstances and the financial resources available to them.

# **RISKS RELATING TO THE BUSINESS**

### Risks relating to the Group's activities and the oil and gas industry

There are numerous factors which may affect the success of the Group's business which are beyond its control including local, national and international economic, legal and political conditions. The Group's business involves a high degree of risk which a combination of experience, knowledge and careful evaluation may not overcome.

# Title matters and payment obligations

There is no guarantee that an unforeseen defect in title, changes in law or change in the interpretation of law or political events will not arise to defeat or impair the claim of the Group to any properties which it currently owns or may acquire which could result in a material adverse effect on the Group, including a reduction in any revenues generated.

# Success of acquisition strategy not guaranteed

Returns ultimately achieved by investors in the Company will be reliant upon the quality and performance of the assets being acquired directly or indirectly by the Company. The success of the Company's strategy also depends on the Directors' ability to identify potential assets, and the acquisition of the assets on favourable terms and to generate value from the assets. No assurance is given that the strategy to be used will be successful under all or any market conditions or that the Company will be able to invest its capital directly or indirectly to acquire assets on attractive terms and to generate returns for investors.

# Issues resulting from limited due diligence on new acquisitions

The Group intends in the future to acquire directly or indirectly a number of oil and gas assets in the Appalachian Basin. The Group intends to perform a review in respect of any potential assets prior to acquisition. Although it is intended that any such review would be consistent with industry practice, such reviews are inherently incomplete. It is generally not feasible to review in depth every individual well or field involved in each acquisition. Generally, the Group will aim to focus its due diligence efforts on higher-valued assets and will sample the remainder. However, even an in-depth review of all assets and records may not necessarily reveal existing or potential problems, nor will it permit a buyer to become sufficiently familiar with the assets to assess fully their deficiencies and capabilities. The Group may be required to assume directly or indirectly pre-closing liabilities, including environmental liabilities, and may acquire direct or indirect interests in assets on an "as is" basis. Future acquisitions may include offshore licences and/or exploration assets. The acquisition of such assets would provide much greater levels of risk for the Group, because such assets, by their nature, may be more expensive to acquire and more difficult to exploit.

# Prospective investments and growth strategy execution risks

In order to expand its operations, the Group may expend costs on, *inter alia*, conducting due diligence into potential investment opportunities in further businesses, assets or prospects/projects that may not be successfully completed or result in any acquisition being made, which could have a material adverse effect on its business, operating results and financial condition.

# Risks relating to taxation

There can be no certainty that the current taxation regime in the UK or overseas jurisdictions within which the Group currently operates or may operate in the future will remain in force or that the current levels of corporation taxation will remain unchanged. There can be no assurance that there will be no amendment to the existing taxation laws applicable to the Group, which may have a material adverse effect on the Group's financial position.

Any change in the Group's tax status or in taxation legislation in the UK or the United States could affect the Group's ability to provide returns to Shareholders. Statements in this document concerning the taxation of investors in shares are based on current law and practice, which is subject to change. The taxation of an investment in the Group depends on the individual circumstances of investors.

The nature and amount of tax which members of the Group expect to pay and the reliefs expected to be available to any member of the Group are each dependent upon several assumptions, any one of which may change and which would, if so changed, affect the nature and amount of tax payable and reliefs available. In particular, the nature and amount of tax payable is dependent on the availability of relief under tax treaties and is subject to changes to the tax laws or practice in any of the jurisdictions affecting the Group. Any limitation in the availability of relief under these treaties, any change in the terms of any such treaty or any changes in tax law, interpretation or practice could increase the amount of tax payable by the Group.

The Group is subject to income taxes in the United States and United Kingdom, and its domestic and international tax liabilities are subject to the allocation of expenses in differing jurisdictions.

The Group's effective tax rate could be adversely affected by changes in the mix of earnings and losses in countries with differing statutory tax rates, certain non-deductible expenses arising from stock option compensation, the valuation of deferred tax assets and liabilities and changes in federal, state or international tax laws and accounting principles. Increases in the Group's effective tax rate could materially affect the Group's net financial results.

In addition, the Group is subject to income tax audits by many tax jurisdictions. Although the Directors believe that the Group's income tax liabilities are reasonably estimated and accounted for in accordance with applicable laws and principles, an adverse resolution of one or more uncertain tax positions in any period could have a material impact on the results of operations for that period.

Lastly, due to the Group's parent company being a UK based entity with operations and assets in the United States, any changes in United States federal tax law or tax rulings unfavorable to the Group structure related to non-U.S. owned parent companies could have a material impact on the Group's effective tax rate, cash flows and results of operations.

Investors who are in any doubt as to their tax position or who are subject to tax in jurisdictions other than the UK are strongly advised to consult their professional advisers.

# Dependence on key executives and personnel

The future performance of the Group will to a significant extent be dependent on its ability to retain the services and personal connections or contacts of key executives and to attract, recruit, motivate and retain other suitably skilled, qualified and industry experienced personnel to form a high calibre management team.

Such key executives are expected to play an important role in the development and growth of the Group, in particular by maintaining good business relationships with regulatory and governmental departments and essential partners, contractors and suppliers.

In addition, attracting and retaining additional skilled personnel may be required to ensure the development of the Group's business. The Group faces significant competition for skilled personnel in the oil and gas sector.

Although certain key executives and personnel have entered, or will subject to Admission enter, into service agreements or letters of appointment with the Group, there can be no assurance that the Group will retain their services. The loss of the services of any of the key executives or personnel may have a material adverse effect on the business, operations, relationships and/or prospects of the Group.

# Controlling shareholder

Subject to the restrictions contained in the Relationship Agreement, following Admission, Rusty Hutson Jr. and Robert Post will hold, in aggregate, 40,000,000 Ordinary Shares representing 37.9 per cent. of the Company's issued share capital. As long as Rusty Hutson Jr. and Robert Post directly or indirectly own 25 per cent. each of the Company's Ordinary Shares, Rusty Hutson Jr. and Robert Post will be able to, among other things, propose and pass without support from independent Shareholders all ordinary resolutions of the Company. Rusty Hutson Jr. and Robert Post will also be able to control or exert significant influence on all of the Group's policy decisions and its strategic direction. Independent shareholders will benefit from minority shareholder protection to the extent prescribed under English law and under the City Code.

### Labour

Certain of the Group's operations may be carried out under potentially hazardous conditions. Whilst the Group intends to operate in accordance with relevant health and safety regulations and requirements, the Group remains susceptible to the possibility that liabilities might arise as a result of accidents or other workforce-related misfortunes, some of which may be beyond the Group's control. Further, the Group may struggle to recruit engineers and other important members of the workforce required to run a full exploration or appraisal programme. Shortages of labour, or of skilled workers, may cause delays or other stoppages during exploration and appraisal activities.

# Retention of key business relationships

The Group will rely significantly on strategic relationships with other entities, on good relationships with regulatory and governmental departments and on third parties to provide essential contracting services.

There can be no assurance that its existing relationships will continue to be maintained or that new ones will be successfully formed, and the Group could be adversely affected by changes to such relationships or difficulties in forming new ones. Any circumstance which causes the early termination or non-renewal of one or more of these key business alliances or contracts could adversely impact the Group, its business, operating results and prospects.

### **Credit market conditions**

Recent events in the credit markets have significantly restricted the supply of credit to the industry, as financial institutions have applied more stringent lending criteria or exited the market entirely. If current market conditions worsen, it will be more costly and more difficult for the Group to secure any significant debt facilities or indeed such facilities may no longer be available.

# Market perception

Market perception of junior extraction companies, in particular those operating in energy markets, as well as all oil and gas companies in general, may change, which could impact on the value of investors' holdings and the ability of the Group to raise further funds through the issue of further Ordinary Shares in the Company or otherwise.

# Insurance coverage and uninsured risks

The Group insures its operations in accordance with industry practice and plans to insure the risks it considers appropriate for the Group's needs and circumstances. However, the Group may elect not to have insurance for certain risks, due to the high premium costs associated with insuring those risks or for various other reasons, including an assessment in some cases that the risks are remote.

No assurance can be given that the Group will be able to obtain insurance coverage at reasonable rates (or at all), or that any coverage it or the relevant operator obtains, and any proceeds of insurance, will be adequate and available to cover any claims arising. The Group may become subject to liability for pollution, blow-outs or other hazards against which it has not insured or cannot insure, including those in respect of past activities for which it was not responsible. Any indemnities the Group may receive from such parties may be difficult to enforce if such sub-contractors, operators or joint venture partners lack adequate resources.

In the event that insurance coverage is not available or the Group's insurance is insufficient to fully cover any losses, claims and/or liabilities incurred, or indemnities are difficult to enforce, the Group's business and operations, financial results or financial position may be disrupted and adversely affected.

The payment by the Group's insurers of any insurance claims may result in increases in the premiums payable by the Group for its insurance cover and adversely affect the Group's financial performance. In the future, some or all of the Group's insurance coverage may become unavailable or prohibitively expensive.

# **Functioning insurance market**

Operational insurance policies are usually placed in one year contracts and the insurance market can withdraw cover for certain risks, which can greatly increase the costs of risk transfer. Such increases are often driven by factors unrelated to the Group such as well control elsewhere in the world and wind storm damage.

### Bank default

Recent credit market events have demonstrated the possibility of banks, previously thought to be secure, defaulting on their deposits. A good rating from a reputable rating agency does not provide adequate protection against default risk and as a corporate depositor the Group may fall outside any deposit protection schemes. However, if one or more of the Group's banks defaults on its deposits it would have a material adverse effect on the Group's ability to fund its commitments. In such an economic environment the Group would be unlikely to be able to sell assets at reasonable values or raise equity finance and consequently might be unable to continue its business.

# **Future litigation**

From time to time, the Group may be subject, directly or indirectly, to litigation arising out of its proposed operations. Damages claimed under such litigation may be material or may be indeterminate, and the outcome of such litigation may materially impact the Group's business, results of operations or financial condition. While the Group assesses the merits of each lawsuit and defends itself accordingly, it may be required to incur significant expenses or devote significant resources to defending itself against such litigation. In addition, the adverse publicity surrounding such claims may have a material adverse effect on the Group's business.

# GENERAL EXPLORATION, DEVELOPMENT AND PRODUCTION RISKS

### **Development and production risks**

There can be no guarantee that any hydrocarbons discovered will be developed into profitable production, or that hydrocarbons will be discovered in commercial quantities or developed to profitable production. The business of development and exploitation of hydrocarbon deposits is speculative and involves a high degree of risk, which even a combination of careful evaluation, experience and knowledge may not eliminate. Hydrocarbon deposits assessed by the Group may not ultimately contain economically recoverable volumes of resources and even if they do, delays in the construction and commissioning of production projects or other technical difficulties may result in any projected target dates for production being delayed or further capital expenditure being required.

The operations and planned drilling activities of the Group may be disrupted, curtailed, delayed or cancelled by a variety of risks and hazards which are beyond the control of the Group, including unusual or unexpected geological formations, formation pressures, geotechnical and seismic factors, environmental hazards such as accidental spills or leakage of petroleum liquids, gas leaks, ruptures or discharge of toxic gases, industrial accidents, occupational and health hazards, technical failures, mechanical difficulties, equipment shortages, labour disputes, fires, power outages, compliance with governmental requirements and extended interruptions due to inclement or hazardous weather and ocean conditions, explosions, blow-outs, pipe failure and other acts of God. Any one of these risks and hazards could result in work stoppages, damage to, or destruction of, the Group's facilities, personal injury or loss of life, severe damage to or destruction of property, environmental damage or pollution, clean-up responsibilities, regulatory investigation and penalties, business interruption, monetary losses and possible legal liability which could have a material adverse impact on the business, operations and financial performance of the Group. Although precautions to minimise risk are taken, even a combination of careful evaluation, experience and knowledge may not eliminate all of the hazards and risks. In addition, not all of these risks are insurable.

# Hydrocarbon resource and reserve estimates

No assurance can be given that hydrocarbon resources and reserves reported by the Group in the future are present as estimated, will be recovered at the rates estimated or that they can be brought into profitable production. Hydrocarbon resource and reserve estimates may require revisions and/or changes (either up or down) based on actual production experience and in light of the prevailing market price of oil and gas. A decline in the market price for oil and gas could render reserves uneconomic to recover and may ultimately result in a reclassification of reserves as resources.

Unless stated otherwise, the hydrocarbon resources data contained in this document is taken from the Competent Person's Report. The resources data contained in this document has been certified by the Competent Person unless stated otherwise. There are uncertainties inherent in estimating the quantity of resources and reserves and in projecting future rates of production, including factors beyond the Group's control. Estimating the amount

of hydrocarbon resources and reserves is an interpretive process and, in addition, results of drilling, testing and production subsequent to the date of an estimate may result in material revisions to original estimates.

The hydrocarbon resources data contained in this document and in the Competent Person's Report are estimates only and should not be construed as representing exact quantities. The nature of resource quantification studies means that there can be no guarantee that estimates of quantities and quality of the resources disclosed will be available for extraction. Any resource estimates contained in this document are based on production data, prices, costs, ownership, geophysical, geological and engineering data, and other information assembled by the Group (which it may not necessarily have produced). The estimates may prove to be incorrect and potential investors should not place reliance on the forward looking statements contained in this document (including data included in the Competent Person's Report or taken from the Competent Person's Report and whether expressed to have been certified by the Competent Person or otherwise) concerning the Group's resources and reserves or production levels.

If the assumptions upon which the estimates of the Group's hydrocarbon resources have been based prove to be incorrect, the Group (or the operator of an asset in which the Group has an interest) may be unable to recover and produce the estimated levels or quality of hydrocarbons set out in this document and the Group's business, prospects, financial condition or results of operations could be materially and adversely affected.

# Capital expenditure estimates may not be accurate

Estimated capital expenditure requirements are estimates based on anticipated costs and are made on certain assumptions. Should the Group's capital expenditure requirements turn out to be higher than currently anticipated (for example, if there are unanticipated difficulties in drilling or connecting to infrastructure or price rises) the Group or its partners may need to seek additional funds which it may not be able to secure on reasonable commercial terms to satisfy the increased capital expenditure requirements. If this happens, the Group's business, cash flow, financial condition and operations may be materially adversely affected.

### Production operations may produce unforeseen issues and drilling activities may not be successful

The planned production operations involve risks common to the industry, including blowouts, oil spills, explosions, fires, equipment damage or failure, natural disasters, geological uncertainties, unusual or unexpected rock formations and abnormal geological pressures. In the event that any of these occur, environmental damage, injury to persons and loss of life, failure to produce oil or gas in commercial quantities or an inability to fully produce discovered reserves could result. Drilling activities may be unsuccessful and the actual costs incurred in drilling, operating wells and completing well workovers may exceed budget. There may be a requirement to curtail, delay or cancel any drilling operations because of a variety of factors, including unexpected drilling conditions, pressure or irregularities in geological formations, equipment failures or accidents, adverse weather conditions, compliance with governmental requirements and shortages or delays in the availability of drilling rigs and the delivery of equipment. The occurrence of any of these events could have a material adverse effect on the Group's business, prospects, financial condition and operations.

# Increase in drilling costs and the availability of drilling equipment

The oil and gas industry historically has experienced periods of rapid cost increases. Increases in the cost of exploration and development would affect the Group's ability to invest directly or indirectly in prospects and to purchase or hire equipment, supplies and services. In addition, the availability of drilling rigs and other equipment and services is affected by the level and location of drilling activity around the world. An increase in drilling operations outside or in the Group's intended area of operations may reduce the availability of equipment and services to the Group and to the companies with which it operates. The reduced availability of equipment and services may delay the Group's ability, directly or indirectly, to exploit reserves and adversely affect the Group's operations and profitability.

# Delays in production, marketing and transportation

Various production, marketing and transportation conditions may cause delays in oil production and adversely affect the Group's business.

The marketability and price of oil and natural gas that may directly or indirectly be acquired or discovered by the Group will be affected by numerous factors beyond the control of the Group. The Group is also subject to market fluctuations in the prices of oil and natural gas, deliverability uncertainties related to the proximity of reserves to adequate pipeline and processing facilities, and extensive government regulations relating to price, taxes, royalties,

licences, land tenure, allowable production, the export of oil and natural gas, and many other aspects of the oil and natural gas business. Any or all of these factors may result in an adverse impact on the financial returns anticipated by the Group.

### **Decommissioning costs**

Decommissioning costs will be incurred by the Group at the end of the operating life of some of the Group's properties. The ultimate decommissioning costs are uncertain and cost estimates can vary in response to many factors including changes to relevant legal requirements, the emergence of new restoration techniques or experience at other production sites. The expected timing and amount of expenditure can also change, for example, in response to changes in reserves or changes in laws and regulations or their interpretation. As a result, there could be significant adjustments to the provisions established which would affect future financial results.

# Failure to meet contractual work commitments may lead to penalties

The Group may, indirectly, be subject to contractual work commitments, from time to time, which may include minimum work programmes to be fulfilled within certain time restraints. Specifically these commitments may cover certain depths of wells to be drilled, seismic surveys to be performed and other data acquisition. Failure to comply with such obligations, whether inadvertent or otherwise, may lead to fines, penalties, restrictions and withdrawal of licences with consequent material adverse effects.

# Interruptions in availability of exploration, production or supply infrastructure

The Group may suffer, indirectly, from delays or interruptions due to lack of availability of drilling rigs or construction of infrastructure, including pipelines, storage tanks and other facilities, which may adversely impact the operations and could lead to fines, penalties and criminal sanctions against the Group and/or its officers or its current or future licences or interests being terminated. Delays in obtaining licences, permissions and approvals required by the Group or its partners in the pursuance of its business objectives could likewise have a material adverse impact on the Group's business and the results of its operations.

# Third party contractors and providers of capital equipment are in short supply and can be expensive

The contracting or leasing services and equipment from third-party providers and suppliers may be problematic in that such equipment and services can be in short supply and may not be readily available at the times and places required. In addition, the costs of third-party services and equipment have increased significantly over recent years and may continue to rise. This may, therefore, have an adverse effect on the Group's business. In addition, the failure of a third party provider or supplier of equipment or services could have a material adverse impact on the Group's business and the results of its operations.

# Risk of loss of oil and gas rights

The Group's activities are dependent upon the maintenance of appropriate leases (which includes the continuation of production from applicable existing wells), licences, concessions, permits and regulatory consents which may be withdrawn or made subject to qualifications. Although the Group believes that the authorisations in relation to all of the Group's interests in the Appalachian Basin will not be withdrawn and will be maintained (as the case may be), there can be no guarantee that such authorisations will not, in the future, be withdrawn, fail to be renewed or granted. There can be no assurance as to the terms of such future grants or renewals.

# **Natural disasters**

Any interest held by the Group is subject to the impacts of any natural disaster such as earthquakes, epidemics, fires and floods etc. No assurance can be given that the Group will not be affected by future natural disasters.

# **Environmental factors**

The Group's operations are, and will be, subject to environmental regulation (with regular environmental impact assessments and evaluation of operations required before any permits are granted to it) in the Appalachian Basin and any other regions in which the Group may operate. Environmental regulations are likely to evolve in a manner that will require stricter standards and enforcement measures being implemented, increases in fines and penalties for non-compliance, more stringent environmental assessments of proposed projects and a heightened degree of responsibility for companies and their directors and employees. Compliance with environmental regulations could increase the Group's costs. Should the Group's operations not be able to comply with this mandate, financial

penalties may be levied. Environmental legislation can provide for restrictions and prohibitions on spills, releases of emissions of various substances produced in association with oil, condensate and natural gas operations. In addition, certain types of operations may require the submission and approval of environmental impact assessments. The Group's operations will be subject to such environmental policies and legislation.

Environmental legislation and policy is periodically amended. Such amendments may result in stricter standards of enforcement and in more stringent fines and penalties for non-compliance. Environmental assessments of existing and proposed projects may carry a heightened degree of responsibility for companies and their directors, officers and employees. The costs of compliance associated with changes in environmental regulations could require significant expenditure, and breaches of such regulations may result in the imposition of material fines and penalties. In an extreme case, such regulations may result in temporary or permanent suspension of production operations. There can be no assurance that these environmental costs or effects will not have a materially adverse effect on the Group's future financial condition or results of operations.

# **INVESTMENT AND AIM RISKS**

# Share price volatility and liquidity

Although the Company is applying for the Enlarged Share Capital to be admitted to trading on AIM, there can be no assurance that an active or liquid trading market for the Ordinary Shares will develop or, if developed, that it will be maintained. AIM is a market designed primarily for emerging or smaller growing companies which carry a higher than normal financial risk and tend to experience lower levels of liquidity than larger companies. Accordingly, AIM may not provide the liquidity normally associated with the Official List or some other stock exchanges. The Ordinary Shares may therefore be difficult to sell compared to the shares of companies listed on the Official List and the share price may be subject to greater fluctuations than might otherwise be the case. An investment in shares traded on AIM carries a higher risk than those listed on the Official List.

The Company is principally aiming to achieve capital growth and, therefore, Ordinary Shares may not be suitable as a short-term investment. Consequently, the share price may be subject to greater fluctuation on small volumes of shares traded, and thus the Ordinary Shares may be difficult to sell at a particular price.

Prospective investors should be aware that the value of an investment in the Company may go down as well as up and that the market price of the Ordinary Shares may not reflect the underlying value of the Company. There can be no guarantee that the value of an investment in the Company will increase. Investors may therefore realise less than, or lose all of, their original investment.

The share prices of publicly quoted companies can be highly volatile and shareholdings illiquid. The price at which the Ordinary Shares are quoted and the price which investors may realise for their Ordinary Shares may be influenced by a large number of factors, some of which are general or market specific, others which are sector specific and others which are specific to the Group and its operations. These factors include, without limitation, the performance of the Company and the overall stock market, large purchases or sales of Ordinary Shares by other investors, changes in legislation or regulations and changes in general economic, political or regulatory conditions and other factors which are outside of the control of the Company.

Shareholders may sell their Ordinary Shares in the future to realise their investment. Sales of substantial amounts of Ordinary Shares following Admission and/or termination of the lock-in agreements (the terms of which are summarised in paragraph 12.11 of Part VIII of this document), or the perception that such sales could occur, could materially adversely affect the market price of the Ordinary Shares available for sale compared to the demand to buy Ordinary Shares. Such sales may also make it more difficult for the Company to sell equity securities in the future at a time and price that is deemed appropriate. There can be no guarantee that the price of the Ordinary Shares will reflect their actual or potential market value or the underlying value of the Group's net assets and the price of the Ordinary Shares may decline below the Placing Price.

# Investment risk

An investment in the Company is highly speculative, involves a considerable degree of risk and is suitable only for persons or entities which have substantial financial means and who can afford to hold their ownership interests for an indefinite amount of time. While various oil and gas investment opportunities are available, potential investors should consider the risks that pertain to oil and gas development projects in general, as described more particularly above.

### **Dividends**

The dividend policy of the Company is dependent upon its financial condition, cash requirements, future prospects, profits available for distribution and other factors deemed to be relevant at the time and on the continued health of the markets in which it operates. There can be no guarantee that the Company will pay dividends in the foreseeable future.

# Restrictions on transfers under US legislation

The Ordinary Shares and Warrants have not been registered in the United States under the Securities Act or under other applicable securities law and are subject to restrictions on transfer contained in such law. They may not be resold in the United States, except pursuant to an exemption from the registration requirements of the Securities Act and applicable state securities law.

# **Resales of the Ordinary Shares or Warrants**

The Ordinary Shares and Warrants constitute "restricted securities," as defined in Rule 144 under the Securities Act, and, accordingly, are not freely tradable in the United States. The Company does not intend to list the Ordinary Shares or Warrants on an established securities exchange, have them quoted on an automated inter-dealer quotation system or otherwise create a public market in the United States for resale of the Ordinary Shares or Warrants.

### **Warrants**

As detailed in paragraphs 12.17 and 12.18 of Part VIII to this document, the Company has issued Warrants to certain of its existing professional advisers. The Company may, in the future, issue further options and/or warrants to subscribe for new Ordinary Shares to certain advisers, employees, Directors, senior management and/or consultants of the Group. The exercise of any such options and warrants would result in a dilution of the shareholdings of other investors.

It should be noted that the factors listed above are not intended to be exhaustive and do not necessarily comprise all of the risks to which the Group is or may be exposed or all those associated with an investment in the Company. In particular, the Company's performance is likely to be affected by changes in market and/ or economic conditions, political, judicial, and administrative factors and in legal, accounting, regulatory and tax requirements in the areas in which it operates and holds its major assets. There may be additional risks and uncertainties that the Directors do not currently consider to be material or of which they are currently unaware which may also have an adverse effect upon the Group.

If any of the risks referred to in this Part III crystallise, the Group's business, financial condition, results or future operations could be materially adversely affected. In such case, the price of the Ordinary Shares could decline and investors may lose all or part of their investment.

#### **PART IV**

## PLACING, OFFERS TO BONDHOLDERS, ADMISSION AND RELATED MATTERS

#### The Placing

Pursuant to the Placing, Mirabaud and Smith & Williamson have placed 61,000,000 Placing Shares with institutional and other investors at 65 pence per Ordinary Share to raise £39.7 million (equivalent to US\$50 million).

Dealings in the Placing Shares on AIM are expected to commence on 3 February 2017. In the case of Placees requesting their Placing Shares in uncertificated form, it is expected that the appropriate CREST accounts will be credited with the Placing Shares comprising their Placing participation with effect from 3 February 2017. For those Placees who have requested their Placing Shares in certificated form it is expected that certificates in respect of such shares will be despatched by post not later than 17 February 2017. Pending despatch of definitive share certificates or crediting of CREST accounts, the Company's registrars will certify any instrument of transfer against the register.

Under the Placing Agreement, which may be terminated by Mirabaud and Smith & Williamson in certain circumstances (including force majeure) prior to Admission, the Company and the Directors have given certain warranties and indemnities to Mirabaud and Smith & Williamson concerning, *inter alia*, the accuracy of the information contained in this document.

#### Offers to Bondholders

Under the terms of the Bond Instrument, if the Ordinary Shares are admitted to trading on AIM (or any other recognised investment exchange), the Company is required at the time of Admission to make a Buyback Share Offer. The Bondholders are free to accept or reject such Buyback Share Offer. Consequently, on 16 November 2016 the Company made the Buyback Share Offer to all Bondholders (other than Bondholders located in the United States), conditional on Admission. Simultaneously, the Company also made the Cash Alternative Offer to all Bondholders, conditional on Admission.

Bondholders could elect to accept (i) in the case of Bondholders outside the United States, the Buyback Share Offer in respect of all of their Bonds or (ii) the Cash Alternative Offer in respect of all of their Bonds.

If a Bondholder did not accept either the Buyback Share Offer or the Cash Alternative Offer in respect of all of their Bonds, the Company will not be obliged to redeem any of his outstanding Bonds until the final redemption date provided for in the Bond Instrument, being 24 June 2020.

Acceptances received by the Company under the Buyback Share Offer and the Cash Alternative Offer were as follows:

|                        | Number of Bonds (£) | Percentage of Bonds |
|------------------------|---------------------|---------------------|
| Buyback Share Offer    | 198,000             | 1.86%               |
| Cash Alternative Offer | 10,345,244          | 97.14%              |
| Outstanding Bonds      | 106,640             | 1.00%               |
|                        | 10,649,884          | 100.00%             |

As at the date of this document, Robert Post and Rusty Hutson Jr. each hold £216,000 of Bonds. Conditional on Admission, both Robert Post and Rusty Hutson have accepted the Cash Alternative Offer described above, in relation to all of their Bonds.

The Cash Alternative Offer will be funded from the proceeds of the Placing on Admission. As a result of the Buyback Share Offer, 380,769 Bond Conversion Shares shall be issued on Admission. Given the level of acceptances received under the Buyback Share Offer, the Company has waived the condition contained within the Buyback Share Offer, that any Bondholder accepting the Buyback Share Offer shall agree that they will only dispose of any interests in their Bond Conversion Shares, for a period of 18 months following Admission through Mirabaud, in order to maintain an orderly market in the Ordinary Shares.

Application has been made to the London Stock Exchange for the Bond Conversion Shares to be admitted to trading on AIM. It is expected that Admission shall become effective and that dealings shall commence on 3 February 2017.

Bondholders accepting the Buyback Share Offer or Cash Alternative Offer have been paid the interest payment due on the Bonds relating to the quarter ended 31 December 2016, however, no interest will be paid to Bondholders

accepting either the Buyback Share Offer or the Cash Alternative Offer in respect of future periods following 1 January 2017.

For those Bondholders who accepted the Buyback Share Offer, share certificates will be sent by first class post at the risk of the Bondholder within 10 business days of Admission.

For those Bondholders who accepted the Cash Alternative Offer, cheques will be sent by first class post at the risk of the Bondholder, within 10 business days of Admission.

It is intended that the 106,640 outstanding Bonds will be withdrawn from the NEX Exchange upon Admission and no alternative arrangements for dealing or trading in the outstanding Bonds will be arranged by the Company.

## **CREST**

CREST is a paperless settlement procedure enabling securities to be evidenced otherwise than by a certificate and transferred otherwise than by a written instrument in accordance with the CREST Regulations. The Articles permit the holding of Ordinary Shares under the CREST system. All of the Ordinary Shares will be in registered form and no temporary documents of title will be issued.

The Company has applied for the Ordinary Shares to be admitted to CREST on the date of Admission and it is expected that the Ordinary Shares will be so admitted and accordingly enabled for settlement in CREST on the date of Admission. It is expected that Admission will become effective and dealings in Ordinary Shares will commence on 3 February 2017. Accordingly, settlement of transactions in Ordinary Shares following Admission may take place within the CREST system if any Shareholder so wishes.

CREST is a voluntary system and holders of Ordinary Shares who wish to receive and retain share certificates will be able to do so.

#### **Admission, Settlement and Dealings**

Application has been made to the London Stock Exchange for the Enlarged Share Capital to be admitted to trading on AIM. It is expected that Admission will become effective and that dealings will commence on 3 February 2017. The Warrants will not be admitted to trading on AIM or any other exchange.

No temporary documents of title will be issued. All documents sent by or to a Shareholder who elects to hold Ordinary Shares in certificated form, or at his direction, will be sent through the post at the Shareholder's risk. Pending the despatch of definitive share certificates, instruments of transfer will be certified against the register of members of the Company.

## **Lock-in Agreements**

The Board's aggregate interests in Ordinary Shares following Admission will amount to 44,260,481 Ordinary Shares representing approximately 41.9 per cent. of the Enlarged Share Capital.

Each of the Directors has agreed not to dispose of any interests in Ordinary Shares within a period of 18 months following Admission without the prior consent of Smith & Williamson and Mirabaud, save in certain limited circumstances.

# **Risk Factors**

Certain risk factors in relation to the Group and its business are brought to your attention in Part III of this document.

#### **Taxation**

Information regarding United Kingdom taxation with regard to potential Shareholders is set out in Part VIII of this document. No taxation advice is being provided to Shareholders in this document. If you are in any doubt as to your tax position, you should consult your professional adviser immediately.

#### **Further Information**

Your attention is drawn to the additional information set out in Part VIII of this document.

#### **PART V**

## (A) ACCOUNTANT'S REPORT ON THE HISTORICAL FINANCIAL INFORMATION OF THE GROUP



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30 January 2017

Dear Sirs,

#### Introduction

We report on the audited historical financial information of Diversified Gas & Oil PLC (the "Company") and its wholly owned subsidiaries for the three years ended 31 December 2015 (the "Group Financial Information"). The Group Financial Information has been prepared for inclusion in Part V(B) "Historical Financial Information of the Group" of the Company's AIM admission document dated 30 January 2017 (the "Admission Document"), on the basis of the accounting policies set out in note 5 to the Group Financial Information. This report is required by paragraph (a) of Schedule Two to the AIM Rules for Companies (the "AIM Rules") and is given for the purposes of complying with the AIM Rules and for no other purpose.

#### Responsibilities

The directors of the Company (the "Directors") are responsible for preparing the Group Financial Information on the basis of preparation set out in note 3 to the Group Financial Information and in accordance with International Financial Reporting Standards as adopted by the European Union ("IFRS").

It is our responsibility to form an opinion on the Group Financial Information as to whether the Group Financial Information gives a true and fair view, for the purposes of the Admission Document, and to report our opinion to you.

Save for any responsibility arising under Paragraph (a) of Schedule Two of the AIM Rules for Companies to any person as and to the extent there provided, to the fullest extent permitted by law we do not assume any responsibility and will not accept any liability to any person other than the addressees of this letter for any loss suffered by any such person as a result of, arising out of, or in connection with this report or our statement, required by and given solely for the purposes of complying with Paragraph (a) of Schedule Two of the AIM Rules for Companies, consenting to its inclusion in the Admission Document.

## Basis of opinion

We conducted our work in accordance with Standards of Investment Reporting issued by the Auditing Practices Board in the United Kingdom. Our work included an assessment of evidence relevant to the amounts and disclosures in the Group Financial Information. It also included an assessment of significant estimates and judgments made by those responsible for the preparation of the financial statements underlying the Group Financial Information and whether the accounting policies are appropriate to the Group's circumstances, consistently applied and adequately disclosed.

We planned and performed our work so as to obtain all the information and explanations which we considered necessary in order to provide us with sufficient evidence to give reasonable assurance that the Group Financial Information is free from material misstatement, whether caused by fraud or other irregularity or error.

## **Opinion**

In our opinion, the Group Financial Information gives, for the purposes of the Admission Document, a true and fair view of the state of affairs of the Group as at 31 December 2015, 31 December 2014 and 31 December 2013 and of the results, cash flows and changes in equity for the years then ended in accordance with the basis of preparation set out in note 3 to the Group Financial Information, that the Group Financial Information has been prepared in accordance with IFRS and that it has been prepared in a form that is consistent with the accounting policies adopted by the Company.

## **Declaration**

For the purposes of paragraph (a) of Schedule Two of the AIM Rules for Companies, we are responsible for this report as part of the Admission Document and declare that we have taken all reasonable care to ensure that the information contained in this report is, to the best of our knowledge, in accordance with the facts and contains no omission likely to affect its import. This declaration is included in the Admission Document in compliance with Paragraph (a) of Schedule Two of the AIM Rules for Companies.

Yours faithfully,

Crowe Clark Whitehill LLP Chartered Accountants

# PART V (B) HISTORICAL FINANCIAL INFORMATION OF THE GROUP

# Combined and consolidated statements of comprehensive income

The combined and consolidated statements of comprehensive income of the Group for each of the three years ended 31 December 2013, 2014 and 2015 are set out below:

| Revenue         6         5,169         7,358         6,304           Cost of sales         7         (2,751)         (3,559)         (4,251)           Depreciation, depletion and amortisation         (2,308)         (2,160)         (3,388)           Gross profit/(loss)         110         1,639         (1,335)           (Loss)/gain on derivative financial instruments         (115)         1,091         402           Gain on bargain purchase         -         914         6,582           Loss on disposal of property, plant and equipment         -         (7)         (2)           Administrative costs         7         (557)         (971)         (1,016)           Operating (loss)/profit         (562)         2,666         4,631           Finance income         1         -         -           Accretion of decommissioning provision         (2,266)         (2,734)         (3,177)           Finance costs, accrued         -         (2,266)         (2,734)         (3,177)           Finance costs, accrued         9         -         -         (576)           Loss before taxation         (2,827)         (238)         (413)           Taxation         8         -         -         -               |   |      | Audited<br>Year ended<br>31<br>December | Audited<br>Year ended<br>31<br>December | Audited<br>Year ended<br>31<br>December |
|--|---|------|---|---|---|
| Revenue         6         5,169         7,358         6,304           Cost of sales         7         (2,751)         (3,559)         (4,251)           Depreciation, depletion and amortisation         (2,308)         (2,160)         (3,388)           Gross profit/(loss)         110         1,639         (1,335)           (Loss)/gain on derivative financial instruments         (115)         1,091         402           Gain on bargain purchase         -         914         6,582           Loss on disposal of property, plant and equipment         -         (7)         (2)           Administrative costs         7         (557)         (971)         (1,016)           Operating (loss)/profit         (562)         2,666         4,631           Finance income         1         -         -           Accretion of decommissioning provision         -         (170)         (366)           Finance costs         (2,266)         (2,734)         (3,177)           Finance costs, accrued         -         -         (925)           Potential initial public offering charges         9         -         -         (576)           Loss before taxation         (2,827)         (238)         (413)                 |   |      | 2013                                    | 2014                                    | 2015                                    |
| Cost of sales         7         (2,751)         (3,559)         (4,251)           Depreciation, depletion and amortisation         (2,308)         (2,160)         (3,388)           Gross profit/(loss)         110         1,639         (1,335)           (Loss)/gain on derivative financial instruments         (115)         1,091         402           Gain on bargain purchase         -         914         6,582           Loss on disposal of property, plant and equipment         -         (7)         (2)           Administrative costs         7         (557)         (971)         (1,016)           Operating (loss)/profit         (562)         2,666         4,631           Finance income         1         -         -           Accretion of decommissioning provision         -         (170)         (366)           Finance costs         (2,266)         (2,734)         (3,177)           Finance costs, accrued         -         -         (925)           Potential initial public offering charges         9         -         -         (576)           Loss before taxation         (2,827)         (238)         (413)           Taxation         8         -         -         -           Loss             |   | Note | \$'000                                  | \$'000                                  | \$'000                                  |
| Cost of sales         7         (2,751)         (3,559)         (4,251)           Depreciation, depletion and amortisation         (2,308)         (2,160)         (3,388)           Gross profit/(loss)         110         1,639         (1,335)           (Loss)/gain on derivative financial instruments         (115)         1,091         402           Gain on bargain purchase         -         914         6,582           Loss on disposal of property, plant and equipment         -         (7)         (2)           Administrative costs         7         (557)         (971)         (1,016)           Operating (loss)/profit         (562)         2,666         4,631           Finance income         1         -         -           Accretion of decommissioning provision         -         (170)         (366)           Finance costs         (2,266)         (2,734)         (3,177)           Finance costs, accrued         -         -         (925)           Potential initial public offering charges         9         -         -         (576)           Loss before taxation         (2,827)         (238)         (413)           Taxation         8         -         -         -           Loss             |   |      |   |   |   |
| Depreciation, depletion and amortisation         (2,308)         (2,160)         (3,388)           Gross profit/(loss)         110         1,639         (1,335)           (Loss)/gain on derivative financial instruments         (115)         1,091         402           Gain on bargain purchase         -         914         6,582           Loss on disposal of property, plant and equipment         -         (7)         (2)           Administrative costs         7         (557)         (971)         (1,016)           Operating (loss)/profit         (562)         2,666         4,631           Finance income         1         -         -           Accretion of decommissioning provision         -         (170)         (366)           Finance costs         (2,266)         (2,734)         (3,177)           Finance costs, accrued         -         -         (925)           Potential initial public offering charges         9         -         -         (576)           Loss before taxation         (2,827)         (238)         (413)           Taxation         8         -         -         -           Loss after taxation         -         3         17           Total comprehensive (loss)/income     |   |      | ·                                       | •                                       |   |
| Gross profit/(loss)         110         1,639         (1,335)           (Loss)/gain on derivative financial instruments         (115)         1,091         402           Gain on bargain purchase         -         914         6,582           Loss on disposal of property, plant and equipment         -         (7)         (2)           Administrative costs         7         (557)         (971)         (1,016)           Operating (loss)/profit         (562)         2,666         4,631           Finance income         1         -         -           Accretion of decommissioning provision         -         (170)         (366)           Finance costs         (2,266)         (2,734)         (3,177)           Finance costs, accrued         -         -         -         (925)           Potential initial public offering charges         9         -         -         (576)           Loss before taxation         (2,827)         (238)         (413)           Taxation         8         -         -         -           Loss after taxation         (2,827)         (238)         (413)           Other comprehensive income attributable to the equity holders of the parent         -         3         17      < | Cost of sales                                   | 7    | (2,751)                                 | (3,559)                                 |   |
| Closs)/gain on derivative financial instruments  | Depreciation, depletion and amortisation        |      | (2,308)                                 | (2,160)                                 | (3,388)                                 |
| Gain on bargain purchase         -         914         6,582           Loss on disposal of property, plant and equipment         -         (7)         (2)           Administrative costs         7         (557)         (971)         (1,016)           Operating (loss)/profit         (562)         2,666         4,631           Finance income         1         -         -           Accretion of decommissioning provision         -         (170)         (366)           Finance costs         (2,266)         (2,734)         (3,177)           Finance costs, accrued         -         -         (925)           Potential initial public offering charges         9         -         -         (576)           Loss before taxation         (2,827)         (238)         (413)           Taxation         8         -         -         -           Loss after taxation         (2,827)         (238)         (413)           Other comprehensive income attributable to the equity holders of the parent         -         3         17           Total comprehensive (loss)/income for the year attributable to the equity holders of the parent         (2,827)         (235)         (396)                                      | Gross profit/(loss)                             |      | 110                                     | 1,639                                   | (1,335)                                 |
| Loss on disposal of property, plant and equipment         -         (7)         (2)           Administrative costs         7         (557)         (971)         (1,016)           Operating (loss)/profit         (562)         2,666         4,631           Finance income         1         -         -           Accretion of decommissioning provision         -         (170)         (366)           Finance costs         (2,266)         (2,734)         (3,177)           Finance costs, accrued         -         -         -         (925)           Potential initial public offering charges         9         -         -         (576)           Loss before taxation         (2,827)         (238)         (413)           Taxation         8         -         -         -           Loss after taxation         (2,827)         (238)         (413)           Other comprehensive income attributable to the equity holders of the parent           Gain on foreign currency conversion         -         3         17           Total comprehensive (loss)/income for the year attributable to the equity holders of the parent         (2,827)         (235)         (396)   | (Loss)/gain on derivative financial instruments |      | (115)                                   | 1,091                                   | 402                                     |
| and equipment         -         (7)         (2)           Administrative costs         7         (557)         (971)         (1,016)           Operating (loss)/profit         (562)         2,666         4,631           Finance income         1         -         -           Accretion of decommissioning provision         -         (170)         (366)           Finance costs         (2,266)         (2,734)         (3,177)           Finance costs, accrued         -         -         -         (925)           Potential initial public offering charges         9         -         -         (576)           Loss before taxation         (2,827)         (238)         (413)           Taxation         8         -         -         -           Loss after taxation         (2,827)         (238)         (413)           Other comprehensive income attributable to the equity holders of the parent         -         3         17           Total comprehensive (loss)/income for the year attributable to the equity holders of the parent         (2,827)         (235)         (396)           Loss per Ordinary Share   | Gain on bargain purchase                        |      | -                                       | 914                                     | 6,582                                   |
| Operating (loss)/profit (562) 2,666 4,631  Finance income 1  Accretion of decommissioning provision - (170) (366)  Finance costs (2,266) (2,734) (3,177)  Finance costs, accrued (925)  Potential initial public offering charges 9 (576)  Loss before taxation (2,827) (238) (413)  Taxation 8  Loss after taxation (2,827) (238) (413)  Other comprehensive income attributable to the equity holders of the parent Gain on foreign currency conversion - 3 17  Total comprehensive (loss)/income for the year attributable to the equity holders of the parent (2,827) (235) (396)  |   |      | -                                       | (7)                                     | (2)                                     |
| Finance income  Accretion of decommissioning provision  Finance costs  (2,266)  (2,734)  (3,177)  Finance costs, accrued  (925)  Potential initial public offering charges  9 (576)  Loss before taxation  (2,827)  (238)  (413)  Taxation  8  Loss after taxation  (2,827)  (238)  (413)  Other comprehensive income attributable to the equity holders of the parent  Gain on foreign currency conversion  - 3 17  Total comprehensive (loss)/income for the year attributable to the equity holders of the parent  (2,827)  (235)  (396)  | Administrative costs                            | 7    | (557)                                   | (971)                                   | (1,016)                                 |
| Accretion of decommissioning provision  Finance costs  (2,266)  (2,734)  (3,177)  Finance costs, accrued  (925)  Potential initial public offering charges  9 (576)  Loss before taxation  (2,827)  (238)  (413)  Taxation  8  Loss after taxation  (2,827)  (238)  (413)  Other comprehensive income attributable to the equity holders of the parent  Gain on foreign currency conversion  Total comprehensive (loss)/income for the year attributable to the equity holders of the parent  (2,827)  (238)  (413)  Comprehensive (loss)/income for the year attributable to the equity holders of the parent  (2,827)  (235)  (396)  | Operating (loss)/profit                         |      | (562)                                   | 2,666                                   | 4,631                                   |
| Finance costs  (2,266) (2,734) (3,177)  Finance costs, accrued  (925)  Potential initial public offering charges 9 (576)  Loss before taxation (2,827) (238) (413)  Taxation 8  Loss after taxation (2,827) (238) (413)  Other comprehensive income attributable to the equity holders of the parent Gain on foreign currency conversion  Total comprehensive (loss)/income for the year attributable to the equity holders of the equity holders of the parent  (2,827) (238) (413)   | Finance income                                  |      | 1                                       | -                                       | -                                       |
| Finance costs, accrued  Potential initial public offering charges  9 (576)  Loss before taxation  (2,827)  (238)  (413)  Taxation  8  Loss after taxation  (2,827)  (238)  (413)  Other comprehensive income attributable to the equity holders of the parent  Gain on foreign currency conversion  Total comprehensive (loss)/income for the year attributable to the equity holders of the equity holders of the parent  (2,827)  (238)  (413)  (413)  (413)   | Accretion of decommissioning provision          |      | -                                       | (170)                                   | (366)                                   |
| Potential initial public offering charges 9 - (576)  Loss before taxation (2,827) (238) (413)  Taxation 8  Loss after taxation (2,827) (238) (413)  Other comprehensive income attributable to the equity holders of the parent Gain on foreign currency conversion - 3 17  Total comprehensive (loss)/income for the year attributable to the equity holders of the parent (2,827) (235) (396)  Loss per Ordinary Share   | Finance costs                                   |      | (2,266)                                 | (2,734)                                 | (3,177)                                 |
| Loss before taxation (2,827) (238) (413)  Taxation 8  Loss after taxation (2,827) (238) (413)  Other comprehensive income attributable to the equity holders of the parent Gain on foreign currency conversion - 3 17  Total comprehensive (loss)/income for the year attributable to the equity holders of the parent (2,827) (235) (396)  Loss per Ordinary Share  | Finance costs, accrued                          |      | -                                       | -                                       | (925)                                   |
| Taxation 8  Loss after taxation (2,827) (238) (413)  Other comprehensive income attributable to the equity holders of the parent Gain on foreign currency conversion - 3 17  Total comprehensive (loss)/income for the year attributable to the equity holders of the parent (2,827) (235) (396)  Loss per Ordinary Share  | Potential initial public offering charges       | 9    | -                                       | -                                       | (576)                                   |
| Loss after taxation (2,827) (238) (413)  Other comprehensive income attributable to the equity holders of the parent Gain on foreign currency conversion - 3 17  Total comprehensive (loss)/income for the year attributable to the equity holders of the parent (2,827) (235) (396)  Loss per Ordinary Share  | Loss before taxation                            |      | (2,827)                                 | (238)                                   | (413)                                   |
| Other comprehensive income attributable to the equity holders of the parent Gain on foreign currency conversion - 3 17  Total comprehensive (loss)/income for the year attributable to the equity holders of the parent (2,827) (235) (396)  Loss per Ordinary Share   | Taxation  | 8    | -                                       | -                                       | -                                       |
| equity holders of the parent Gain on foreign currency conversion - 3 17  Total comprehensive (loss)/income for the year attributable to the equity holders of the parent (2,827) (235) (396)  Loss per Ordinary Share  | Loss after taxation                             |      | (2,827)                                 | (238)                                   | (413)                                   |
| attributable to the equity holders of the parent (2,827) (235) (396)  Loss per Ordinary Share  | equity holders of the parent                    |      | -                                       | 3                                       | 17                                      |
|  |   |      | (2,827)                                 | (235)                                   | (396)                                   |
|  | Loss per Ordinary Share                         |      |   |   |   |
|  |   | 10   | \$(0.07)                                | \$(0.01)                                | \$(0.01)                                |

# Combined and consolidated statements of financial position

The combined and consolidated statements of financial position of the Group at 31 December 2013, 2014 and 2015 are set out below:

|   |          | Audited<br>As at<br>31<br>December<br>2013 | Audited<br>As at<br>31<br>December<br>2014 | Audited<br>As at<br>31<br>December<br>2015 |
|---|----------|--|--|--|
| ASSETS                                      | Note     | \$'000                                     | \$'000                                     | \$'000                                     |
| Non-current assets                          |          |  |  |  |
| Oil and gas properties                      | 12       | 27,023                                     | 31,056                                     | 42,353                                     |
| Property, plant and equipment               | 13       | 930  | 1,211                                      | 2,110                                      |
| Restricted cash                             | 15       | 90   | 90   | 115  |
|   |          | 28,043                                     | 32,357                                     | 44,578                                     |
| Current assets                              |          |  |  |  |
| Trade receivables                           | 16       | 1,033                                      | 1,151                                      | 1,759                                      |
| Derivative financial instruments            | 17       | -  | 876  | 17   |
| Other current assets                        |          | 17   | 22   | 43   |
| Cash and cash equivalents                   |          | 312  | 34   | 90   |
|   |          | 1,362                                      | 2,083                                      | 1,909                                      |
| TOTAL ASSETS                                |          | 29,405                                     | 34,440                                     | 46,487                                     |
| Equity Share capital Merger reserve         | 18       | 611<br>(478)                               | 611<br>(478)                               | 630<br>(478)                               |
| Accumulated losses                          |          | (5,189)                                    | (7,470)                                    | (8,969)                                    |
| Equity attributable to owners of the parent |          | (5,056)                                    | (7,337)                                    | (8,817)                                    |
| Non-current liabilities                     |          |  |  |  |
| Decommissioning provision                   | 20       | 2,651                                      | 3,466                                      | 8,869                                      |
| Capital lease                               | 22       | -  | -  | 58   |
| Derivative financial instruments            | 17       | 563  | -  | - 00 445                                   |
| Borrowings                                  | 21       | 28,430                                     | 13,559                                     | 20,115                                     |
| Other liabilities                           |          | 150  | 302  | 277  |
| Current liabilities                         |          | 31,794                                     | 17,327                                     | 29,319                                     |
|   | 22       | 0.470                                      | 2.252                                      | 2.060                                      |
| Trade and other payables                    | 23<br>21 | 2,178                                      | 3,352                                      | 2,869                                      |
| Borrowings Capital lease                    | 22       | 179  | 20,806                                     | 22,821<br>115                              |
| Other liabilities                           | 22       | 310  | 292  | 180  |
| Caron napinaco                              |          | 2,667                                      | 24,450                                     | 25,985                                     |
| Total liabilities                           |          | 34,461                                     | 41,777                                     | 55,304                                     |
| TOTAL EQUITY AND LIABILITIES                |          | 29,405                                     | 34,440                                     | 46,487                                     |

# Combined and consolidated statements of cash flows

The combined and consolidated statements of cash flow statements of the Group for each of the three years ended 31 December 2013, 2014 and 2015 are set out below:

| Loss before income tax from operations   | Cash flows from operating activities            | Audited<br>Year ended<br>31 December<br>2013<br>\$'000 | Audited<br>Year ended<br>31 December<br>2014<br>\$'000 | Audited<br>Year ended<br>31 December<br>2015<br>\$'000 |
|--|---|--|--|--|
| Depreciation, depletion and amortisation   2,308   2,531   3,388     Gain)/loss on derivative financial instruments   (237)   (1,440)   859     Accretion of decommissioning provision   - 169   366     Gain on sale of oil and gas properties   - (529)   (344)     Gain on bargain purchase   (6,582)     Gain on bargain purchase   (6,582)     Gain on sale of property, plant and equipment   68   7   2     Working capital adjustments:     Change in trade receivables   649   288   (589)     Change in trade receivables   649   288   (589)     Change in trade and other payables   (1,075)   874   (427)     Change in other current assets   8   (4)   (26)     Change in other liabilities   180   (123)   (182)     Change in provisions   196       Net cash (used in)/from operating activities   (730)   1,538   (3,931)     Cash flows from investing activities   (88)   (159)   (2,513)     Expenditures on oil and gas properties   (88)   (159)   (2,513)     Expenditures on property, plant, and equipment   (34)   (256)   (1,216)     Increase in restricted cash     (25)     Proceeds on disposal of property, plant and equipment   250   2   -     Proceeds on disposal of oil and gas properties   -   610   105     Net cash from/(used in) investing activities   128   197   (3,649)      Cash flows from financing activities   (442)   (744)   (680)     Payments of borrowings   1,385   2,540   10,090     Financing expense   (142)   (744)   (680)     Payments of borrowings   (647)   (348)   (844)     Proceeds from capital lease   -   -   (192     Contributions from stockholders   1,370   54   1,296     Dividends to stoc | Loss before income tax from operations          | (2,827)  | (235)  | (396)  |
| (Gain)/loss on derivative financial instruments         (237)         (1,440)         859           Accretion of decommissioning provision         -         169         366           Gain on sale of oil and gas properties         -         (529)         (344)           Gain on bargain purchase         -         -         (6,582)           Gain on sale of property, plant and equipment         68         7         2           Working capital adjustments:           649         288         (589)           Change in trade receivables         649         288         (589)           Change in other current assets         8         (4)         (26)           Change in trade and other payables         (1,075)         874         (427)           Change in trade and other payables         180         (123)         (182)           Change in provisions         196         -         -           Net cash (used in)/from operating activities         (730)         1,538         (3,931)           Cash flows from investing activities         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -   | Adjustments to add/(deduct) non-cash items:     |  |  |  |
| Accretion of decommissioning provision         -         169         366           Gain on sale of oil and gas properties         -         (529)         (344)           Gain on bargain purchase         -         -         (6,582)           Gain on sale of property, plant and equipment         68         7         2           Working capital adjustments:         -         -         2           Change in trade receivables         649         288         (589)           Change in other current assets         8         (4)         (26)           Change in other liabilities         180         (123)         (182)           Change in provisions         196         -         -           Net cash (used in)/from operating activities         (730)         1,538         (3,931)           Cash flows from investing activities         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         (25)           Proceeds on disposal of property, plant, and equipment         250         2         -           Increase in restricted cash         -         610         105           Net cash  | Depreciation, depletion and amortisation        | 2,308  | 2,531  | 3,388  |
| Gain on sale of oil and gas properties         -         (529)         (344)           Gain on bargain purchase         -         -         (6,582)           Gain on sale of property, plant and equipment         68         7         2           Working capital adjustments:         8         49         288         (589)           Change in trade receivables         649         288         (589)           Change in other current assets         8         (4)         (26)           Change in trade and other payables         (1,075)         874         (427)           Change in trade and other payables         180         (123)         (182)           Change in provisions         196         -         -           Net cash (lused in)/from operating activities         730)         1,538         (3,931)           Expenditures on oil and gas properties         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         (25)           Proceeds on disposal of property, plant and equipment         250         2         -           Increase in restricted cash         -         610         105  | (Gain)/loss on derivative financial instruments | (237)  | (1,440)  | 859  |
| Gain on bargain purchase         -         -         (6,582)           Gain on sale of property, plant and equipment         68         7         2           Working capital adjustments:         8         7         2           Change in trade receivables         649         288         (589)           Change in other current assets         8         (4)         (26)           Change in other liabilities         180         (123)         (182)           Change in provisions         196         -         -           Net cash (used in)/from operating activities         (730)         1,538         (3,931)           Cash flows from investing activities         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         610         105           Net cash from/(u  | Accretion of decommissioning provision          | -  | 169  | 366  |
| Gain on sale of property, plant and equipment         68         7         2           Working capital adjustments:         Change in trade receivables         649         288         (589)           Change in other current assets         8         (4)         (26)           Change in other current assets         8         (4)         (26)           Change in other liabilities         180         (123)         (182)           Change in provisions         196         -         -           Net cash (used in)/from operating activities         (730)         1,538         (3,931)           Cash flows from investing activities         (88)         (159)         (2,513)           Expenditures on oil and gas properties         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         (25)           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of oil and gas properties         -         610         105           Net cash from/(used in) investing activities         1,385         2,540         10,090           Financing expense  | Gain on sale of oil and gas properties          | -  | (529)  | (344)  |
| Working capital adjustments:         Change in trade receivables         649         288         (589)           Change in other current assets         8         (4)         (26)           Change in other current assets         8         (4)         (26)           Change in other liabilities         (1,075)         874         (427)           Change in other liabilities         180         (123)         (182)           Change in provisions         196         -         -           Net cash (used in)/from operating activities         (730)         1,538         (3,931)           Cash flows from investing activities         8         (159)         (2,513)           Expenditures on oil and gas properties         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         (25)           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of property <td< td=""><td>Gain on bargain purchase</td><td>-</td><td>-</td><td>(6,582)</td></td<>   | Gain on bargain purchase                        | -  | -  | (6,582)  |
| Change in trade receivables         649         288         (589)           Change in other current assets         8         (4)         (26)           Change in trade and other payables         (1,075)         874         (427)           Change in other liabilities         180         (123)         (182)           Change in provisions         196         -         -           Net cash (used in)/from operating activities         (730)         1,538         (3,931)           Cash flows from investing activities         88         (159)         (2,513)           Expenditures on oil and gas properties         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         (25)           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of property, plant and equipment and equipment in the proceeds in the proceeds from financing activities         197         (3,649)           Proceeds   | Gain on sale of property, plant and equipment   | 68   | 7  | 2  |
| Change in other current assets         8         (4)         (26)           Change in trade and other payables         (1,075)         874         (427)           Change in other liabilities         180         (123)         (182)           Change in provisions         196         -         -           Net cash (used in)/from operating activities         (730)         1,538         (3,931)           Cash flows from investing activities         (88)         (159)         (2,513)           Expenditures on oil and gas properties         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         -         (25)           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of property, plant and equipment         250         2         -           Ret cash from/(used in) in   | Working capital adjustments:                    |  |  |  |
| Change in trade and other payables         (1,075)         874         (427)           Change in other liabilities         180         (123)         (182)           Change in provisions         196         -         -           Net cash (used in)/from operating activities         (730)         1,538         (3,931)           Cash flows from investing activities         (88)         (159)         (2,513)           Expenditures on oil and gas properties         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         -         (25)           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of oil and gas properties         -         610         105           Net cash from/(used in) investing activities         128         197         (3,649)           Cash flows from financing activities         1,385         2,540         10,090           Financing expense         (142)         (744)         (680)           Payments of borrowings         (647)         (348)         (844)           Proceeds from capital lease         -         -   | Change in trade receivables                     | 649  | 288  | (589)  |
| Change in other liabilities         180         (123)         (182)           Change in provisions         196         -         -           Net cash (used in)/from operating activities         (730)         1,538         (3,931)           Cash flows from investing activities         (88)         (159)         (2,513)           Expenditures on oil and gas properties         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         (25)           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of oil and gas properties         -         610         105           Net cash from/(used in) investing activities         128         197         (3,649)           Cash flows from financing activities         1,385         2,540         10,090           Financing expense         (142)         (744)         (680)           Payments of borrowings         1,385         2,540         10,090           Financing expense         (142)         (744)         (680)           Payments of borrowings         (647)         (348)         (844)  | Change in other current assets                  | 8  | (4)  | (26)   |
| Change in provisions         196         -         -           Net cash (used in)/from operating activities         (730)         1,538         (3,931)           Cash flows from investing activities         (88)         (159)         (2,513)           Expenditures on oil and gas properties         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         -         (25)           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of oil and gas properties         -         610         105           Net cash from/(used in) investing activities         128         197         (3,649)           Cash flows from financing activities         1,385         2,540         10,090           Financing expense         (142)         (744)         (680)           Payments of borrowings         (647)         (348)         (844)           Proceeds from capital lease         -         -         (19)           Contributions from stockholders         1,370         54         1,296           Dividends to stockholders pre Group reconstruction         (1,127) <td>Change in trade and other payables</td> <td>(1,075)</td> <td>874</td> <td>(427)</td>  | Change in trade and other payables              | (1,075)  | 874  | (427)  |
| Net cash (used in)/from operating activities         (730)         1,538         (3,931)           Cash flows from investing activities         (88)         (159)         (2,513)           Expenditures on oil and gas properties         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         -         (25)           Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of oil and gas properties         -         610         105           Net cash from/(used in) investing activities         128         197         (3,649)           Cash flows from financing activities         1,385         2,540         10,090           Financing expense         (142)         (744)         (680)           Payments of borrowings         (647)         (348)         (844)           Proceeds from capital lease         -         -         192           Repayment of capital lease         -         -         (19)           Contributions from stockholders         1,370         54         1,296           Dividends to stockholders         (1,127)         (3,5   | Change in other liabilities                     | 180  | (123)  | (182)  |
| Cash flows from investing activities         Expenditures on oil and gas properties       (88)       (159)       (2,513)         Expenditures on property, plant, and equipment       (34)       (256)       (1,216)         Increase in restricted cash       -       -       -       (25)         Proceeds on disposal of property, plant and equipment       250       2       -         Proceeds on disposal of oil and gas properties       -       610       105         Net cash from/(used in) investing activities       128       197       (3,649)         Cash flows from financing activities       2,540       10,090         Financing expense       (142)       (744)       (680)         Payments of borrowings       (647)       (348)       (844)         Proceeds from capital lease       -       -       192         Repayment of capital lease       -       -       (19)         Contributions from stockholders       1,370       54       1,296         Dividends to stockholders       (1,127)       (3,515)       (2,399)         Net cash from/(used in) financing activities       839       (2,013)       7,636         Increase/(decrease) in cash       237       (278)       56  | Change in provisions                            | 196  | -  | -  |
| Expenditures on oil and gas properties         (88)         (159)         (2,513)           Expenditures on property, plant, and equipment         (34)         (256)         (1,216)           Increase in restricted cash         -         -         -         (25)           Proceeds on disposal of property, plant and equipment         250         2         -         -           Proceeds on disposal of oil and gas properties         -         610         105           Net cash from/(used in) investing activities         128         197         (3,649)           Cash flows from financing activities         -         610         105           Proceeds from borrowings         1,385         2,540         10,090           Financing expense         (142)         (744)         (680)           Payments of borrowings         (647)         (348)         (844)           Proceeds from capital lease         -         -         192           Repayment of capital lease         -         -         (19)           Contributions from stockholders         1,370         54         1,296           Dividends to stockholders         (1,127)         (3,515)         (2,399)           Net cash from/(used in) financing activities         839         (2,013  | Net cash (used in)/from operating activities    | (730)  | 1,538  | (3,931)  |
| Expenditures on property, plant, and equipment   (34)   (256)   (1,216)  | Cash flows from investing activities            |  |  |  |
| Proceeds on disposal of property, plant and equipment   250   2   - Proceeds on disposal of oil and gas properties   -   610   105   | Expenditures on oil and gas properties          | (88)   | (159)  | (2,513)  |
| Proceeds on disposal of property, plant and equipment         250         2         -           Proceeds on disposal of oil and gas properties         -         610         105           Net cash from/(used in) investing activities         128         197         (3,649)           Cash flows from financing activities         -         610         105           Proceeds from borrowings         1,385         2,540         10,090           Financing expense         (142)         (744)         (680)           Payments of borrowings         (647)         (348)         (844)           Proceeds from capital lease         -         -         192           Repayment of capital lease         -         -         (19)           Contributions from stockholders         1,370         54         1,296           Dividends to stockholders         (1,127)         (3,515)         (2,399)           Net cash from/(used in) financing activities         839         (2,013)         7,636           Increase/(decrease) in cash         237         (278)         56           Cash and cash equivalents, beginning of period         75         312         34  | Expenditures on property, plant, and equipment  | (34)   | (256)  | (1,216)  |
| and equipment         250         2         -           Proceeds on disposal of oil and gas properties         -         610         105           Net cash from/(used in) investing activities         128         197         (3,649)           Cash flows from financing activities         -         2,540         10,090           Froceeds from borrowings         1,385         2,540         10,090           Financing expense         (142)         (744)         (680)           Payments of borrowings         (647)         (348)         (844)           Proceeds from capital lease         -         -         -         192           Repayment of capital lease         -         -         (199)           Contributions from stockholders         1,370         54         1,296           Dividends to stockholders         1,370         54         1,296           Dividends to stockholders         (1,127)         (3,515)         (2,399)           Net cash from/(used in) financing activities         839         (2,013)         7,636           Increase/(decrease) in cash         237         (278)         56           Cash and cash equivalents, beginning of period         75         312         34   | Increase in restricted cash                     | -  | -  | (25)   |
| Net cash from/(used in) investing activities         128         197         (3,649)           Cash flows from financing activities         Proceeds from borrowings         1,385         2,540         10,090           Financing expense         (142)         (744)         (680)           Payments of borrowings         (647)         (348)         (844)           Proceeds from capital lease         -         -         192           Repayment of capital lease         -         -         (19)           Contributions from stockholders         1,370         54         1,296           Dividends to stockholders         1,370         54         1,296           Dividends to stockholders         (1,127)         (3,515)         (2,399)           Net cash from/(used in) financing activities         839         (2,013)         7,636           Increase/(decrease) in cash         237         (278)         56           Cash and cash equivalents, beginning of period         75         312         34  |   | 250  | 2  | -  |
| Cash flows from financing activities         Proceeds from borrowings       1,385       2,540       10,090         Financing expense       (142)       (744)       (680)         Payments of borrowings       (647)       (348)       (844)         Proceeds from capital lease       -       -       192         Repayment of capital lease       -       -       (19)         Contributions from stockholders       1,370       54       1,296         Dividends to stockholders       (1,127)       (3,515)       (2,399)         Net cash from/(used in) financing activities       839       (2,013)       7,636         Increase/(decrease) in cash       237       (278)       56         Cash and cash equivalents, beginning of period       75       312       34  | Proceeds on disposal of oil and gas properties  | -  | 610  | 105  |
| Proceeds from borrowings         1,385         2,540         10,090           Financing expense         (142)         (744)         (680)           Payments of borrowings         (647)         (348)         (844)           Proceeds from capital lease         -         -         192           Repayment of capital lease         -         -         (19)           Contributions from stockholders         1,370         54         1,296           Dividends to stockholders         54         1,296         1,296           Net cash from/(used in) financing activities         839         (2,013)         7,636           Increase/(decrease) in cash         237         (278)         56           Cash and cash equivalents, beginning of period         75         312         34  | Net cash from/(used in) investing activities    | 128  | 197  | (3,649)  |
| Financing expense       (142)       (744)       (680)         Payments of borrowings       (647)       (348)       (844)         Proceeds from capital lease       -       -       192         Repayment of capital lease       -       -       (19)         Contributions from stockholders       1,370       54       1,296         Dividends to stockholders       54       1,296         Dividends to stockholders       (1,127)       (3,515)       (2,399)         Net cash from/(used in) financing activities       839       (2,013)       7,636         Increase/(decrease) in cash       237       (278)       56         Cash and cash equivalents, beginning of period       75       312       34  | Cash flows from financing activities            |  |  |  |
| Payments of borrowings         (647)         (348)         (844)           Proceeds from capital lease         -         -         192           Repayment of capital lease         -         -         (19)           Contributions from stockholders         1,370         54         1,296           Dividends to stockholders         54         1,296           Dividends to stockholders         (1,127)         (3,515)         (2,399)           Net cash from/(used in) financing activities         839         (2,013)         7,636           Increase/(decrease) in cash         237         (278)         56           Cash and cash equivalents, beginning of period         75         312         34  | Proceeds from borrowings                        | 1,385  | 2,540  | 10,090   |
| Proceeds from capital lease         -         -         192           Repayment of capital lease         -         -         (19)           Contributions from stockholders         1,370         54         1,296           Dividends to stockholders         54         1,296           Pre Group reconstruction         (1,127)         (3,515)         (2,399)           Net cash from/(used in) financing activities         839         (2,013)         7,636           Increase/(decrease) in cash         237         (278)         56           Cash and cash equivalents, beginning of period         75         312         34  | Financing expense                               | (142)  | (744)  | (680)  |
| Repayment of capital lease(19)Contributions from stockholders1,370541,296Dividends to stockholders<br>pre Group reconstruction(1,127)(3,515)(2,399)Net cash from/(used in) financing activities839(2,013)7,636Increase/(decrease) in cash237(278)56Cash and cash equivalents, beginning of period7531234   | Payments of borrowings                          | (647)  | (348)  | (844)  |
| Contributions from stockholders1,370541,296Dividends to stockholders<br>pre Group reconstruction(1,127)(3,515)(2,399)Net cash from/(used in) financing activities839(2,013)7,636Increase/(decrease) in cash237(278)56Cash and cash equivalents, beginning of period7531234   | Proceeds from capital lease                     | -  | -  | 192  |
| Dividends to stockholders pre Group reconstruction (1,127) (3,515) (2,399)  Net cash from/(used in) financing activities 839 (2,013) 7,636  Increase/(decrease) in cash 237 (278) 56  Cash and cash equivalents, beginning of period 75 312 34   | Repayment of capital lease                      | -  | -  | (19)   |
| pre Group reconstruction         (1,127)         (3,515)         (2,399)           Net cash from/(used in) financing activities         839         (2,013)         7,636           Increase/(decrease) in cash         237         (278)         56           Cash and cash equivalents, beginning of period         75         312         34  | Contributions from stockholders                 | 1,370  | 54   | 1,296  |
| Net cash from/(used in) financing activities839(2,013)7,636Increase/(decrease) in cash237(278)56Cash and cash equivalents, beginning of period7531234  |   | (1.127)  | (3.515)  | (2.399)  |
| Increase/(decrease) in cash237(278)56Cash and cash equivalents, beginning of period7531234   |   | · · · · · · · · · · · · · · · · · · ·                  | · · · · · · · · · · · · · · · · · · ·                  |  |
| Cash and cash equivalents, beginning of period 75 312 34   |   |  | •                |  |
|  |   |  |  |  |
|  | Cash and cash equivalents, end of period        | 312  | 34   | 90   |

# Combined and consolidated statements of changes in shareholders' equity

The combined and consolidated statements of changes in shareholders' equity of the Group for each of the three years ended 31 December 2013, 2014 and 2015 are set out below:

|   | Share<br>capital | Merger<br>reserve | Accumulated losses | Total   |
|---|------------------|-------------------|--------------------|---------|
|   | \$'000           | \$'000            | \$'000             | \$'000  |
| Balance as at 1 January 2013            | 611              | (478)             | (2,605)            | (2,472) |
| Loss for the year after taxation        | -                | -                 | (2,827)            | (2,827) |
| Total comprehensive income for the year | -                | -                 | (2,827)            | (2,827) |
| Contributions from stockholders         | -                | -                 | 1,370              | 1,370   |
| Distributions to stockholders           | -                | -                 | (1,127)            | (1,127) |
| Transactions with owners                | -                | -                 | 243                | 243     |
| Balance as at 31 December 2013          | 611              | (478)             | (5,189)            | (5,056) |
| Loss for the year after taxation        | -                | -                 | (238)              | (238)   |
| Gain on foreign currency conversion     | -                | -                 | 3                  | 3       |
| Total comprehensive income for the year | -                | -                 | (235)              | (235)   |
| Contributions from stockholders         | -                | -                 | 554                | 554     |
| Distributions to stockholders           | <u>-</u>         | -                 | (2,600)            | (2,600) |
| Transactions with owners                | -                | -                 | (2,046)            | (2,046) |
| Balance as at 31 December 2014          | 611              | (478)             | (7,470)            | (7,337) |
| Loss for the year after taxation        | -                | -                 | (413)              | (413)   |
| Gain on foreign currency conversion     | -                | -                 | 17                 | 17      |
| Total comprehensive income for the year | -                | -                 | (396)              | (396)   |
| Contributions from stockholders         | -                | -                 | 1,296              | 1,296   |
| Distributions to stockholders           | -                | -                 | (2,399)            | (2,399) |
| Issuance of capital                     | 19               | -                 |                    | 19      |
| Transactions with owners                | 19               | -                 | (1,103)            | (1,084) |
| Balance as at 31 December 2015          | 630              | (478)             | (8,969)            | (8,817) |

#### **Notes to the Group Financial Information**

#### 1. Corporate information

The Company is an Appalachian focused natural gas and crude oil operations company with headquarters in Birmingham, Alabama, USA. The Company was incorporated on 31 July 2014 in England and Wales as a private limited company under company number 09156132. The Company's registered office is located at 27/28 Eastcastle Street, London, W1W 8DH. The principal activity of the Company is that of a holding company to the Group. The principal activity of the Group is that of conventional gas and oil production in Ohio and West Virginia, USA.

#### 2. Business consolidation

Effective 1 June 2015, Robert R. Hutson, Jr and Robert M. Post collectively assigned their capital stock of membership interest in the following companies to Diversified Gas & Oil Corporation:

- Diversified Resources Inc.;
- M&R Investments, LLC;
- M&R Investments Ohio, LLC;
- Marshall Gas & Oil Corporation;
- R&K Oil and Gas Inc.;
- Fund 1 DR, LLC. and
- Diversified Oil & Gas LLC.

In exchange for the equity of the Group's subsidiary companies, Hutson Jr. and Post were issued 4,000 shares of common stock of par value \$0.01 in Diversified Gas & Oil Corporation.

Effective 10 June 2015, Robert R. Hutson, Jr. and Robert M. Post collectively transferred their 4,000 shares of common stock in Diversified Gas & Oil Corporation to the Company. In exchange for their common stock of Diversified Gas & Oil Corporation, Hutson Jr. and Post were collectively issued 35,000,000 shares of common stock of par value £0.01 in the Company.

No impairment has been recognised in the Group Financial Information. On the stand-alone Company financial information, the carrying value at 31 December 2015 of investments held was \$535,000 (approximately £350,000); however this balance is eliminated on consolidation.

# 3. Basis of preparation and change of accounting policy

#### a) Basis of preparation and measurement

The Group Financial Information has been prepared in accordance with IFRS, issued by the International Accounting Standards Board, including interpretations issued by the International Financial Reporting Interpretations Committee and the Companies Act 2006 applicable to companies reporting under IFRS. The Group Financial Information has been prepared under the historical cost convention, except for acquisitions and derivative financial instruments that have been measured at fair value through profit and loss.

As described in note 2 to the Group Financial Information, the transactions between the Company and the stockholders Hutson and Post which resulted in the formation of the Group did not become unconditional until 10 June 2015. The Directors consider the substance of the acquisition of the subsidiary undertakings set out in note 2 to the Group Financial Information to the Group Financial Information by the Company to have been a reverse asset acquisition by the subsidiary undertakings and that the substance of the subsidiary undertakings listed in note 2 to the Group Financial Information was that of a single business under common ownership and control. Further, the Directors consider that the Company did not meet the definition of a business set out in IFRS 3 "Business combinations". As a consequence, the Directors consider that the business combination which gave rise to the formation of the Group fell outside the scope of IFRS 3 and have applied the business reorganisation principles of UK GAAP to account for the combination. The Group Financial Information therefore presents the combination as a continuation of the combined financial information of the subsidiary undertakings with no goodwill arising on the transaction. The Group Financial Information is presented as if the Group structure has always been in place, including the activities from incorporation of the Group's subsidiary undertakings.

Unless otherwise stated, the Group Financial Information is presented in \$, which is the currency of the primary economic environment in which the Group operates. All values are rounded to the nearest thousand \$ except where otherwise stated.

The Group Financial Information has been prepared on the going concern basis, which assumes that the Group will be able to meet its liabilities as they fall due for the foreseeable future.

#### b) New standards and interpretations not yet adopted

There are no new IFRSs or IFRIC interpretations that are effective for the first time for the financial period. A number of new standards and amendments to standards and interpretations have been issued but are not yet effective and in some cases have not yet been adopted by the EU. The Directors do not expect that the adoption of these standards will have a material impact on the financial statements of the Company in future periods, except that IFRS 9 will impact both the measurement and disclosures of financial instruments, IFRS 15 may have an impact on revenue recognition and related disclosures and IFRS 16 will have an impact on the recognition of operating leases. At this point the Directors have yet to conclude on their assessment to provide a reasonable estimate of the effect of these standards as their detailed review of these standards is still ongoing.

## 4. Significant accounting judgments, estimates and assumptions

The Directors have made the following judgments, apart from those involving estimates, which may have the most significant effect on the amounts recognised in the Group Financial Information:

## a) Valuation of intangible oil and gas assets on acquisition

Proved reserves are estimated by reference to available geological and engineering data and only include volumes for which access to market is assured with reasonable certainty. Estimates of proved reserves are inherently imprecise, require the application of judgement and are subject to regular revision, either upward or downward, based on new information such as from the drilling of additional wells, observation of long-term reservoir performance under producing conditions and changes in economic factors, including product prices, contract terms or development plans. An assessment of the value of these proved reserves on acquisition is produced, taking into account the discounted cash flows of production to a present value. The Group uses a discount ranging between 10% and 30% for such acquisitions, depending on the market conditions at the time of the transaction as well any additional risk factors arising in relation to the particular transaction, in order to obtain a fair value estimate of oil and gas properties.

## b) Impairment indicators for oil and gas properties

The recoverable amounts of cash-generating units and individual assets have been determined based on the higher of value-in-use calculations and fair values less costs to sell. These calculations require the use of estimates and assumptions. It is reasonably possible that the commodity price assumption may change, which may then impact the estimated life of the field and may then require a material adjustment to the carrying value of natural gas and crude oil property. The Group monitors internal and external indicators of impairment relating to its long-lived assets.

Following a review by the Directors of ongoing operational performance of the Group's natural gas and crude oil properties for each of the periods ending 31 December 2013, 31 December 2014 and 31 December 2015, the Directors are of the opinion that no impairment indicators are apparent for these assets.

## c) Reserve estimates

Reserves are estimates of the amount of natural gas and crude oil product that can be economically and legally extracted from the Group's properties. In order to calculate the reserves, estimates and assumptions are required about a range of geological, technical and economic factors, including quantities, production techniques, recovery rates, production costs, transport costs, commodity demand, commodity prices and exchange rates.

Estimating the quantity and/or grade of reserves requires the size, shape and depth of fields to be determined by analysing geological data, such as drilling samples. This process may require complex and difficult geological judgments and calculations to interpret the data. The Directors have engaged third-party engineers who are considered experts and have extensive experience in oil and gas engineering, with focus in the Appalachian Basin of the US.

Given the economic assumptions used to estimate reserves change from year to year and, because additional geological data is generated during the course of operations, estimates of reserves may change from time to time.

Changes in reported reserves may affect the Group's financial results and financial position in a number of ways, including the following:

- asset carrying values may be affected by possible impairment due to adverse changes in estimated future cash flows; and
- depreciation, depletion and amortisation charged in the statement of comprehensive income may change where such charges are determined by the units of production basis, or where the useful economic lives of assets change.

## d) Decommissioning costs

These costs will be incurred by the Group at the end of the operating life of some of the Group's properties. The ultimate decommissioning costs are uncertain and cost estimates can vary in response to many factors including changes to relevant legal requirements, the emergence of new restoration techniques or experience at other production sites. The expected timing and amount of expenditure can also change, for example, in response to changes in reserves or changes in laws and regulations or their interpretation. As a result, there could be significant adjustments to the provisions established which would affect future financial results.

#### e) Income taxes

As a result of the share transfer after 31 December 2015, all subsidiaries will lose their pass-through tax status, will be subject to U.S. federal and state income tax and will begin filing a consolidated U.S. federal income tax return and separate company state tax returns. The Group's Subsidiaries have identified its federal tax return and its state tax returns in West Virginia, Ohio and Pennsylvania as "major" tax jurisdictions, as defined. As at each of 31 December 2013, 31 December 2014 and 31 December 2015, no deferred tax asset or liability existed. At this time, it is unknown the financial effect and tax rates of this change. As the Group is currently loss making, these changes are not expected to have a material impact when they take effect.

## f) Functional and presentation currency

The individual financial information of the Company and the Group's subsidiaries is measured in the currency of the primary economic environment in which the entity operates (its functional currency). The financial information of the subsidiaries is presented in \$, which is the presentation currency of the Company.

#### g) Going concern

The Directors have considered financial resources together with their projected financial information of the Company and the Group. As a consequence, the Directors believe that the Group is well placed to manage its business risks successfully despite the current downturn in global oil and gas prices. After making enquiries, the Directors have a reasonable expectation that the Company and the Group have adequate resources to continue in operational existence for the foreseeable future. Accordingly, they continue to adopt the going concern basis in preparing the annual report and accounts.

## 5. Summary of significant accounting policies

The preparation of the Group Financial Information in compliance with IFRS requires the Directors to exercise judgment in applying the Company's accounting policies. The areas involving a higher degree of judgment or complexity, or areas where assumptions and estimates are significant to the Group Financial Information are disclosed in Notes 3 and 4 to the Group Financial Information.

# a) Cash

Cash on the balance sheet comprises cash at banks. Balances held at banks, at times, exceed federally insured amounts. The Group has not experienced any losses in such accounts and the Directors believe the Group is not exposed to any significant credit risk on its cash.

For the purpose of the consolidated cash flow statement, cash and cash equivalents consist of cash and cash equivalents as defined above, net of outstanding bank overdrafts.

#### b) Trade receivables

Trade receivables are stated at the historical carrying amount, net of any provisions required. Trade receivables from joint interest owners are generally with other oil and natural gas companies that own a working interest in the properties operated by the Group. The Group has the ability to withhold future revenue payments to recover any non-payment of joint interest trade receivables.

Trade receivables are due from customers throughout the oil and natural gas industry. Although diversified among many companies, collectability is dependent on the financial condition of each individual company as well as the general economic conditions of the industry. The Directors review the financial condition of customers prior to extending credit and generally do not require collateral in support of the Group's trade receivables. Any changes in the Directors' provision for un-collectability of trade receivables during the period is recognised in the statement of comprehensive income.

#### c) Derivative financial instruments

Derivatives are used as part of the Directors' overall strategy to mitigate risk associated with the unpredictability of cash flows due to volatility in commodity prices and interest rates. Further details of the Group's exposure to these risks are detailed in note 17 to the Group Financial Information. The Group has entered into two types of contracts which are considered derivatives:

- financial instruments such as swaps and collars which result in net cash settlement each month and do not result in physical deliveries; and
- non-financial instruments considered normal purchases and normal sales, with physical delivery or receipt of commodities in the ordinary course of business.

The derivative contracts are initially recognised at fair value at the date that the contract is entered into and re-measured to fair value every balance sheet date. The resulting gain or loss is recognised in the statement of comprehensive income in period incurred.

## d) Restricted cash

Cash held for bonding purposes is classified as restricted cash and recorded within non-current assets.

# e) Pre-license costs

Pre-license costs are expensed in the period in which they are incurred.

## f) Exploration and evaluation costs

The Group follows IFRS 6 in accounting for oil and gas assets. Costs incurred prior to obtaining the legal rights to explore an area are expensed immediately to the statement of comprehensive income. Only material expenditure incurred after the acquisition of a license interest is capitalised. Historically, the expenditure has not been deemed material, as the Group drills in active areas where there are minimal and immaterial exploration and evaluation costs and therefore the cost has been expensed.

#### q) Development costs

Expenditure on the construction, installation or completion of infrastructure facilities, such as platforms and pipelines, and the drilling of development wells, including unsuccessful development or delineation wells, is capitalised within oil and gas properties.

#### h) Oil and gas properties and property and equipment

Oil and gas properties and property and equipment are stated at cost, less accumulated depletion/depreciation and accumulated impairment losses.

The initial cost of an asset comprises its purchase price or construction cost, any costs directly attributable to bringing the asset into operation, the initial estimate of the decommissioning obligation, for qualifying assets, and borrowing costs. The purchase price or construction cost is the aggregate amount paid and the fair value of any other consideration given to acquire the asset. The capitalised value of a finance lease is also included within property and equipment.

## i) Depreciation and depletion

Oil and gas properties are depleted on a unit-of-production basis over the proved reserves of the field concerned, except in the case of assets whose useful life is shorter than the lifetime of the field, in which case the straight-line method is applied. Rights and concessions are depleted on the unit-of-production basis over the total proven reserves of the relevant area. The unit-of-production rate for the depreciation of field development costs takes into account expenditures incurred to date, together with sanctioned future development expenditure. Property, plant and equipment are stated at cost less accumulated depreciation and impairment losses, if any. The cost of an item of property, plant and equipment initially recognised includes its purchase price and any cost that is directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by the Directors.

Property, plant and equipment are generally depreciated on a straight-line basis over their estimated useful lives:

Drilling costs and equipment 7 - 15 years
Buildings and leasehold improvements 10 - 39 years
Motor vehicles 5 - 7 years
Other property and equipment 3 - 5 years

Property and equipment held under finance leases are depreciated over the shorter of lease term and estimated useful life.

## j) Development and production asset swaps

Exchanges of development and production assets are measured at fair value unless the exchange transaction lacks commercial substance or the fair value of neither the asset received nor the asset given up is reliably measurable. The cost of the acquired asset is measured at the fair value of the asset given up, unless the fair value of the asset received is more clearly evident. Where fair value is not used, the cost of the acquired asset is measured at the carrying amount of the amount given up. Any gain or loss on de-recognition of the asset given up is recognised in profit or loss.

## k) Major maintenance and repairs

Expenditure on major maintenance refits or repairs comprises the cost of replacement assets or parts of assets, inspection costs and overhaul costs. Where an asset or part of an asset that was separately depreciated and is now written off is replaced, and it is probable that future economic benefits associated with the item will flow to the Group, the expenditure is capitalised. Where part of the asset was not separately considered as a component, the replacement value is used to estimate the carrying amount of the replaced assets which is immediately written off. Inspection costs associated with major maintenance programs are capitalised and amortised over the period to the next inspection. All other maintenance costs are expensed as incurred.

## I) Impairment of non-financial assets

The Directors assess at each reporting date whether there is an indication that an asset may be impaired. If any indication exists, or when annual impairment testing for an asset is required, the Directors estimate the asset's recoverable amount. An asset's recoverable amount is the higher of an asset's or cash-generating unit's fair value less costs to sell and its value-in-use and is determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or groups of assets. Where the carrying amount of an asset or cash-generating unit exceeds its recoverable amount, the asset is considered impaired and is written down to its recoverable amount. In assessing value-in-use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. In determining fair value less costs to sell, recent market transactions are taken into account, if available. If no such transactions can be identified, an appropriate valuation model is used.

The Directors base impairment calculations on detailed budgets and projections calculations which are prepared separately for each of the Group's cash-generating units to which the individual assets are allocated. These budgets and projections calculations are generally covering a period of five years.

Impairment losses of continuing operations are recognised in the statement of comprehensive income in those expense categories consistent with the function of the impaired asset.

#### m) Leases

The determination of whether an arrangement is, or contains, a lease is based on the substance of the arrangement at inception date: whether fulfilment of the arrangement is dependent on the use of a specific asset or assets or the arrangement conveys a right to use the asset.

#### n) Provisions for decommission

A decommissioning liability is recognised when the Group has a present legal or constructive obligation as a result of past events, and it is probable that an outflow of resources will be required to settle the obligation, and a reliable estimate of the amount of obligation can be made. A corresponding amount equivalent to the provision is also recognised as part of the cost of the related property and equipment. The amount recognised is the estimated cost of decommissioning, discounted to its present value. Changes in the estimated timing of decommissioning or decommissioning cost estimates are dealt with prospectively by recording an adjustment to the provision, and a corresponding adjustment to property, plant and equipment. The unwinding of the discount on the decommissioning provision is included as accretion of decommissioning provision.

## o) Income taxes

During the year ended 31 December 2015, Diversified Gas and Oil Corp was a C-corporation which had no income tax activity. M&R Investments, LLC, M&R Investments Ohio, LLC, Fund 1 DR, LLC were single-member limited liability companies, Diversified Oil & Gas, LLC was a limited liability company, whilst Diversified Resources, Inc., Marshall Gas & Oil Corporation and R&K Oil and Gas, Inc. were S-corporations which were formed under state statutes and taxed for federal and state purposes as a partnership. Therefore, each subsidiary reported their proportionate share of the Group's taxable income or loss on their respective income tax return.

The provision for income taxes relates to state income taxes, for those states that do not recognise the pass-through of income to individual members. Due to its pass-through status (or tax-exempt status), Diversified Gas and Oil Corp. is not subject to U.S. federal income tax. The Group has identified its federal tax return and its state tax returns in West Virginia, Ohio, and Pennsylvania as "major" tax jurisdictions, as defined.

As a result of the transaction between the Company and stockholders Hutson Jr. and Post, after 31 December 2015, all of the Group's subsidiaries will lose their pass-through tax status, will be subject to U.S. federal and state income tax, and will begin filing a consolidated U.S. federal income tax return and separate company state tax returns.

The Company is taxed as a public limited company in England and Wales.

## p) Revenue recognition

Natural gas and crude oil

Revenue from sale of oil and petroleum products is recognised when the significant risks and rewards of ownership have been transferred, which is when title passes to the customer. This generally occurs when product is physically transferred into a vessel, pipe or other delivery mechanism.

Revenue from the production of oil in which the Group has an interest with other producers is recognised based on the Group's working interest and the terms of the relevant production sharing contracts. Differences between production sold and the Group's share of production are not significant.

# Oil and gas program revenue

Revenue from the operation of third party wells is recognised as earned in the month work is performed and in line with the Group's contractual obligations.

## Water disposal revenue

Revenue from the third party's disposal of water into the Group's disposal well is recognised as earned in the month water was physically disposed.

## Operator revenue

Revenue from sale of working interest ownership in the Group's operated wells is recognised as earned in the month the ownership transfers to or from the third party working interest investor.

Revenue is stated after deducting sales taxes, production taxes, excise duties and similar levies.

#### q) Borrowing costs

Borrowing costs directly relating to the acquisition, construction or production of a qualifying capital project under construction are capitalised and added to the project cost during construction, until such time the assets are substantially ready for their intended use, i.e., when they are capable of commercial production. Where funds are borrowed specifically to finance a project, the amount capitalised represents the actual borrowing costs incurred. Where surplus funds are available from short-term borrowings, and where such borrowings are directly applied to finance a project, the income generated from such short-term investments is also capitalised and reduces the total capitalised borrowing cost. Where the funds used to finance a project form part of general borrowings, the amount capitalised is calculated using a weighted average of rates applicable to relevant general borrowings of the Group during the period. All other borrowing costs are recognised in the statement of comprehensive income in the period in which they are incurred.

## r) Segmental reporting

The Group operates as one reportable segment, that of the production of natural gas and crude oil in the Appalachian Basin in the US. An operating segment is a component of the Group that engages in business activities from which it may earn revenues and incur expenses, including revenues and expenses that relate to transactions with any of the Group's other components. An operating segment's operating results are reviewed regularly by the chief operating decision maker to make decisions about resources to be allocated to the segment and assess its performance, and for which discrete financial information is available.

#### 6. Revenue

|                                   | Year ended<br>31 December 2013<br>\$'000 | Year ended<br>31 December<br>2014<br>\$'000 | Year ended<br>31 December<br>2015<br>\$'000 |
|-----------------------------------|--|---|---|
| Natural gas and crude oil revenue | 4,259                                    | 5,860                                       | 4,738                                       |
| Operator revenue                  | 954                                      | 969   | 825   |
| Oil and gas program revenue       | (44)                                     | 529   | 344   |
| Water disposal revenue            | 5,169                                    | -   | 397   |
| Total revenue                     | 5,213                                    | 7,358                                       | 6,304                                       |

The Group extracts and sells natural gas and crude oil to various customers. The Group also operates oil and natural gas wells for customers. A significant portion of the Group's trade receivables represent receivables related to either sales of oil and natural gas or operational services. The Group has the right to offset future revenue due to customers against unpaid charges related to operation of above mentioned wells. Oil and natural gas trade receivables are generally uncollateralised. The provision for un-collectability of trade receivables was \$515 as at 31 December 2015 (2014: \$26,000, 2013: \$13,000). No other debts were past due or impaired as at each of these dates.

During the year ended 31 December 2015, two customers accounted for 23% and 17% of total revenues (2014: three customers, 26%, 20% and 13%, 2013: three customers, 39%, 21% and 13%). All revenues were generated in the US.

# 7. Expenses by nature

|                               | Year ended<br>31 December<br>2013<br>\$'000 | Year ended<br>31 December<br>2014<br>\$'000 | Year ended<br>31 December<br>2015<br>\$'000 |
|-------------------------------|---|---|---|
| Automobile                    | 292   | 316   | 389   |
| Employees and benefits        | 1,148                                       | 1,305                                       | 2,047                                       |
| Insurance                     | 124   | 135   | 240   |
| Well operating expenses       | 1,187                                       | 1,803                                       | 1,575                                       |
| Total cost of sales           | 2,751                                       | 3,559                                       | 4,251                                       |
|                               |   |   |   |
| Acquisition costs             | -   | -   | 293   |
| Charitable contributions      | 3   | 5   | -   |
| Employees and benefits        | 172   | 169   | 169   |
| Other administrative          | 90  | 143   | 124   |
| Professional fees             | 104   | 341   | 205   |
| Auditor's remuneration        | 53  | 40  | 69  |
| Other fees paid to auditors   | 30  | 151   | 9   |
| Rent                          | 64  | 79  | 81  |
| Travel                        | 28  | 17  | 65  |
| Uncollectible accounts        | 13  | 26  | 1   |
| Total administrative expenses | 557   | 971   | 1,016                                       |
| Total expenses                | 3,308                                       | 4,530                                       | 5,267                                       |

# Staff costs

|   | Year ended<br>31 December<br>2013 | Year ended<br>31 December<br>2014 | Year ended<br>31 December<br>2015 |
|---|-----------------------------------|-----------------------------------|-----------------------------------|
| The average monthly number of employees was   | 31                                | 32                                | 39                                |
| Aggregate remuneration (including Directors): | \$000                             | \$'000                            | \$'000                            |
| Wages and salaries                            | 993                               | 1,120                             | 1,723                             |
| Payroll taxes                                 | 97                                | 103                               | 150                               |

# 8. Taxation

|                                    | Year ended<br>31 December<br>2013<br>\$'000 | Year ended<br>31 December<br>2014<br>\$'000 | Year ended<br>31 December<br>2015<br>\$'000 |
|------------------------------------|---|---|---|
| Corporate tax                      | -   | -   | -   |
| Current tax on losses for the year | -   | -   | -   |
| Total current tax                  | -   | -   | -   |
| Tax on loss on ordinary activities | -   | -   | -   |

For the year ended 31 December 2015, taxes would only be assessed in the US on Diversified Gas & Oil Corporation at a rate of 35% (2014: 35%, 2013: 35%) and in the UK on the Company at a rate of 20.3% (2014: 20.3%, 2013: N/A). The factors affecting the tax charges for the years are as follows:

|   | Year ended<br>31 December<br>2013<br>\$'000 | Year ended<br>31 December<br>2014<br>\$'000 | Year ended<br>31 December<br>2015<br>\$'000 |
|---|---|---|---|
| Loss on ordinary activities before tax  | (2,827)                                     | (238)                                       | (413)                                       |
| Loss on ordinary activities multiplied by hybrid standard rate of corporation tax (2013: 35%, 2014: 27.6%, 2015: 27.6%) | (989)                                       | (66)  | (114)                                       |
| Effects of tax losses carried forward   | 989   | 66  | 114   |
| Total tax charge for the year   | -   | -   | -   |

## 9. Potential initial public offering charges

Beginning in the year ended 31 December 2014, the Group paid professional fees to legal counsel, accountants, and financial advisers, totalling \$576,000.

During the year ended 31 December 2015, the Group secured debt financing through a bond issue quoted on the NEX Exchange Growth Market. Associated bond issue costs were expensed and included as other expenses.

## 10. Loss per Ordinary Share

The calculation for loss per Ordinary Share (basic and diluted) for the relevant period is based on the loss after income tax attributable to equity holders for the period from incorporation to 31 December 2013, 31 December 2014 and 31 December 2015 as follows:

|   | Year ended<br>31 December<br>2013 | Year ended<br>31 December<br>2014 | Year ended<br>31 December<br>2015 |
|---|-----------------------------------|-----------------------------------|-----------------------------------|
| Loss attributable to equity holders           | \$(2,827,000)                     | \$(235,000)                       | \$(396,000)                       |
| Weighted average number of<br>Ordinary Shares | 40,000,000                        | 40,000,000                        | 40,100,000                        |
| Earnings per Ordinary Share                   | \$(0.07)                          | \$(0.01)                          | \$(0.01)                          |

The 31 December 2013 and 31 December 2014 calculations use the pro forma number of Ordinary Shares, both basic and diluted, to reflect the number of Ordinary Shares following the stock reorganisation transaction which occurred in the year ended 31 December 2015 (see Note 2 to the Group Financial Information).

The diluted loss per Ordinary Share is calculated by adjusting the weighted average number of Ordinary Shares outstanding to assume conversion there were no potential dilutive Ordinary Shares in issue. The effect of potential dilutive Ordinary Shares would be anti-dilutive and therefore are not included in the above calculation of diluted earnings per Ordinary Share.

## 11. Adjusted EBITDA

Adjusted EBITDA is a non-IFRS financial measure, which is of particular interest to the industry and the Directors, as it is essentially the cash generated from current year income the Group has free for interest payments and capital investment. Adjusted EBITDA should not be considered as an alternative to operating profit/(loss), comprehensive income, cash flow from operating activities or any other financial performance or liquidity measure presented in accordance with IFRS. Adjusted EBITDA is a non-IFRS financial measure that is defined as comprehensive income/(loss) plus or minus:

- finance costs, including accrued finance costs and deferred financing costs;
- depreciation, depletion amortization and accretion;
- gain on bargain purchase;
- net gains or losses on the valuation of commodity derivative contracts;
- net gains or losses on foreign currency translation;

- net gains or losses on disposal of property and equipment;
- · acquisition costs; and
- potential initial public offering financing costs.

|  | Year ended<br>31 December<br>2013<br>\$'000 | Year ended<br>31 December<br>2014<br>\$'000 | Year ended<br>31 December<br>2015<br>\$'000 |
|--|---|---|---|
| Operating (loss)/profit                    | (562)                                       | 2,666                                       | 4,631                                       |
| Gain on bargain purchase                   | -   | (914)                                       | (6,582)                                     |
| Loss on disposal of property and equipment | -   | 7   | 2   |
| Fair value movement on open derivatives    | (8)   | (582)                                       | 859   |
| Depreciation, depletion and amortisation   | 2,308                                       | 2,160                                       | 3,388                                       |
| Acquisition costs                          | -   | -   | 293   |
| Adjusted EBITDA                            | 1,738                                       | 3,337                                       | 2,591                                       |

# 12. Oil and gas properties

| Additions       9         Disposals       (29         As at 31 December 2013       36,7         Additions       5,9         Disposals       (15         As at 31 December 2014       42,5         Additions       14,4         Disposals       (34         As at 31 December 2015       56,6         Depletion and impairment       (8,03         Charge for the year       (1,67         As at 31 December 2013       (9,71         Charge for the year       (1,84         Disposals       (11,47         Charge for the year       (3,07         Disposals       2  | Cost                     | \$'000   |
|--|--------------------------|----------|
| Disposals       (29         As at 31 December 2013       36,7         Additions       5,9         Disposals       (15         As at 31 December 2014       42,5         Additions       14,4         Disposals       (34         As at 31 December 2015       56,6         Depletion and impairment       8         As at 1 January 2013       (8,03         Charge for the year       (1,67         As at 31 December 2013       (9,71         Charge for the year       (1,84         Disposals       (11,47         Charge for the year       (3,07         Disposals       2         As at 31 December 2015       (14,30         As at 31 December 2015       (14,30 | As at 1 January 2013     | 36,090   |
| As at 31 December 2013       36,7         Additions       5,9         Disposals       (15         As at 31 December 2014       42,5         Additions       14,4         Disposals       (34         As at 31 December 2015       56,6         Depletion and impairment       8,03         Charge for the year       (1,67         As at 31 December 2013       (9,71         Charge for the year       (1,84         Disposals       (11,47         Charge for the year       (3,07         Disposals       2         As at 31 December 2015       (14,30         As at 31 December 2015       (14,30   | Additions                | 938      |
| Additions       5,9         Disposals       (15         As at 31 December 2014       42,5         Additions       14,4         Disposals       (34         As at 31 December 2015       56,6         Depletion and impairment       8,03         Charge for the year       (1,67         As at 31 December 2013       (9,71         Charge for the year       (1,84         Disposals       (11,47         Charge for the year       (3,07         Disposals       2         As at 31 December 2015       (14,30   | Disposals                | (294)    |
| Disposals       (15         As at 31 December 2014       42,5         Additions       14,4         Disposals       (34         As at 31 December 2015       56,6         Depletion and impairment       8,03         As at 1 January 2013       (8,03         Charge for the year       (1,67         As at 31 December 2013       (9,71         Charge for the year       (1,84         Disposals       (11,47         Charge for the year       (3,07         Disposals       2         As at 31 December 2015       (14,30  | As at 31 December 2013   | 36,734   |
| As at 31 December 2014       42,5         Additions       14,4         Disposals       (34         As at 31 December 2015       56,6         Depletion and impairment       8,03         Charge for the year       (1,67         As at 31 December 2013       (9,71         Charge for the year       (1,84         Disposals       (11,47         Charge for the year       (3,07         Disposals       2         As at 31 December 2015       (14,30   | Additions                | 5,946    |
| Additions       14,4         Disposals       (34         As at 31 December 2015       56,6         Depletion and impairment       (8,03         As at 1 January 2013       (8,03         Charge for the year       (1,67         As at 31 December 2013       (9,71         Charge for the year       (1,84         Disposals       (11,47         Charge for the year       (3,07         Disposals       2         As at 31 December 2015       (14,30   | Disposals                | (153)    |
| Disposals       (34)         As at 31 December 2015       56,6         Depletion and impairment       (8,03)         As at 1 January 2013       (8,03)         Charge for the year       (1,67)         As at 31 December 2013       (9,71)         Charge for the year       (1,84)         Disposals       (11,47)         Charge for the year       (3,07)         Disposals       2         As at 31 December 2015       (14,30)   | As at 31 December 2014   | 42,527   |
| As at 31 December 2015       56,6         Depletion and impairment       (8,03)         As at 1 January 2013       (8,03)         Charge for the year       (1,67)         As at 31 December 2013       (9,71)         Charge for the year       (1,84)         Disposals       (3,07)         Disposals       2         As at 31 December 2015       (14,30)  | Additions                | 14,472   |
| Depletion and impairment         As at 1 January 2013       (8,03)         Charge for the year       (1,67)         As at 31 December 2013       (9,71)         Charge for the year       (1,84)         Disposals       (11,47)         Charge for the year       (3,07)         Disposals       2         As at 31 December 2015       (14,30)   | Disposals                | (340)    |
| As at 1 January 2013  Charge for the year  As at 31 December 2013  Charge for the year  Charge for the year  Disposals  As at 31 December 2014  Charge for the year  Charge for the year  23,07  Disposals  As at 31 December 2015  (14,30)  | As at 31 December 2015   | 56,659   |
| Charge for the year       (1,67)         As at 31 December 2013       (9,71)         Charge for the year       (1,84)         Disposals       (11,47)         Charge for the year       (3,07)         Disposals       2         As at 31 December 2015       (14,30)  | Depletion and impairment |          |
| As at 31 December 2013       (9,71         Charge for the year       (1,84         Disposals       (11,47         Charge for the year       (3,07         Disposals       2         As at 31 December 2015       (14,30  | As at 1 January 2013     | (8,035)  |
| Charge for the year       (1,84)         Disposals       (11,47)         As at 31 December 2014       (11,47)         Charge for the year       (3,07)         Disposals       2         As at 31 December 2015       (14,30)  | Charge for the year      | (1,676)  |
| Disposals         As at 31 December 2014       (11,47         Charge for the year       (3,07         Disposals       2         As at 31 December 2015       (14,30  | As at 31 December 2013   | (9,711)  |
| As at 31 December 2014       (11,47)         Charge for the year       (3,07)         Disposals       2         As at 31 December 2015       (14,30)   | Charge for the year      | (1,846)  |
| Charge for the year (3,07 Disposals 2 As at 31 December 2015 (14,30  | Disposals                | 86       |
| Disposals         2           As at 31 December 2015         (14,30)   | As at 31 December 2014   | (11,471) |
| As at 31 December 2015 (14,30  | Charge for the year      | (3,079)  |
|  | Disposals                | 244      |
| Net book value   | As at 31 December 2015   | (14,306) |
|  | Net book value           |          |
| As at 31 December 2013 27,0  | As at 31 December 2013   | 27,023   |
| As at 31 December 2014 31,0  | As at 31 December 2014   | 31,056   |
| As at 31 December 2015 42,3  | As at 31 December 2015   | 42,353   |

Producing property depletion, drilling cost depreciation and the amortisation of intangible drilling costs have been charged to depreciation for the year ended 31 December 2015 in the amount of \$3,079,000 (2014: \$1,846,000, 2013: \$1,676,000).

As at each of 31 December 2013, 31 December 2014 and 31 December 2015, the net book value of oil and gas properties includes immaterial amounts of development assets under construction which are not being depleted.

## 13. Property, plant and equipment

| Cost                   | Land,<br>buildings and<br>leasehold<br>improvements<br>\$'000 | Aircraft and automobiles \$'000 | Other<br>property and<br>equipment<br>\$'000 | Total<br>\$'000 |
|------------------------|---|---------------------------------|--|-----------------|
| As at 1 January 2013   | 381   | 1,670                           | 690  | 2,741           |
| Additions              | 17  | 113                             | 7  | 137             |
| Disposals              | (14)  | (1,065)                         | -  | (1,079)         |
| As at 31 December 2013 | 384   | 718                             | 697  | 1,799           |
| Additions              | -   | 240                             | 276  | 516             |
| Disposals              | -   | -                               | (9)  | (9)             |
| As at 31 December 2014 | 384   | 958                             | 964  | 2,306           |
| Additions              | 428   | 347                             | 441  | 1,216           |
| Disposals              | -   | (10)                            | (7)  | (17)            |
| As at 31 December 2015 | 812   | 1,295                           | 1,398  | 3,505           |
| Depreciation           |   |                                 |  |                 |
| As at 1 January 2013   | (20)  | (951)                           | (432)  | (1,403)         |
| Charge for the year    | (3)   | (144)                           | (65)   | (212)           |
| Disposals              | -   | 746                             | _  | 746             |
| As at 31 December 2013 | (23)  | (349)                           | (497)  | (869)           |
| Charge for the year    | (6)   | (140)                           | (80)   | (226)           |
| Disposals              | -   | -                               | -  | -               |
| As at 31 December 2014 | (29)  | (489)                           | (577)  | (1,095)         |
| Charge for the year    | (10)  | (170)                           | (129)  | (309)           |
| Disposals              | -   | 8                               | 1  | 9               |
| As at 31 December 2015 | (39)  | (651)                           | (705)  | (1,395)         |
| Net book value         |   |                                 |  |                 |
| As at 31 December 2013 | 361   | 369                             | 200  | 930             |
| As at 31 December 2014 | 355   | 469                             | 387  | 1,211           |
| As at 31 December 2015 | 773   | 644                             | 693  | 2,110           |

# 14. Business acquisitions

# Fund 1 DR, LLC

In September 2014, the Group completed the business combination to purchase the issued share capital of Fund 1 DR, LLC. The purchase consideration comprised cash of \$4,300,000. The Directors considered the fair market value of the assets acquired to be \$5,214,000. As a result, the Group recorded a bargain purchase adjustment of \$914,000. The acquisition has been accounted for as a business acquisition under IFRS 3. The estimated fair values of the assets and liabilities assumed were as follows:

|                           | \$'000 |
|---------------------------|--------|
| Cash and cash equivalents | 23     |
| Oil and gas properties    | 5,781  |
| Property and equipment    | 261    |
| Trade and other payables  | (210)  |
| Decommissioning provision | (641)  |
| Gain on bargain purchase  | (914)  |
| Purchase price            | 4,300  |

Between the date of acquisition and 31 December 2015, the assets acquired contributed \$2,310,000 to the Group's revenues.

#### Broadstreet Energy

In July 2015, the Group acquired 732 conventional natural gas and oil wells in Ohio from Broadstreet Energy. The purchase consideration totalling \$2,600,000, comprised of cash of \$600,000 and a short-term note payable of \$2,000,000. The Directors considered the fair value of the reserves held in the assets acquired to be \$3,252,571, which was the 10% cumulative cash flow discount reserve valuation derived from a third-party engineer at the time of purchase. The acquisition has been accounted for as a business acquisition under IFRS 3. The estimated fair values of the assets and liabilities assumed were as follows:

|                          | \$'000 |
|--------------------------|--------|
| Oil and gas properties   | 3,253  |
| Gain on bargain purchase | (653)  |
| Purchase price           | 2,600  |

Between the date of acquisition and 31 December 2015, the assets acquired contributed \$749,000 to the Group's revenues.

#### Texas Keystone, Inc.

In November 2015, the Group acquired 1,709 conventional natural gas and oil wells and 2 buildings in Pennsylvania and West Virginia, equipment and automobiles from Texas Keystone, Inc.. The purchase consideration comprised of a short-term payable of \$725,000. The Directors considered the value of the reserves held in the assets acquired was \$5,727,546 which was the 30% cumulative cash flow discount reserve valuation derived from a third-party engineer at the time of purchase. The estimated fair values of the assets and liabilities assumed were as follows:

|                          | \$'000  |
|--------------------------|---------|
| Oil and gas properties   | 5,728   |
| Buildings                | 428     |
| Equipment                | 380     |
| Automobiles              | 282     |
| Capital lease obligation | (164)   |
| Gain on bargain purchase | (5,929) |
| Purchase price           | 725     |

Between the date of acquisition and 31 December 2015, the assets acquired contributed \$1,124,000 to the Group's revenues.

The assets acquired in both acquisitions included the necessary permits, rights to production, royalties, contracts and agreements that support the production from the wells.

#### 15. Restricted cash

Restricted cash is cash held on deposit and restricted in use by the state governmental agencies to be utilised and drawn upon by those state agencies if the operator should abandon any wells. These deposit requirements are different by state.

|                 | As at       | As at       | As at       |
|-----------------|-------------|-------------|-------------|
|                 | 31 December | 31 December | 31 December |
|                 | 2013        | 2014        | 2015        |
|                 | \$'000      | \$'000      | \$'000      |
| Restricted cash | 90          | 90          | 115         |

#### 16. Trade receivables

|   | Audited<br>As at<br>31 December<br>2013<br>\$'000 | Audited<br>As at<br>31 December<br>2014<br>\$'000 | Audited<br>As at<br>31 December<br>2015<br>\$'000 |
|---|---|---|---|
| Trade receivables                           | 1,033   | 1,151   | 1,759   |
| Not due                                     | 1,033   | 1,151   | 1,759   |
| Past due less than 30 days                  | -   | -   | -   |
| Past due 31 to 120 days                     | -   | -   | -   |
| Past due more than 120 days                 | -   | -   | -   |
|   | 1,033   | 1,151   | 1,759   |
| Trade receivables past due but not impaired | -   |   | -   |

#### 17. Derivative financial instruments

## a) Natural gas put option agreements

On 18 January 2012, the Group entered into a put option with a counterparty to sell approximately 912,500 mmbtus of natural gas for the period 1 January 2014 to 31 December 2014. The counterparty agreed to pay the Group a strike price of \$5.00 per mmbtu.

On 20 December 2013, the Group entered into a put option with a counterparty to sell approximately 730,000 mmbtus of natural gas during the period 1 January 2015 to 31 December 2015. The counterparty agreed to pay the Group a strike price of \$4.46 per mmbtu.

On 9 December 2014, the Group entered into a call option with a counterparty to sell approximately 72,000 mmbtus of natural gas during the period 29 December 2014 to 27 August 2015. The counterparty paid the Group a strike price of \$3.00 per mmbtu.

On 15 January 2015, the Group entered into a call option with a counterparty to sell approximately 501,000 mmbtus of natural gas during the period 1 February 2015 to 31 December 2015. The counterparty paid the Group a strike price of \$3.13 per mmbtu.

On 15 December 2015, the Group entered into a call option with a counterparty to sell approximately 364,000 mmbtus of natural gas during the period 1 January 2016 to 30 June 2016 at a strike price of \$2.39 per mmbtu to be paid by the counterparty. The calculated fair value of this derivative agreement was \$(88,279) at 31 December 2015.

The effects of the natural gas put option agreements are recorded in the statement of comprehensive income.

## b) Natural gas swap agreements

On 1 June 2012, the Group entered into a natural gas swap agreement to exchange 1,065,000 mmbtus of natural gas during the period 1 June 2012 to 31 July 2013 at a fixed price of \$3.41 per mmbtu, to be paid by the counterparty.

The Group executed a second agreement on 1 June 2012 to exchange 382,500 mmbtus of natural gas during the period 1 August 2013 to 31 December 2013 at a fixed price of \$3.64 per mmbtu, to be paid by the counterparty.

The Group agreed to the final settlement variable price per New York Mercantile Exchange for both contracts.

On 20 January 2015, the Group entered into a natural gas basis swap agreement to exchange 835,000 mmbtus of natural gas during the period 1 February 2015 to 31 December 2015 at a fixed price of \$1.22 per mmbtu, paid by the counterparty and the Dominion Transmission Appalachian monthly settlement price to be paid by the Group.

The effects of the natural gas swap agreement were recorded in the statement of comprehensive income.

#### c) Oil put option agreements

On 10 December 2014, the Group entered into an oil put option agreement to exchange 5,400 barrels of WTI Crude Oil during the period of 2 January 2015 to 30 September 2015 at a fixed price of \$55.00 per barrel paid by the counterparty. The Group also executed an oil call agreement on 10 December 2014 to exchange 5,400 barrel of WTI Crude Oil during the period of 2 January 2015 to 30 September 2015 at a fixed price of \$70.75 per barrel paid by the counterparty. The Group agreed to the variable price per barrel equal to the arithmetic average of the daily settlement prices for the WTI first traded contract month on the New York Mercantile Exchange.

Effects of the oil put/call option agreements are recorded in the statement of comprehensive income.

## d) Oil swap agreements

On 1 December 2011, the Group entered into an oil swap agreement to exchange 65,600 barrels of WTI Crude Oil during the period 31 December 2011 to 31 December 2014 at a fixed price of \$88.45 per barrel, to be paid by the counterparty.

On 18 February 2014, the Group entered into an oil swap agreement to exchange 6,000 barrels of WTI Crude Oil during the period of 1 January 2015 to 31 March 2015 at a fixed price of \$91.70 per barrel paid by the counterparty.

On 20 February 2014, the Group entered into an oil swap agreement to exchange 6,000 barrels of WTI Crude Oil during the period of 1 April 2015 to 30 June 2015 at a fixed price of \$89.60 per barrel paid by the counterparty.

On 22 May 2014, the Group entered into an oil swap agreement to exchange 6,000 barrels of WTI Crude Oil during the period of 1 July 2015 to 30 September 2015 at a fixed price of \$91.40 per barrel paid by the counterparty.

On 22 May 2014, the Group entered into an oil swap agreement to exchange 6,000 barrels of WTI Crude Oil during the period of 1 October 2015 to 31 December 2015 at a fixed price of \$90.07 per barrel paid by the counterparty. The calculated fair value of this derivative agreement was \$105,486 at 31 December 2015.

The Group agreed to the variable price per barrel equal to the arithmetic average of the daily settlement prices for the WTI first traded contract month on the New York Mercantile Exchange. Effects of the oil swap agreements were recorded in the statement of comprehensive income.

#### e) Interest rate swap agreement

On 14 March 2012, the Group entered into an interest rate swap agreement to effectively convert its floating rate borrowings to an approximate fixed rate, thus reducing the impact of interest rate changes on future income. The agreement involved the payment of fixed rate amounts in exchange for floating rate interest receipts over the life of the agreement, without an exchange of the underlying principal amount. The differential to be paid or received was accrued as interest rates changed and recognised as an adjustment to the interest expense related to the borrowing. The nominal amount for this interest rate swap agreement as at 31 December 2015 was \$nil, as it matured on 15 August 2014 (2014: \$nil, 2013: \$20,195,000).

The effects of the interest rate swap agreement were recorded as an offset to finance costs on the combined statement of comprehensive income.

The following table summarises the Group's calculated fair value of derivative agreements:

|                                   | As at<br>31 December<br>2013<br>\$'000 | As at<br>31 December<br>2014<br>\$'000 | As at<br>31 December<br>2015<br>\$'000 |
|-----------------------------------|--|--|--|
| Natural gas put option agreements | (256)                                  | (4)                                    | (88)                                   |
| Oil put agreements                | -                                      | 19                                     | 105                                    |
| Oil swap agreements               | (154)                                  | 861                                    | -                                      |
| Interest rate swap agreement      | (153)                                  | -                                      | -                                      |
|                                   | (563)                                  | 876                                    | 17                                     |

## 18. Share capital

|                                | Number of<br>Ordinary Shares | Share<br>capital<br>\$'000 |
|--------------------------------|------------------------------|----------------------------|
| Balance as at 1 January 2013   | 40,000,000                   | 611                        |
| Balance as at 31 January 2013  | 40,000,000                   | 611                        |
| Balance as at 31 December 2014 | 40,000,000                   | 611                        |
| Issuance – Martin Thomas       | 1,200,000                    | 19                         |
| Balance as at 31 December 2015 | 41,200,000                   | 630                        |

On incorporation, 5,000,000 Ordinary Shares of £0.01 par value were issued for cash.

On 10 June 2015, 35,000,000 Ordinary Shares of £0.01 par value were issued to Hutson Jr. and Post for consideration of the shares held by them in Diversified Gas and Oil Corporation.

On 2 December 2015, the Company issued 1,200,000 Ordinary Shares of par value £0.01 to Martin Thomas for cash.

#### 19. Stockholder contributions and distributions

| Stockholder contributions                    | Year ended<br>31 December<br>2013<br>\$'000 | Year ended<br>31 December<br>2014<br>\$'000 | Year ended<br>31 December<br>2015<br>\$'000 |
|--|---|---|---|
| Robert Hutson Jr. and Robert Post            | 1,370                                       | 554   | 1,296                                       |
| Stockholder distributions                    |   |   |   |
| Robert Hutson Jr. and Robert Post            | 1,079                                       | 851   | 2,399                                       |
| M&R Investments Ohio, LLC member             | 48  | 608   | -   |
| Related party receivable write off to equity | -   | 1,141                                       | -   |
|  | 1,127                                       | 2,600                                       | 2,399                                       |

Stockholder contributions are injections of working capital provided by stockholders. These contributions have no conditions and are distributable, therefore they have been recognised directly to the retained profits reserve.

Brian Cooper owned 6% of M&R Investments Ohio, LLC and was bought out during the year ended 31 December 2014.

As a part of the conversion from a tax basis of accounting to an IFRS basis of accounting, the Directors of the Group chose to write off an accumulation of unreconciled related party balances as a distribution to stockholders during the year ended 31 December 2014. The balances had accumulated since inception and the stockholders had no repayment terms.

## 20. Decommissioning provision

The Group makes full provision for the future cost of decommissioning oil production facilities and pipelines on a discounted basis.

The decommissioning provision represents the present value of decommissioning costs relating to oil and gas properties, which are expected to be incurred up to 2036, which is when the producing oil and gas properties are expected to cease operations. These provisions have been created based on the Directors' internal estimates. Assumptions based on the current economic environment have been made, which the Directors believe are a reasonable basis upon which to estimate the future liability. These estimates are reviewed regularly to take into account any material changes to the assumptions. However, actual decommissioning costs will ultimately depend upon future market prices for the necessary decommissioning works required that will reflect market conditions at the relevant time. Furthermore, the timing of decommissioning is likely to depend on when the fields cease to produce at economically viable rates. This, in turn, will depend upon future oil and gas prices, which are inherently uncertain.

The discount rate used in the calculation of the decommissioning provision as at each of 31 December 2013, 31 December 2014 and 31 December 2015 was 8.0%.

The cost inflation rate used in the calculation of the decommissioning provision as at each of 31 December 2013, 31 December 2014 and 31 December 2015 was 3.0%.

|                                 | \$'000 |
|---------------------------------|--------|
| Provision as at 1 January 2013  | 2,450  |
| Additions                       | 5      |
| Accretion                       | 196    |
| Provision as at 1 December 2013 | 2,651  |
| Additions                       | 645    |
| Accretion                       | 170    |
| Provision as at 1 December 2014 | 3,466  |
| Additions                       | 5,377  |
| Accretion                       | 366    |
| Disposal                        | (340)  |
| Provision as at 1 December 2015 | 8,869  |

# 21. Borrowings

Borrowings payable as at each of 31 December 2013, 2014 and 2015 consist of the following:

|   | As at 31 December 2013 \$'000 | As at 31 December 2014 \$'000 | As at<br>31 December<br>2015<br>\$'000 |
|---|-------------------------------|-------------------------------|--|
| Financing companies and institution, with interest rates ranging from 4.19% to 9.39%, maturing March 2015 through to October 2019, secured by automobiles   | 385                           | 359                           | 305                                    |
| Financial institution, with interest rate of 3.25%, maturing December 2016, secured by oil and gas assets   | 16,218                        | 16,218                        | 16,218                                 |
| Note payable – unsecured revolving line of credit of up to \$50,000, with a rate of 10.25%, with an annual renewal term   | 11                            | 46                            | 33                                     |
| Note payable, Mezzanine lender, with interest rate of 12%, maturing 31 January 2018, secured by a mezzanine lien on oil and gas assets  | 13,393                        | 14,771                        | 14,771                                 |
| Financial institution, with interest rates ranging from 5%-6.90%, maturing July 2017 through to December 2020, secured by buildings   | 42                            | 137                           | 113                                    |
| Note payable – financial institution, with interest rate of 4%, maturing August 2016, secured by oil and gas properties   | -                             | 3,800                         | 3,285                                  |
| Note payable - individual, with interest of 6.0%, maturing March 2016, unsecured  | -                             | 500                           | 420                                    |
| Notes payable - individuals, with interest of 8.0%, maturing September 2017, unsecured  | -                             | 143                           | 116                                    |
| Note payable – unsecured revolving line of credit of up to \$125,000, with a rate of Wall Street Journal Prime Rate plus 2% rounded to the nearest 0.125%, having a floor of 6% and a ceiling of 18%, with an annual renewal term | _                             | 104                           | 17                                     |
| Note payable - business institution, no interest rate, matured, remaining balance owed on building properties acquired, unsecured   | -                             | -                             | 725                                    |
| Note payable – financial institution, with interest rate of Wall Street Journal Prime Rate plus 0.50%, maturing June 2016, secured by oil and gas properties  | -                             | -                             | 2,000                                  |
| Bonds payable - individuals and institutional investors, with interest of 8.5%, maturing June 2020, unsecured   | -                             |                               | 6,375                                  |
| Total borrowings  | 30,049                        | 36,078                        | 44,378                                 |

Future maturities of the long-term notes payable as at each of 31 December 2013, 31 December 2014 and 31 December 2015 are as follows:

|   | As at<br>31 December<br>2013<br>\$'000 | As at<br>31 December<br>2014<br>\$'000 | As at<br>31 December<br>2015<br>\$'000 |
|---|--|--|--|
| Not later than one year                           | 179                                    | 20,806                                 | 22,821                                 |
| Later than one year and not later than five years | 29,833                                 | 15,272                                 | 21,557                                 |
| Later than five years                             | 37                                     | -                                      | -                                      |
|   | 30,049                                 | 36,078                                 | 44,378                                 |

Borrowings payable as at each of 31 December 2013, 31 December 2014 and 31 December 2015 consist of the following:

|  | As at<br>31 December<br>2013<br>\$'000 | As at<br>31 December<br>2014<br>\$'000 | As at<br>31 December<br>2015<br>\$'000 |
|--|--|--|--|
| Total borrowings                       | 30,049                                 | 36,078                                 | 44,378                                 |
| Less current portion of long-term debt | (179)                                  | (20,806)                               | (22,821)                               |
| Less deferred financing costs          | (1,440)                                | (1,713)                                | (2,367)                                |
| Plus accrued finance costs             | -                                      | -                                      | 925                                    |
| Long-term borrowings                   | 28,430                                 | 13,559                                 | 20,115                                 |

Deferred financing costs as at each of 31 December 2013, 31 December 2014 and 31 December 2015 consist of the following:

|  | As at<br>31 December<br>2013<br>\$'000 | As at<br>31 December<br>2014<br>\$'000 | As at<br>31 December<br>2015<br>\$'000 |
|--|--|--|--|
| Brought forward  | 979                                    | 1,440                                  | 1,713                                  |
| Additions  | 881                                    | 738                                    | 1,439                                  |
| Charge   | (420)                                  | (465)                                  | (402)                                  |
| Potential initial public offering cost expensed (Note 9) | -                                      | -                                      | (392)                                  |
| Foreign currency translation adjustment                  | -                                      | -                                      | 9                                      |
| Deferred financing costs                                 | 1,440                                  | 1,713                                  | 2,367                                  |

During year ended 31 December 2015, the financial institution with a mezzanine lien on oil and gas assets accepted reduced interest payments and accrued the difference between 12% and the amount paid as an additional payment at maturity. The accrued finance cost totalled \$925,000 as at 31 December 2015. Subsequent to year end, such balance was settled (see Note 28 to the Group Financial Information).

#### 22. Leases

The Group leased automobiles, equipment and real estate under both operating and capital leases as at 31 December 2013, 31 December 2014 and 31 December 2015. A summary of this activity is as follows:

## a) Capital leases

The Group entered into finance lease agreements for certain equipment and vehicles following an acquisition made during the year ended 31 December 2015. The aggregate net book value of the assets financed with these leases as at 31 December 2015 was \$254,162 (2014: \$nil, 2013: \$nil). The interest rate is 5.16%, maturing May 2016 through to March 2018.

Future minimum lease payments associated with capital leases as at 31 December 2013, 31 December 2014 and 31 December 2015 were as follows:

|  | As at<br>31 December<br>2013<br>\$'000 | As at<br>31 December<br>2014<br>\$'000 | As at<br>31 December<br>2015<br>\$'000 |
|--|--|--|--|
| Not later than one year                                  | -                                      | -                                      | 115                                    |
| Later than one year and not later than five years        | -                                      | -                                      | 58                                     |
| Later than five years                                    | _                                      | -                                      |  |
| Total minimum lease payments                             | -                                      | -                                      | 173                                    |
| Less amount representing interest                        | -                                      | -                                      | (15)                                   |
| Present value of minimum lease payments                  | -                                      | -                                      | 158                                    |
| Less current portion of obligations under capital leases |  | -                                      | (100)                                  |
| Long-term obligations under capital leases               | -                                      | -                                      | 58                                     |

## b) Operating leases

The Group leases both equipment and real estate under leases classified as operating, under multi-year agreements. During the year ended 31 December 2015, total expense under operating leases was \$85,000 (2014: \$82,000, 2013: \$58,000).

Future minimum lease payments associated with operating leases with original terms of greater than one year at each period end were as follows:

|   | As at<br>31 December<br>2013<br>\$'000 | As at<br>31 December<br>2014<br>\$'000 | As at<br>31 December<br>2015<br>\$'000 |
|---|--|--|--|
| Not later than one year                           | 2                                      | 84                                     | 91                                     |
| Later than one year and not later than five years | -                                      | 84                                     | 24                                     |
| Later than five years                             | -                                      | -                                      | -                                      |
| Total future minimum lease payments               | 2                                      | 168                                    | 115                                    |

## 23. Trade and other payables

|                             | As at<br>31 December<br>2013<br>\$'000 | As at<br>31 December<br>2014<br>\$'000 | As at<br>31 December<br>2015<br>\$'000 |
|-----------------------------|--|--|--|
| Trade payables              | 1,509                                  | 2,498                                  | 2,068                                  |
| Other payables and accruals | 669                                    | 854                                    | 801                                    |
|                             | 2,178                                  | 3,352                                  | 2,869                                  |

## 24. Fair value

The fair value of an asset or liability is the price that would be received to sell that asset or paid to transfer that liability in an orderly transaction occurring in the principal marked (or most advantageous market in the absence of a principal market) for such asset or liability. In estimating fair value, the Directors utilise valuation techniques that are consistent with the market approach, the income approach and/or the cost approach. Such valuation techniques are consistently applied. Inputs to valuation techniques include the assumptions that market participants would use in pricing an asset or liability. IFRS 13 "Fair Value Measurement" establishes a fair value hierarchy for valuation inputs that gives the highest priority to quoted prices in active markets for identical assets or liabilities and the lowest priority to unobservable inputs. The fair value hierarchy is defined as follows:

Level 1: Inputs are unadjusted, quoted prices in active markets for identical assets at the measurement date.

Level 2: Inputs (other than quoted prices included in Level 1) can include the following:

- (a) observable prices in active markets for similar assets;
- (b) prices for identical assets in markets that are not active;
- (c) directly observable market inputs for substantially the full term of the asset; and
- (d) market inputs that are not directly observable but are derived from or corroborated by observable market data.

Level 3: Unobservable inputs which reflect the Director's Best Estimates of what market participants would use in pricing the asset at the measurement date.

The Group entered into an interest rate swap to manage interest rate volatility associated with variable interest rates applied to interest-bearing loans.

The Group does not hold derivatives for speculative or trading purposes and the contracts do not contain any credit-risk related contingent features. The Directors have not elected to apply hedge accounting to derivative contracts.

Netting the fair values of derivative assets and liabilities for financial reporting purposes is permitted if such assets and liabilities are with the same counterparty and a legal right of set-off exists, subject to a master netting arrangement. The Directors have elected to present derivative assets and liabilities net when these conditions are met. When derivative assets and liabilities are presented net, the fair value of the right to reclaim collateral assets (receivable) or the obligation to return cash collateral (payable) is also offset against the net fair value of the corresponding derivative. As at each of 31 December 2013, 31 December 2014 and 31 December 2015, there were no collateral assets or liabilities associated with derivative assets and liabilities.

Derivatives expose the Group to counterparty credit risk. The derivative contracts have been executed under master netting arrangements which allow the Group, in the event of default by its counterparties, to elect early termination. The Directors monitor the creditworthiness of the Group's counterparties but are not able to predict sudden changes and hence may be limited in their ability to mitigate an increase in credit risk.

Possible actions would be to transfer the Group's positions to another counterparty or request a voluntary termination of the derivative contracts, resulting in a cash settlement in the event of non-performance by the counterparty. For each of the fiscal years ended 31 December 2013, 31 December 2014 and 31 December 2015, the counterparties for all of the Group's derivative financial instruments were lenders under formal credit agreements.

The derivative instruments consist of interest rate swaps and non-financial instruments considered normal purchases and normal sales. As such, significant fair values inputs can generally be verified and do not typically involve significant judgments of the Directors (Level 2 inputs).

For recurring and non-recurring fair value measurements categorized within Level 2 and Level 3 of the fair value hierarchy, a description of the valuation technique(s) and the inputs used in the fair value measurement. If there has been a change in valuation technique (ex: changing from a market approach to an income approach or the use of an additional valuation technique), the entity shall disclose that change and the reason(s) for making it.

All financial instruments measured at fair value use Level 2 valuation techniques for the each of the years ended 31 December 2013, 31 December 2014 and 31 December 2015.

Level 2 fair value measurements are those including inputs other than quoted prices included within Level 1 that are observable for the asset or liability directly or indirectly. The fair value of the swap commodity derivatives are calculated using a discounted cash flow model and the fair value of the option commodity derivatives are calculated using a relevant option pricing model, these are calculated from relevant market prices and yield curves at the balance sheet date and are therefore based solely on observable price information. These instruments are not directly quoted in active markets and are accordingly classified as Level 2 in the fair value hierarchy.

There have been no transfers between fair value levels during the reporting period.

Classification of financial instruments:

| Financial assets                      | As at<br>31 December<br>2013<br>\$'000 | As at<br>31 December<br>2014<br>\$'000 | As at<br>31 December<br>2015<br>\$'000 |
|---------------------------------------|--|--|--|
| Loans and receivable financial assets | 1,033                                  | 1,151                                  | 1,759                                  |
| Fair value through profit or loss     | -                                      | 876                                    | 17                                     |
| Financial liabilities                 |  |  |  |
| Borrowings                            | 28,609                                 | 34,365                                 | 42,936                                 |
| Trade and other payables              | 2,178                                  | 3,352                                  | 2,869                                  |
|                                       | 30,787                                 | 37,717                                 | 45,805                                 |

#### 25. Financial risk management

The Group's principal financial liabilities, other than derivatives, comprise of borrowings and trade and other payables. The main purpose of these financial liabilities is to finance the Group's operations and to provide guarantees to support its operations. The Group's principal financial assets include trade and other receivables and cash and cash equivalents that derive directly from its operations. The Group also enters into derivative transactions.

The Group is exposed to market risk, credit risk and liquidity risk. The Directors oversee the management of these risks. All derivative activities for risk management purposes are carried out by a contracted specialist company that has the appropriate skills and experience.

#### a) Market risk

Market risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in market prices. Market risk comprises of two types of risk: interest rate risk and commodity price risk. Financial instruments affected by market risk include borrowings and derivative financial instruments.

## b) Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Group's exposure to the risk of changes in market interest rates relates primarily to the Group's borrowings with its Senior Credit Facility, Huntington Bank, with floating interest rates. All other borrowings have fixed rates of interest.

An interest rate swap, in which the Group agrees to exchange, at specified intervals, the difference between fixed and variable rate interest amounts calculated by reference to an agreed-upon notional principal amount is a way to mitigate interest rate risk. As at 31 December 2015, the Directors elected not to enter an interest rate swap as federal borrowing rates have remained low.

# c) Commodity price risk

The Group is affected by the price volatility of the natural gas and oil commodities. A material part of the Group's revenue is derived from the sale of natural gas and oil. The Group's gas sales revenue in each of the years ended 31 December 2013, 31 December 2014 and 31 December 2015 have been affected by the expiration of fixed rate purchase contracts.

Due to the volatility of the price of natural gas and oil, the Company has entered into various purchase contracts, a gas option with BP Energy Company and an oil swap agreement with BP Energy Company.

The Group's normal policy is to sell its products under contract at priced determined by reference to prevailing market prices on petroleum exchanges and keep options and swaps in place for 24 months in advance to minimise commodity risk and create stabilised cash flow.

## d) Commodity price sensitivity

The following table shows the effect of price changes in natural gas net of hedge accounting impact:

|      | Price average, including<br>fixed rate pricing and<br>hedging | Henry Hub<br>spot price<br>average | Price effect |
|------|---|------------------------------------|--------------|
| 2013 | \$3.35  | \$3.73                             | \$(0.38)     |
| 2014 | \$3.31  | \$4.37                             | \$(1.06)     |
| 2015 | \$2.31  | \$2.62                             | \$(0.31)     |

The following table shows the effect of price changes in oil net of hedge accounting impact:

|      |                                  | NYMEX Crude           |              |
|------|----------------------------------|-----------------------|--------------|
|      | Price average, including hedging | spot price<br>average | Price effect |
| 2013 | \$88.01                          | \$98.05               | \$(10.04)    |
| 2014 | \$93.07                          | \$92.91               | \$0.16       |
| 2015 | \$49.24                          | \$48.75               | \$0.49       |

#### e) Credit risk

Credit risk is the risk that a counter party will not meet its obligations under a contract, leading to a financial loss. The credit risk from its liquid funds is limited because the counter parties are banks with high credit ratings and have not experienced any losses in such accounts. The Group is not exposed to credit risk from its derivative activities as the hedge provider has an intercompany agreement with the Group assuming all counter party risk. The Group credit risk is primarily attributable to its operating activities and its trade receivables.

#### f) Trade receivables

The amount of trade receivables presented in the statement of financial position is net of allowance for doubtful receivables. Trade receivables from joint interest owners are generally with other oil and natural gas companies that own a working interest in the properties operated by the Group. The Group has the ability to withhold future revenue payments to recover any non-payment of joint interest trade receivables. Trade receivables are due from customers throughout the oil and natural gas industry. Although diversified among many companies, collectability is dependent on the financial condition of each individual company as well as the general economic conditions of the industry. The Directors review the financial condition of customers prior to extending credit and generally does not require collateral in support of the Group's trade receivables.

As of 31 December, the ageing analysis of trade receivables is as follows:

|   | Total  | Neither past due<br>nor impaired |
|---|--------|----------------------------------|
| Trade receivables less than one month old at: | \$'000 | \$'000                           |
| 31 December 2013                              | 1,033  | 1,033                            |
| 31 December 2014                              | 1,151  | 1,151                            |
| 31 December 2015                              | 1,759  | 1,759                            |

There were 8 customers that total 83% of total trade receivables as at 31 December 2015 (2014: 5 customers, 86%, 2013: 5 customers, 90%).

#### g) Liquidity risk

Liquidity risk arises from the Group's management of working capital and the finance charges and principal repayments on its borrowings. It is the risk that the Group will encounter difficulty in meetings its financial obligations as they fall due.

The Director's objective is to maintain a balance between continuity of funding and flexibility through the use of operational receivables and bank borrowings. The Directors manage the Group's liquidity risk by continuously monitoring 90-day forecasts and actual cash flows. The Directors assess the Group's debt maturing within 12 months and is able to access sources of funding with existing lenders.

#### Year ended 31 December 2013:

|                          | Less than<br>3 months<br>\$'000 | 3 to 12<br>months<br>\$'000 | 1 to 5<br>years<br>\$'000 | > 5 years<br>\$'000 | Total<br>\$'000 |
|--------------------------|---------------------------------|-----------------------------|---------------------------|---------------------|-----------------|
| Trade and other payables | 1,539                           | 639                         | -                         | -                   | 2,178           |
| Borrowings               | 60                              | 119                         | 29,833                    | 38                  | 30,050          |
| Other liabilities        | 82                              | 193                         | 5                         | 180                 | 460             |
|                          | 1,681                           | 951                         | 29,838                    | 218                 | 32,688          |

## Year ended 31 December 2014:

|                          | Less than<br>3 months<br>\$'000 | 3 to 12<br>months<br>\$'000 | 1 to 5<br>years<br>\$'000 | > 5 years<br>\$'000 | Total<br>\$'000 |
|--------------------------|---------------------------------|-----------------------------|---------------------------|---------------------|-----------------|
| Trade and other payables | 2,540                           | 812                         | -                         | -                   | 3,352           |
| Borrowings               | 16,883                          | 3,923                       | 13,536                    | 23                  | 34,365          |
| Other liabilities        | 2                               | 290                         | -                         | 302                 | 594             |
|                          | 19,425                          | 5,025                       | 13,536                    | 325                 | 38,311          |

#### Year ended 31 December 2015:

|                          | Less than<br>3 months<br>\$'000 | 3 to 12<br>months<br>\$'000 | 1 to 5<br>years<br>\$'000 | > 5 years<br>\$'000 | Total<br>\$'000 |
|--------------------------|---------------------------------|-----------------------------|---------------------------|---------------------|-----------------|
| Trade and other payables | 2,068                           | 801                         | -                         | -                   | 2,869           |
| Borrowings               | 1,226                           | 21,595                      | 20,115                    | -                   | 42,936          |
| Capital lease            | 29                              | 86                          | 58                        | -                   | 173             |
| Other liabilities        | -                               | 180                         | -                         | 277                 | 457             |
|                          | 3,323                           | 22,662                      | 20,173                    | 277                 | 46,435          |

## h) Capital risk

The Director's objectives when managing the Group's capital are to safeguard the ability to continue as a going concern while pursuing exploration and development and opportunities for growth through identifying and evaluating potential acquisitions and constructing new infrastructure on existing proved leaseholds. The Directors define capital as the Group's shareholders' equity excluding share capital and share premium, totalling \$(8,969,000) as at 31 December 2015 (2014: \$(7,470,000), 2013: \$(4,311,000)). The Group is not subject to any externally imposed capital requirements. The Directors do not establish a quantitative return on capital criteria, but rather promotes year over year exploration and development growth. The Directors will be meeting their objectives of managing the Group's capital through its detailed review and preparation of both short-term and long-term cash flow analysis and monthly review of financial results.

# i) Collateral risk

The Group has pledged its oil and gas properties to fulfill the collateral requirements for the borrowing credit facility with Huntington Bank, Bank of Oklahoma and CrossFirst Bank, collectively. The fair values of the oil and gas properties are \$42,931,000 as at 31 December 2015 (2014: \$35,036,000, 2013: \$53,520,000). The fair value is calculated based is the third-party engineering reserve values calculated at a 10% cumulative discount cash flow.

## 26. Contingencies and provisions

The Group is involved in various pending legal issues that have arisen in the normal course of business, none which are expected to have any material impact on the Group's financial position or results of operations.

The Group's operations are subject to environmental regulation in all the jurisdictions in which it operates. The Directors are unable to predict the effect of additional environmental laws and regulations which may be adopted in the future, including whether any such laws or regulations would adversely affect the Group's operations. There can be no assurance that such new environmental legislation, once implemented, will not oblige the Group to incur significant expenses and undertake significant investments.

Effective 1 June 2013, the Group settled a legal proceeding involving Chesapeake Operating, Inc.. With the settlement, the Group was required to pay a settlement of \$700,000, relinquish a portion of its working interest in the James Ogden Wells 1H and 3H and relinquish all revenues earned and accrued in the James Ogden Wells 1H, 3H, and 5H through to and including 30 November 2014. At that time, the Directors expected future revenues earned and accrued on the James Ogden Wells 1H, 3H, and 5H to be \$225,000. However, given the uncertainties of revenues from 1 January 2014 to 30 November 2014, the estimated remaining portion of the settlement was \$275,000, which is included within current liabilities.

## 27. Capital risk management

The Directors' objectives when managing capital are to safeguard the Group's ability to continue as a going concern in order to provide returns for shareholders and benefits for other stakeholders and to maintain an optimal capital structure to reduce the cost of capital. At the date of the Group Financial Information, the Group had been financed from borrowings. In the future, the capital structure of the Group is expected to consist of borrowings and equity attributable to equity holders of the Company, comprising issued share capital, share premium and reserves.

#### 28. Events after the reporting period

The Directors have performed an analysis of the activities and transactions subsequent to 31 December 2015 to determine the need for any adjustments to and/or disclosure, within the Group Financial Information.

## a) Mezzanine debt settlement

In March 2016, the mezzanine lender with borrowings outstanding of \$14,771,000 and accrued finance charges of \$925,000 as at 31 December 2015, agreed to a settlement of all remaining balances in exchange for an immediate payment of \$950,000. The remaining balance of \$14,746,000 will be recognised as a gain on debt settlement during the year ended 31 December 2016.

#### b) Acquisitions

In April 2016, the Group acquired 1,300 conventional natural gas and crude oil wells in Ohio, equipment and automobiles from Eclipse Resources. The purchase consideration comprised of cash of \$1,300,000 and long-term borrowings of \$3,500,000, totalling \$4,800,000. A provisional assessment of the value of these proved reserves on acquisition is produced, taking into account the discounted cash flows of production to a present value. The Group uses a discount ranging between 10% and 30% for such acquisition, depending on the market conditions at the time of the transaction as well any additional risk factors arising in the particular transaction, in order to obtain a fair value estimate of oil and gas properties. At the time of acquisition, the discount range between 10% and 30% was \$20,158,000 to\$9,552,000, respectively.

The assets acquired in the acquisition included the necessary permits, rights to production, royalties, contracts and agreements that support the production from the wells.

## c) Bond issuance on the NEX Exchange Growth Market

As at the date of this document, the Company's aggregate bond issuance on the NEX Exchange Growth Market was £10,649,884.

## d) Issue of Ordinary Shares

Subsequent to 31 December 2015, 800,000 Ordinary Shares of £0.01 par value were issued to Martin K. Thomas

Subsequent to 31 December 2015, 2,210,481 Ordinary Shares of £0.01 par value were issued to Bradley G. Gray.

#### 29. Ultimate controlling party

As at 31 December 2015, the Company did not have any one identifiable controlling party.

## 30. Nature of the Group Financial Information

The Group Financial Information presented above does not constitute statutory financial statements for the period under review.

# $\label{eq:partv} \mbox{\sc Part V}$ (C) Interim financial information of the group

Unaudited interim combined and consolidated statements of comprehensive income

The unaudited combined and consolidated statements of comprehensive income of the Group for the six-month period ended 30 June 2016 and the six-month period ended 30 June 2015 are set out below:

|   | Note | Unaudited<br>6 months ended<br>30 June<br>2016<br>\$'000 | Unaudited<br>6 months<br>ended<br>30 June<br>2015<br>\$'000 |
|---|------|--|---|
|   |      |  |   |
| Revenue   | 4    | 7,653  | 2,918   |
| Cost of sales   | 5    | (6,227)  | (1,675)   |
| Depreciation, depletion and amortisation  |      | (1,584)  | (1,360)   |
| Depreciation of decommissioning provision – change in significant estimates                                     | 3    | 1,077  | -   |
| Gross profit/(loss)   |      | 919  | (117)   |
| Loss on derivative financial instruments  |      | (308)  | (316)   |
| Gain on bargain purchase  | 6    | 24,212   | -   |
| Loss on disposal of property, plant and equipment   |      | -  | (2)   |
| Administrative expenses   | 5    | (887)  | (278)   |
| Operating profit/(loss)   |      | 23,936   | (713)   |
| Accretion of decommissioning provision  |      | (223)  | (108)   |
| Finance costs   |      | (1,371)  | (1,381)   |
| Gain on debt cancellation   | 16   | 14,149   | -   |
| Profit/(loss) before taxation   |      | 36,491   | (2,202)   |
| Taxation  | 7    | -  | -   |
| Profit/(loss) after taxation  |      | 36,491   | (2,202)   |
| Other comprehensive income attributable to the equity holders of the parent Gain on foreign currency conversion | 8    | 603  | 8   |
| Total comprehensive income/(loss) for the year attributable to the equity holders of the parent                 |      | 37,094   | (2,194)   |
| Earnings/(loss) per Ordinary Share  |      |  |   |
| Basic and diluted   | 9    | \$(0.93)   | \$(0.05)  |

# Unaudited interim combined and consolidated statements of financial position

The unaudited combined and consolidated statements of financial position of the Group as at 31 December 2013, 2014 and 2015 are set out below:

|  |      | Unaudited<br>As at<br>30 June<br>2016   | Audited<br>As at<br>31 December<br>2015   |
|--|------|---|---|
| ASSETS   | Note | \$'000                                  | \$'000                                    |
| Non-current assets   |      |   |   |
| Oil and gas properties   | 11   | 79,864                                  | 42,353                                    |
| Property, plant and equipment  | 12   | 2,798                                   | 2,110                                     |
| Restricted cash  |      | 117                                     | 115                                       |
|  |      | 82,779                                  | 44,578                                    |
| Current assets   |      |   |   |
| Trade receivables  |      | 3,336                                   | 1,759                                     |
| Derivative financial instruments   | 13   | -                                       | 17  |
| Other current assets   |      | 118                                     | 43  |
| Cash and cash equivalents  |      | 20                                      | 90  |
|  |      | 3,474                                   | 1,909                                     |
| TOTAL ASSETS   |      | 86,253                                  | 46,487                                    |
| Equity Share capital Merger reserve Retained earnings/(accumulated losses) Equity attributable to owners of the parent | 14   | 630<br>(478)<br>27,587<br><b>27,739</b> | 630<br>(478)<br>(8,969)<br><b>(8,817)</b> |
| Non-current liabilities  |      |   |   |
| Decommissioning provision  |      | 14,798                                  | 8,869                                     |
| Capital lease  |      | 115                                     | 58  |
| Borrowings   | 16   | 9,592                                   | 20,115                                    |
| Other liabilities  |      | 358                                     | 277                                       |
| Current liabilities  |      | 24,863                                  | 29,319                                    |
| Trade and other payables   |      | 3,537                                   | 2,869                                     |
| Derivative financial instruments   | 13   | 682                                     | -   |
| Borrowings   | 16   | 29,194                                  | 22,821                                    |
| Capital lease  |      | 113                                     | 115                                       |
| Other liabilities  |      | 125                                     | 180                                       |
|  |      | 33,651                                  | 25,985                                    |
| Total liabilities  |      | 58,514                                  | 55,304                                    |
| TOTAL EQUITY AND LIABILITIES   |      | 86,253                                  | 46,487                                    |

# Unaudited interim combined and consolidated statements of changes in shareholders' equity

The unaudited combined and consolidated interim statements of changes in shareholders' equity of the Group for the six-month period ended 30 June 2016 and the six-month period ended 30 June 2015 are set out below:

|   | Share<br>capital | Merger<br>reserve | Retained<br>earnings | Total   |
|---|------------------|-------------------|----------------------|---------|
|   | \$'000           | \$'000            | \$'000               | \$'000  |
| Balance as at 1 January 2016              | 630              | (478)             | (8,969)              | (8,817) |
| Profit for the period after taxation      | -                | -                 | 36,491               | 36,491  |
| Gain on foreign currency conversion       | -                | -                 | 603                  | 603     |
| Total comprehensive income for the period | -                | -                 | 37,094               | 37,094  |
| Stockholder distributions                 | -                | -                 | (538)                | (538)   |
| Transactions with owners                  | -                | -                 | (538)                | (538)   |
| Balance as at 30 June 2016                | 630              | (478)             | 27,587               | 27,739  |
| Balance as at 31 January 2015             | 611              | (478)             | (7,470)              | (7,337) |
| ·   |                  | ,                 |                      |         |
| Loss for the period after taxation        | -                | -                 | (2,202)              | (2,202) |
| Gain on foreign currency conversion       | -                | _                 | 8                    | 8       |
| Total comprehensive loss for the period   | -                | -                 | (2,194)              | (2,194) |
| Stockholder contributions                 | -                | -                 | 306                  | 306     |
| Issuance of Ordinary Shares               | 19               | -                 | -                    | 19      |
| Transactions with owners                  | 19               | -                 | 306                  | 325     |
| Balance as at 30 June 2015                | 630              | (478)             | (9,358)              | (9,206) |

# Unaudited interim combined and consolidated statements of cash flows

The unaudited combined and consolidated interim statements of cash flow statements of the Group for the six-month period ended 30 June 2016 and the six-month period ended 30 June 2015 are set out below:

|   | Unaudited<br>6 months<br>ended<br>30 June<br>2016 | Unaudited<br>6 months<br>ended<br>30 June<br>2015 |
|---|---|---|
| Cash flows from operating activities  | \$'000  | \$'000  |
| Profit/(loss) before income tax from operations   | 36,491  | (2,202)   |
| Adjustments to add/(deduct) non-cash items:   |   |   |
| Depreciation, depletion and amortisation  | 507   | 1,360   |
| Loss on derivative financial instruments  | 699   | 316   |
| Accretion of decommissioning provision  | 223   | 107   |
| Gain on sale of oil and gas properties  | (84)  | -   |
| Gain on bargain purchase  | (24,212)  | -   |
| Gain on debt cancellation   | (14,149)  | -   |
| Loss on sale of property, plant and equipment   | -   | 2   |
| Working capital adjustments:  |   |   |
| Change in trade receivables   | (1,145)   | (465)   |
| Change in other current assets  | (71)  | (10)  |
| Change in trade and other payables  | 543   | 1,563   |
| Change in other liabilities   | 129   | 21  |
| Net cash used in operating activities   | (381)   | (692)   |
| Cash flows from investing activities  Expenditures on oil and gas properties  Expenditures on property, plant, and equipment  Increase in restricted cash | (8,642)<br>(155)<br>(2)                           | (2,669)<br>(34)                                   |
| Proceeds on disposal of oil and gas properties  | 93  |   |
| Net cash used in investing activities   | (8,706)   | (2,703)   |
| Cash flows from financing activities  |   |   |
| Proceeds from borrowings  | 19,241  | 3,212   |
| Financing expense   | (2,541)   | (438)   |
| Repayments of borrowings  | (7,199)   | (304)   |
| Proceeds from capital lease   | 133   | -   |
| Repayment of capital lease  | (79)  | -   |
| Contributions from stockholders   | -   | 306   |
| Dividends   | (538)   | -   |
| Net cash from financing activities  | 9,017   | 2,776   |
| (Decrease)/increase in cash   | (70)  | 765   |
| Cash and cash equivalents, beginning of period  | 90  | 34  |
| Cash and cash equivalents, end of period  | 20  | 799   |

#### **Notes to the Interim Financial Information**

#### 1. Corporate information

The Company is an Appalachian focused natural gas and crude oil operations company with headquarters in Birmingham, Alabama, USA. The Company was incorporated on 31 July 2014 in England and Wales as a private limited company under company number 09156132. The Company's registered office is located at 27/28 Eastcastle Street, London W1W 8DH. The principal activity of the Company is that of a holding company to the Group. The principal activity of the Group is that of conventional gas and oil production in Ohio and West Virginia, USA.

## 2. Basis of preparation and change of accounting policy

#### a) Basis of preparation and measurement

The Group Financial Information has been prepared in accordance with IFRS, issued by the International Accounting Standards Board, including interpretations issued by the International Financial Reporting Interpretations Committee and the Companies Act 2006 applicable to companies reporting under IFRS. The Group Financial Information has been prepared under the historical cost convention, except for acquisitions and derivative financial instruments that have been measured at fair value through profit and loss.

The basis of preparation and measurement and the accounting policies made by the Directors were the same as those that were applied to the Group Financial Information set out in Part V (B) "Historical Financial Information of the Group".

The Interim Financial Information has been prepared in accordance with IAS 34 "Interim Financial Reporting" as adopted by the EU ("IFRS") issued by the International Accounting Standards Board ("IASB"), including related interpretations issued by the International Financial Reporting Interpretations Committee ("IFRIC").

The Interim Financial Information does not include all the information required for a complete set of IFRS financial statements. However, selected explanatory notes are included to explain events and transactions that are significant to an understanding of the changes in the Group's financial position and performance since the last annual consolidated financial statements as at and for the year ended 31 December 2015.

#### b) New standards and interpretations not yet adopted

There are no new IFRSs or IFRIC interpretations that are effective for the first time for the financial period. A number of new standards and amendments to standards and interpretations have been issued but are not yet effective and in some cases have not yet been adopted by the EU. The Directors do not expect that the adoption of these standards will have a material impact on the financial statements of the Company in future periods, except that IFRS 9 will impact both the measurement and disclosures of financial instruments, IFRS 15 may have an impact on revenue recognition and related disclosures and IFRS 16 will have an impact on the recognition of operating leases. At this point the Directors have yet to conclude on their assessment to provide a reasonable estimate of the effect of these standards as their detailed review of these standards is still ongoing.

#### 3. Change to significant accounting estimates

In accordance with IAS 8 "Accounting Policies, Changes in Accounting Estimates and Errors", the Directors have made the following change in estimate, which had a significant adjustment in the carrying amounts recognised in the Interim Financial Information:

#### a) Decommissioning costs

These costs will be incurred by the Group at the end of the operating life of some of the Group's properties. The ultimate decommissioning costs are uncertain and cost estimates can vary in response to many factors including changes to relevant legal requirements, the emergence of new restoration techniques or experience at other production sites. The expected timing and amount of expenditure can also change, for example, in response to changes in reserves or changes in laws and regulations or their interpretation. As a result, there could be significant adjustments to the provisions established which would affect future financial results.

For the interim period ended 30 June 2016, the Group's reserve report reflected a longer operating life of the oil and gas properties acquired through the Broadstreet Energy acquisition in the year ended 31 December 2015. As a result of a longer operating life, the decommissioning provision will be depreciated and accreted over a 25-year period, rather than an accelerated period estimated in the year ended 31 December 2015.

The impact of the change in estimate on the consolidated Interim Financial Information and future years' financial information is as follows:

| \$'000  | June<br>2016 | December<br>2017 | December<br>2018 | December<br>2019 | December<br>2020 | Later |
|---|--------------|------------------|------------------|------------------|------------------|-------|
| Increase/(decrease) in oil and gas properties                   | 95           | 70               | 55               | 39               | 23               | (281) |
| Decrease in decommissioning provision                           | 1,107        | 79               | 79               | 79               | 79               | 544   |
| (Decrease)/increase in depreciation, depletion and amortisation | (1,077)      | (70)             | (55)             | (39)             | (23)             | 281   |
| Decrease in accretion expenses                                  | (124)        | (79)             | (79)             | (79)             | (79)             | (544) |

# 4. Revenue

|                                   | Unaudited<br>6 months<br>ended<br>30 June<br>2016<br>\$'000 | Unaudited<br>6 months<br>ended<br>30 June<br>2015<br>\$'000 |
|-----------------------------------|---|---|
| Natural gas and crude oil revenue | 6,845   | 2,367   |
| Operator revenue                  | 468   | 471   |
| Oil and gas program revenue       | 84  | 35  |
| Water disposal revenue            | 256   | 45  |
| Total revenue                     | 7,653   | 2,918   |

#### 5. Expenses by nature

|                               | Unaudited<br>6 months<br>ended<br>30 June<br>2016<br>\$'000 | Unaudited<br>6 months<br>ended<br>30 June<br>2015<br>\$'000 |
|-------------------------------|---|---|
| Automobile                    | 407   | 129   |
| Employees and benefits        | 2,099   | 755   |
| Insurance                     | 120   | 105   |
| Well operating expenses       | 3,601   | 686   |
| Total cost of sales           | 6,227   | 1,675   |
| Acquisition costs             | 384   | -   |
| Employees and benefits        | 74  | 76  |
| Other administrative          | 122   | 33  |
| Professional fees             | 84  | 47  |
| Auditor's remuneration        | 127   | 76  |
| Other fees paid to auditors   | 24  | -   |
| Rent                          | 44  | 41  |
| Travel                        | 28  | 4   |
| Uncollectible accounts        | <u> </u>  | 1   |
| Total administrative expenses | 887   | 278   |
| Total expenses                | 7,114   | 1,953   |

# 6. Business acquisitions

# a) Eclipse Resources

In April 2016, the Group acquired 1,300 conventional natural gas and oil wells in Ohio and equipment from Eclipse Resources. The purchase consideration, totalling \$4,800,000, comprised of cash of \$1,300,000 and a short-term note payable of \$3,500,000. The Directors considered the fair value of the reserves held in the assets acquired to be \$11,774,162, which was the 30% cumulative cash flow discount reserve valuation derived from a third-party engineer at the time of purchase. The acquisition has been accounted for as a business acquisition under IFRS 3. The estimated fair values of the assets and liabilities assumed were as follows:

|  | Unaudited<br>\$'000 |
|--|---------------------|
| Oil and gas properties   | 11,774              |
| Oil and gas properties (decommissioning provision, asset portion)        | 2,443               |
| Equipment  | 757                 |
| Decommissioning provision, liability                                     | (2,443)             |
| Other liabilities, long term (suspended royalties and customer deposits) | (89)                |
| Gain on bargain purchase   | (7,642)             |
| Purchase price   | 4,800               |

Between the date of acquisition and 30 June 2016, the assets acquired contributed \$2,984,000 to the Group's revenues.

#### b) Seneca Resources Corporation

In June 2016, the Group acquired 2,400 conventional natural gas and oil wells in Pennsylvania from Seneca Resources Corporation. The purchase consideration comprised of a short-term note payable of \$3,550,000. The Directors considered the fair value of the reserves held in the assets acquired was

\$20,119,793 which was the 35% cumulative cash flow discount reserve valuation derived from a third-party engineer at the time of purchase. The estimated fair values of the assets and liabilities assumed were as follows:

|   | Unaudited<br>\$'000 |
|---|---------------------|
| Oil and gas properties  | 20,120              |
| Oil and gas properties (decommissioning provision, asset portion) | 4,249               |
| Decommissioning provision, liability                              | (4,249)             |
| Gain on bargain purchase  | (16,570)            |
| Purchase price  | 3,550               |

Between the date of acquisition and the 30 June 2016, the assets acquired contributed \$352,000 to the Group's revenues.

The assets acquired in both acquisitions included the necessary permits, rights to production, royalties, contracts and agreements that support the production from the wells.

#### 7. Taxation

Beginning in tax year 2016, the Group will file a consolidated US federal income tax return and separate company state tax returns. To date, the 2015 consolidated US federal tax returns have not been completed, thus the beginning deferred tax asset is unknown. The Group does not anticipate any large tax liabilities, as the gain on bargain purchase is a book to tax difference and the gain on debt cancellation will be recognised on the pass-through returns of the members in tax year 2015.

# 8. Gain on foreign currency conversion

In June 2016, the £ experienced a sharp decline in value due to the UK voting to leave the EU. The Group's £ to \$ conversion rate dropped from \$1.53 at 31 December 2015 to \$1.37. The \$603,000 gain on foreign currency conversion is the decline in the \$ conversion of the Company balance sheet.

#### 9. Earnings/(loss) per Ordinary Share

The calculation for earnings/(loss) per Ordinary Share (basic and diluted) for the relevant period is based on the profit/(loss) after income tax attributable to equity holders for the period as follows:

|  | Unaudited<br>6 months<br>ended<br>30 June<br>2016 | Unaudited<br>6 months<br>ended<br>30 June 2015 |
|--|---|--|
| Profit/(loss) attributable to equity holders | \$37,094,000                                      | \$(2,194,000)                                  |
| Weighted average number of Ordinary Shares   | 40,100,000  | 40,100,000                                     |
| Earnings/(loss) per Ordinary Share           | \$0.93  | \$(0.05)                                       |

The 30 June 2015 calculation uses the pro forma number of Ordinary Shares, both basic and diluted, to reflect the number of Ordinary Shares following the stock reorganisation transaction which occurred in 2015.

Diluted loss per Ordinary Share is calculated by adjusting the weighted average number of Ordinary Shares outstanding to assume conversion there were no potential dilutive Ordinary Shares in issue. The effect of potential dilutive Ordinary Shares would be anti-dilutive and therefore are not included in the above calculation of diluted loss per Ordinary Share.

#### 10. Adjusted EBITDA

Adjusted EBITDA is a non-IFRS financial measure, which is of particular interest to the industry and Directors, as it is essentially the cash generated from current year income the Group has free for interest payments and capital investment. Adjusted EBITDA should not be considered as an alternative to operating profit (loss), comprehensive income, cash flow from operating activities or any other financial performance or liquidity measure presented in accordance with IFRS. Adjusted EBITDA is a non-IFRS financial measure that is defined as comprehensive income/(loss) plus or minus:

- finance costs, including accrued finance costs and deferred financing costs;
- depreciation, depletion amortisation and accretion;
- gain on bargain purchase;
- net gains or losses on the valuation of commodity derivative contracts;
- net gains or losses on foreign currency translation;
- net gains or losses on disposal of property and equipment;
- acquisition costs; and
- potential initial public offering financing costs.

|  | Unaudited<br>6 months<br>ended<br>30 June<br>2016<br>\$'000 | Unaudited<br>6 months<br>ended<br>30 June<br>2015<br>\$'000 |
|--|---|---|
| Operating profit/(loss)                    | 23,936  | (713)   |
| Gain on bargain purchase                   | (24,212)  | -   |
| Loss on disposal of property and equipment | -   | 2   |
| Fair value movement on open derivatives    | 699   | 316   |
| Depreciation, depletion and amortisation   | 507   | 1,360   |
| Acquisition costs                          | 384   | -   |
| Adjusted EBITDA                            | 1,314   | 965   |

# 11. Oil and gas properties

| Cost                     | Unaudited<br>\$'000 |
|--------------------------|---------------------|
| As at 1 January 2016     | 56,659              |
| Additions                | 37,808              |
| Disposals                | (28)                |
| As at 30 June 2016       | 94,439              |
| Depletion and impairment |                     |
| As at 1 January 2016     | (14,306)            |
| Charge for the period    | (283)               |
| Disposals                | 14                  |
| As at 31 December 2015   | (14,575)            |
| Net book value           |                     |
| As at 31 December 2015   | 42,353              |
| As at 30 June 2016       | 79,864              |

# 12. Property, plant and equipment

| Cost                   | Land,<br>buildings and<br>leasehold<br>improvements<br>\$'000 | Aircraft and automobiles \$'000 | Other<br>property and<br>equipment<br>\$'000 | Total<br>\$'000 |
|------------------------|---|---------------------------------|--|-----------------|
| As at 1 January 2016   | 812   | 1,295                           | 1,398  | 3,505           |
| Additions              | -   | 656                             | 255  | 911             |
| Disposals              | -   | -                               | (6)  | (6)             |
| As at 30 June 2016     | 812   | 1,952                           | 1,647  | 4,411           |
| Depreciation           |   |                                 |  |                 |
| As at 1 January 2016   | (39)  | (651)                           | (705)  | (1,395)         |
| Charge for the period  | (9)   | (133)                           | (82)   | (224)           |
| Disposals              | -   | -                               | 6  | 6               |
| As at 30 June 2016     | (48)  | (784)                           | (781)  | (1,613)         |
| Net book value         |   |                                 |  |                 |
| As at 31 December 2015 | 773   | 644                             | 693  | 2,110           |
| As at 30 June 2016     | 764   | 1,168                           | 866  | 2,798           |

#### 13. Derivative financial instruments

#### a) Natural gas swap agreements

On 7 January 2016, the Group entered into a natural gas swap agreement to exchange 2,000 mmbtus/day of natural gas during the period 1 February 2016 to 31 December 2016 at a fixed price of \$2.51 per mmbtu paid by the counterparty.

The effects of the natural gas swap agreements are recorded in the statement of comprehensive income.

## b) Natural gas call/put option agreements

On 10 June 2016, the Group entered into a three-way collar gas call/ option agreement to exchange 4,500 mmbtus/day of natural gas during the period of 1 January 2017 to 31 December 2017 at a fixed price range of \$2.50 to \$3.00 to \$3.48 per mmbtu paid by the counterparty.

The effects of the natural gas call/put option agreements are recorded in the statement of comprehensive income.

#### c) Natural gas basis swap agreements

On 6 May 2016, the Group entered into a natural gas basis swap agreement to exchange 3,500 mmbtus/day of natural gas during the period 1 June 2016 to 31 December 2016 at a fixed price of \$0.92 per mmbtu, paid by the counterparty and the Dominion Transmission Appalachian monthly settlement price to be paid by the Group.

The effects of the natural gas swap agreement were recorded in the statement of comprehensive income.

# d) Oil call/put option agreements

On 13 May 2016, the Group entered into an oil put option agreement to exchange 250 bbls/day of WTI Crude Oil during the period of 1 July 2016 to 31 December 2016 at a fixed price of \$43.00 per barrel paid by the counterparty. The Group also executed an oil call agreement on 13 May 2016 to exchange 250 bbls/day of WTI Crude Oil during the period of 1 July 2016 to 31 December 2016 at a fixed price of \$52.00 per barrel paid by the counterparty.

On 16 May 2016, the Group entered into a three-way collar oil call/put option agreement to exchange 125 bbls/day of WTI Crude Oil during the period of 1 January 2017 to 31 December 2017 at a fixed price range of \$37.00 to \$47.00 to \$59.00 per bbl paid by the counterparty.

The Group agreed to the variable price per barrel equal to the arithmetic average of the daily settlement prices for the WTI first traded contract month on the New York Mercantile Exchange.

Effects of the oil put/call option agreements are recorded in the statement of comprehensive income.

The following table summarises the Group's calculated fair value of derivative agreements:

|                                   | Unaudited<br>As at<br>30 June<br>2016<br>\$'000 | Audited<br>As at<br>31 December<br>2015<br>\$'000 |
|-----------------------------------|---|---|
| Natural gas put option agreements | (140)   | (88)  |
| Natural gas swap agreements       | (474)   | -   |
| Natural gas basis swap agreements | 53  | -   |
| Oil put agreements                | (121)   | -   |
| Oil swap agreements               | -   | 105   |
|                                   | (682)   | 17  |

# 14. Share capital

There has been no movement in share capital from the period ending 31 December 2015 to 30 June 2016.

# 15. Stockholder contributions and distributions

| Stockholder contributions         | Unaudited<br>6 months<br>ended<br>30 June<br>2016<br>\$'000 | Unaudited<br>6 months<br>ended<br>30 June<br>2015<br>\$'000 |
|-----------------------------------|---|---|
| Robert Hutson Jr. and Robert Post | -   | 306   |
| Stockholder distributions         |   |   |
| Robert Hutson Jr. and Robert Post | 538   |   |

# 16. Borrowings

Borrowings payable as at each of 30 June 2016 and 31 December 2015 consist of the following:

|  | Unaudited<br>As at<br>30 June<br>2016<br>\$'000 | Audited<br>As at<br>31 December<br>2015<br>\$'000 |
|--|---|---|
| Note payable - Financing companies and institution, with interest rates ranging from 4.19% to 9.39%, maturing March 2015 through to October 2019, secured by automobiles.  | 384   | 305   |
| Note payable - Financial institution, with interest rate of 3.25%, maturing December 2016, secured by oil and gas assets.  | 16,118  | 16,218  |
| Note payable – unsecured revolving line of credit of up to \$50,000, with a rate of 10.25%, with an annual renewal term.   | 22  | 33  |
| Note payable, Mezzanine lender, with interest rate of 12%, maturing 31 January 2018, secured by a mezzanine lien on oil and gas assets.  | -   | 14,771  |
| Financial institution, with interest rates ranging from 5%-6.90%, maturing July 2017 through to December 2020, secured by buildings.   | 99  | 113   |
| Note payable – financial institution, with interest rate of 4%, maturing August 2016, secured by oil and gas properties.   | 3,225   | 3,285   |
| Note payable - individual, with interest of 6.0%, maturing March 2016, unsecured.  | 280   | 420   |
| Notes payable - individuals, with interest of 8.0%, maturing September 2017, unsecured.  | 104   | 116   |
| Note payable – unsecured revolving line of credit of up to \$125,000, with a rate of Wall Street Journal Prime Rate plus 2% rounded to the nearest 0.125%, having a floor of 6% and a ceiling of 18%, with an annual renewal term. | -   | 17  |
| Note payable - business institution, no interest rate, matured, remaining balance owed on building properties acquired, unsecured  | 125   | 725   |
| Note payable – financial institution, with interest rate of Wall Street Journal Prime Rate plus 0.50%, maturing June 2016, secured by oil and gas properties.  | 2,000   | 2,000   |
| Bonds payable - individuals and institutional investors, with interest of 8.5%, maturing June 2020, unsecured  | 13,009  | 6,375   |
| Notes payable – Financing companies, with interest rates ranging from 10%-12%, maturing September 2016 through to November 2016, secured by oil and gas properties   | 6,650   | -   |
| Notes payable - individuals, with interest of 8.5%, maturing September 2016, unsecured   | 523   | -   |
| Total borrowings   | 42,539  | 44,378  |

Borrowings payable as at each of 30 June 2016 and 31 December 2015 consist of the following:

|   | Unaudited<br>As at<br>30 June<br>2016<br>\$'000 | Audited<br>As at<br>31 December<br>2015<br>\$'000 |
|---|---|---|
| Total Borrowings                          | 42,539  | 44,378  |
| Less current portion of long-term debt    | (29,194)  | (22,821)  |
| Less deferred financing costs (see below) | (3,753)   | (2,367)   |
| Plus accrued finance costs (see below)    | -   | 925   |
|   | 9,592   | 20,115  |

Deferred financing costs as at each of 30 June 2016 consist of the following:

|   | Unaudited<br>\$'000 |
|---|---------------------|
| Deferred financing costs as at 31 December 2015 | 2,367               |
| Additions                                       | 2,022               |
| Charge  | (170)               |
| Foreign currency translation adjustment         | (466)               |
| Deferred financing costs as at 30 June 2016     | 3,753               |

Future maturities of the long-term notes payable as at 30 June 2016 are as follows:

|   | Unaudited<br>\$'000 |
|---|---------------------|
| Not later than one year                           | 29,194              |
| Later than one year and not later than five years | 13,345              |
| Later than five years                             | -                   |
|   | 42,539              |

During year ended 31 December 2015, the mezzanine lender had introduced settlement terms which were finalised in March 2016. Outstanding borrowings of \$14,771,000 and accrued finance charges of \$925,000 were settled in exchange for an immediate payment of \$950,000. The remaining balance, net of expenses, is recognised as a gain on debt settlement totaling \$14,149,000.

## 17. Events after the reporting period

As at the date of this document, the Company's bond issuance on the NEX Exchange Growth Market was £10,649,884.

Subsequent to 30 June 2016, 800,000 Ordinary Shares of £0.01 par value were issued to Martin. K. Thomas.

Subsequent to 30 June 2016, 2,210,481 Ordinary Shares of £0.01 par value were issued to Bradley G. Gray.

#### 18. Ultimate controlling party

As at 30 June 2016, the Company did not have any one identifiable controlling party.

# 19. Nature of the Interim Financial Information

The Interim Financial Information presented above does not constitute statutory financial statements for the period under review.

#### **PART VI**

# (A) UNAUDITED PRO FORMA STATEMENT OF NET ASSETS OF THE GROUP

Set out below is the unaudited pro forma statement of net assets of the Group as at 30 June 2016 (the "Pro Forma Financial Information"). The Pro Forma Financial Information has been prepared on the basis set out in the notes below to illustrate the effects of:

- the net proceeds from the issue of the Placing Shares at the Placing Price; and
- the repayment of the Group's borrowings

on the net assets of the Group as at 30 June 2016. It has been prepared for illustrative purposes only. Because of its nature, the Pro Forma Financial Information addresses a hypothetical situation and, therefore, does not represent the Group's actual financial position. It is based on the schedules used in preparing the unaudited interim balance sheet of the Group as at 30 June 2016, which is reproduced in Part V(C) "Interim Financial Information of the Group" of this document.

Users should read the whole of this document and not rely solely on the summarised financial information contained in this Part VI(A) "Unaudited Pro-Forma Statement of Net Assets of Group".

The report on the Pro Forma Financial Information is set out in Part VI(B) "Accountant's Report on the Unaudited Pro Forma Statement of Net Assets of the Group" of this document.

# Unaudited pro forma statement of net assets

|                                  | Net assets<br>of the Group<br>as at<br>30 June<br>2016<br>(Note 1)<br>\$'000 | Adjustment<br>Receipt of net<br>Placing<br>Proceeds<br>(Note 2)<br>\$'000 | Adjustment<br>Repayment of<br>borrowings<br>(Note 3)<br>\$'000 | Unaudited<br>Pro forma<br>Net assets<br>\$'000 |
|----------------------------------|--|---|--|--|
| Oil and gas properties           | 79,864   | -   | -  | 79,864   |
| Property, plant and equipment    | 2,798  | -   | -  | 2,798  |
| Restricted cash                  | 117  | -   | -  | 117  |
| Non-current assets               | 82,779   | -   | -  | 82,779   |
|                                  |  |   |  |  |
| Trade receivables                | 3,336  | -   | -  | 3,336  |
| Other current assets             | 118  | -   | -  | 118  |
| Cash and cash equivalents        | 20   | 46,144  | (41,624)   | 4,540  |
| Current assets                   | 3,474  | 46,144  | (41,624)   | 7,994  |
| TOTAL ASSETS                     | 86,253   | 46,144  | (41,624)   | 90,773   |
|                                  |  |   |  |  |
| Decommissioning provision        | (14,798)   | -   | -  | (14,798)                                       |
| Capital lease                    | (115)  | -   | -  | (115)  |
| Borrowings                       | (9,592)  | -   | 9,458  | (134)  |
| Other liabilities                | (358)  | -   | -  | (358)  |
| Non-current liabilities          | (24,863)   | -   | 9,458  | (15,405)                                       |
| Trade and other payables         | (3,537)  | _   | _  | (3,537)  |
| Derivative financial instruments | (682)  | _   | _  | (682)  |
| Borrowings                       | (29,194)   | -   | 27,761   | (1,433)  |
| Capital lease                    | (113)  | _   |  | (113)  |
| Other liabilities                | (125)  | _   | -  | (125)  |
| Current liabilities              | (33,651)   | _   | 27,761   | (5,890)  |
| TOTAL LIABILITIES                | (58,514)   |   | 37,219   | (21,295)                                       |
| NET ASSETS                       | 27,739   | 46,144  | (4,405)  | 69,478   |

#### Notes:

- 1. The financial information relating to the Group has been extracted without adjustment from the Interim Financial Information set out in Part V(C) "Interim Financial Information of the Group" of this Document.
- 2. The adjustment of \$46,144,000 reflects the gross proceeds from the Placing Shares at the Placing Price, less associated costs of the Placing and Admission of \$3,815,000.
- 3. The adjustment of \$41,624,000 reflects the repayment of \$40,972,000 of the Group's borrowings together with \$652,000 of premiums arising on the early settlement of the Group's Bonds.
- 4. The Pro Forma Financial Information does not reflect any changes in the trading position of the Group, the effects of the US taxation liability of \$1,500,000 which arose in November 2016, or any other changes arising from other transactions, since 30 June 2016.

#### **PART VI**

# (B) ACCOUNTANT'S REPORT ON THE UNAUDITED PRO FORMA STATEMENT OF NET ASSETS OF THE GROUP



The Directors
Diversified Gas & Oil PLC
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London W1W 8DH

The Directors
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30 January 2017

Dear Sirs,

#### Introduction

We report on the unaudited pro forma statement of net assets of Diversified Gas & Oil PLC (the "Company") and its subsidiaries (together, the "Group") (the "Pro Forma Financial Information") set out in Part VI(A) "*Unaudited Pro Forma Statement of Net Assets of the Group*" of the Company's AIM admission document dated 30 January 2017 (the "Admission Document"). The Pro Forma Financial Information has been prepared on the basis of the notes thereto, for illustrative purposes only, to provide information about how:

- the net proceeds from the issue of the Placing Shares at the Placing Price; and
- the repayment of the Group's borrowings

might have affected the financial information presented on the basis of the accounting policies adopted by the Company in preparing its unaudited interim financial information as at 30 June 2016. This report is required by Schedule Two of the AIM Rules for Companies (the "AIM Rules") and is given for the purpose of complying with that schedule and for no other purpose.

#### Responsibilities

It is the responsibility of the directors of the Company (the "Directors") to prepare the Pro Forma Financial Information. It is our responsibility to form an opinion on the Pro Forma Financial Information as to the proper compilation of the Pro Forma Financial Information and to report our opinion to you.

In providing this opinion we are not updating or refreshing any reports or opinions previously made by us on any financial information used in the compilation of the Pro Forma Financial Information, nor do we accept responsibility for such reports or opinions beyond that owed to those to whom those reports or opinions were addressed by us at the dates of their issue.

#### Basis of opinion

We conducted our work in accordance with the Standards for Investment Reporting 4000 as issued by the Auditing Practices Board in the United Kingdom. The work that we performed for the purpose of making this report, which involved no independent examination of any of the underlying financial information, consisted primarily of comparing the unadjusted financial information with the source documents, considering the evidence supporting the adjustments and discussing the Pro Forma Financial Information with the Directors. We planned and performed our work so as to obtain all the information and explanations we considered necessary in order to provide us with reasonable assurance that the Pro Forma Financial Information has been properly compiled on the basis stated and that such basis is consistent with the accounting policies of the Company.

# Opinion

In our opinion:

- the Pro Forma Financial Information has been properly compiled on the basis stated; and
- such basis is consistent with the accounting policies of the Company.

#### Declaration

For the purposes of Paragraph (a) of Schedule Two of the AIM Rules, we are responsible for this report as part of the Admission Document and declare that we have taken all reasonable care to ensure that the information contained in this report is, to the best of our knowledge, in accordance with the facts and contains no omission likely to affect its import. This declaration is included in the Admission Document in compliance with Schedule Two of the AIM Rules.

Yours faithfully,

**Crowe Clark Whitehill LLP** 

**Chartered Accountants** 

# PART VII COMPETENT PERSON'S REPORT

Set out below is a report prepared by Wright & Co relating to the Group's gas and oil assets.



Prepared For:

DIVERSIFIED GAS & OIL PLC 1100 CORPORATE DRIVE BIRMINGHAM, AL 35238, UNITED STATES

THE DIRECTORS
SMITH & WILLIAMSON CORPORATE FINANCE LIMITED
25 MOORGATE
LONDON, EC2R 6AY, UNITED KINGDOM

THE PARTNERS
MIRABAUD SECURITIES LLP
33 GROSVENOR PLACE,
LONDON, SW1X 7HY, UNITED KINGDOM

1 DECEMBER 2016

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# **APPENDIX 1**

Summary Table of Assets – Oil & Gas

# **EXHIBITS**

| Α | Summary of Results |
|---|--------------------|
| D | CDE Dotroloum Poco |

- B SPE Petroleum Reserves Definitions
- C Glossary of Terms
- D1 Reserves Charts by Category
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- E Map of Location of Evaluated Interests
- F1 Cash Flow Summaries (BTAX)
- F2 Cash Flow Summaries (ATAX)
- G NYMEX Pricing
- H Professional Qualifications
- I Confirmations

#### **EXECUTIVE SUMMARY**

Wright & Company Inc. has performed an evaluation of the petroleum reserves to the interests of Diversified Gas & Oil PLC for their properties located in the United States. This evaluation encompasses the existing producing properties along with any future development identified at the time of this evaluation. All evaluations were completed using the guidelines as documented by the Society of Petroleum Engineers, and the report has been prepared in accordance with the standards of the *Note on Mining and Oil & Gas Companies* issued by the London Stock Exchange. This report details the methods, prices, expenses, and other criteria utilized in the evaluation process. Wright & Company Inc. is confident that this report provides a fair and reasonable representation of the reserves and the associated results. The following table is a summary of the results of the evaluation.

| Diversified Gas & Oil PLC<br>Utilizing Specified Economics | Proved<br>Developed<br>Producing<br>(PDP) | Proved Developed<br>Nonproducing and<br>Temporarily<br>Abandoned<br>(PDNP &PDNP-TA) | Proved<br>Developed<br>Behind Pipe<br>(PDBP) | Proved<br>Undeveloped<br>(PUD) | Total<br>Proved |
|--|---|---|--|--------------------------------|-----------------|
| Net Reserves to the  |   |   |  |                                |                 |
| Evaluated Interests  |   |   |  |                                |                 |
| Oil, Mbbl:   | 1,469.893                                 | 0.000   | 17.097                                       | 784.635                        | 2,271.625       |
| Gas, MMcf:   | 135,402.528                               | 0.000   | 1,315.155                                    | 16,977.508                     | 153,695.184     |
| NGL, Mbbl:   | 20.305                                    | 0.000   | 0.000  | 0.000                          | 20.305          |
| Gas Equivalent, MMcfe:                                     | 144,343.716                               | 0.000   | 1,417.737                                    | 21,685.318                     | 167,446.764     |
| (1 bbl = 6 Mcfe)   |   |   |  |                                |                 |
| Cash Flow Before Tax (BTAX), M\$                           |   |   |  |                                |                 |
| Undiscounted:  | 349,853.824                               | 0.000   | 3,466.666                                    | 33,821.932                     | 387,142.368     |
| Discounted at 10% per Annum:                               | 125,043.832                               | 0.000   | 974.790                                      | -995.753                       | 125,022.888     |
| Cash Flow After Tax (ATAX), M\$                            |   |   |  |                                |                 |
| Undiscounted:  | 290,378.592                               | 0.000   | 2,883.418                                    | 29,223.980                     | 322,486.016     |
| Discounted at 10% per Annum:                               | 103,662.528                               | 0.000   | 808.306                                      | -444.354                       | 104,026.480     |

Please note numbers in table may not add due to rounding techniques in the ARIES™ petroleum software program.

# **INTRODUCTION**

At the request of Diversified Gas & Oil PLC (DGO or Company), Wright & Company, Inc. (Wright) has been engaged to perform an evaluation to estimate proved reserves and associated cash flow and economics from certain properties located in Ohio, Pennsylvania, and West Virginia, United States (U.S.), to the subject interests. This evaluation was authorized by Mr. Robert "Rusty" Hutson, Jr. of DGO. It is the understanding of Wright that this Competent Person's Report (CPR) will be included in the admission document issued by the Company in relation to its anticipated listing of DGO's issued and to be issued capital on the AIM Market (AIM) of the London Stock Exchange (LSE). This CPR is provided in accordance with the *Note for Mining and Oil & Gas Companies — June 2009*, issued by the LSE. Wright meets the requirements of a qualified Competent Person (CP) as stipulated in the *Note for Mining and Oil & Gas Companies* issued by the LSE. Additionally, Wright understands that this CPR may be presented by DGO to certain existing investors or financial institutions. The results of this evaluation, with economic parameters effective as of August 1, 2016, are summarized in the attached **Exhibit A**.

Oil, gas, and other liquid hydrocarbon reserves were evaluated for the proved developed producing (PDP), proved developed nonproducing (PDNP), proved developed nonproducing – temporarily abandoned (PDNP-TA), proved developed behind pipe (PDBP), and proved undeveloped (PUD) categories. The summary classification of total proved developed reserves combines the PDP, PDNP, PDNP-TA, and PDBP categories, and the summary classification of total proved reserves combines the total proved developed and PUD categories. In preparing this evaluation, no attempt has been made to quantify the element of uncertainty associated with any reserves category. Reserves were assigned to each category as warranted. The SPE Petroleum Reserves Definitions, found in Exhibit B, describes all categories of reserves. A glossary of terms used throughout this CPR can be found in Exhibit C. Charts indicating the percent allocation of net proved reserves by reserves category and by state can be found in Exhibit D1 and Exhibit D2.

The individual projections of lease reserves and economics were generated using certain data that describe the production forecasts and all associated evaluation parameters such as interests, severance and ad valorem taxes, product prices, operating expenses, and investments, as applicable. These data reports are not presented individually, but are a part of Wright's work product and are retained in our files. This CPR is intended to be used in its entirety and should not be used for any purpose other than that outlined herein without the prior knowledge of and express written authorization by an officer of Wright. This CPR will be included in the Company's admission document, which will be a public document.

# **COMPANY BACKGROUND**

DGO is an Appalachian Basin focused gas and oil company with headquarters in Birmingham, Alabama, U.S. DGO was founded in 2001 and now operates approximately 7,500 conventional vertical wells in Ohio, Pennsylvania, and West Virginia. DGO does not perform high-risk drilling projects, but has focused on existing areas with stable and reasonably predictable production. The recent strategic plan and growth potential is through acquisitions of certain companies with long-lived PDP wells with relatively low decline rates.

During 2015, DGO acquired over 2,000 conventional vertical PDP wells. Prior to the effective date, DGO acquired almost 4,000 similar wells in 2016. The divesting companies may not have focused on opportunities to increase production by improvements in operations, recompletion of additional formations, and/or identification of potential additional infill drilling locations on existing leases. In the opinion of Wright, a dedicated focus and effort by DGO may improve the overall performance of some of these acquired wells.

# **GENERAL INFORMATION**

The properties evaluated in this CPR are located in the northeastern U.S. in the Appalachian Basin. The wells and locations are in the states of Ohio, Pennsylvania, and West Virginia. A map showing the states and counties in which the properties included in this CPR are located can be found in **Exhibit E**.

For this evaluation, projections of the reserves and associated cash flow and economics to the evaluated interests were based on specified economic parameters, operating conditions, and government regulations considered to be applicable at the effective date. Net income to the evaluated interests is the cash flow after consideration of royalty revenue payable to others, standard

state and county taxes, operating expenses, investments, salvage values, and abandonment costs, as applicable. The cash flow is before federal income tax (BTAX) and excludes consideration of any encumbrances against the properties if such exist. At the request of DGO, Wright has also included a summary of cash flow values after federal income tax (ATAX). These summaries can be found in **Exhibit F1** and **Exhibit F2**.

The cash flow values presented in <u>Exhibit F1</u> and <u>Exhibit F2</u> were based on projections of annual oil and gas production or sales. It was assumed there would be no significant delay between the date of oil and gas production and the receipt of the associated revenue for this production.

Wright used the ARIES™ Version 5000.1.13.0 petroleum software program of Landmark Graphics Corporation, a Halliburton business line, in the evaluation of the properties. Certain data such as product prices, operating expenses, ad valorem tax rate, and interests were provided by DGO, the accuracy of which were not independently verified by Wright. Wright did not review individual gas and oil purchase contracts. A review of the base price terms and adjustments is contained in the "Product Prices" section of this CPR. It should be noted that the values contained in this CPR may not always add to exactly the same values as shown in the summaries due to internal rounding in the ARIES™ petroleum software program.

Unless specifically identified and documented by DGO as having curtailment problems, gas production or sales trends have been assumed to be a function of well productivity and not of market conditions. In the opinion of Wright, for properties in which current rates of production are limited due to operating conditions, projections represent the operating status at the effective date.

Oil and other liquid hydrocarbon volumes are expressed in thousands of U.S. barrels (Mbbl) of 42 U.S. gallons. Gas volumes are expressed in millions of standard cubic feet (MMcf) at 60 degrees Fahrenheit and at the legal pressure base that prevails in the state in which the reserves are located. For purposes of this CPR, quantities of barrels of oil and natural gas liquids (NGL) are converted into equivalent quantities of natural gas at the ratio of 1 bbl = 6 Mcfe. No adjustment of the individual gas volumes to a common pressure base has been made.

No investigation was made of potential gas volume and/or value imbalances that may have resulted from over/under delivery to the evaluated interests. Therefore, the estimates of reserves and cash flow do not include adjustments for the settlement of any such imbalances.

The Cash Flow (BTAX) and Cash Flow (ATAX) were discounted monthly at an annual rate of 10.0 percent as requested by DGO. Future cash flow was also discounted at several secondary rates as indicated on each reserves and economics page. These additional discounted amounts are displayed as totals only. It should be noted that no opinion is expressed by Wright as to the fair market value of the evaluated properties. In the determination of the Cash Flow (ATAX), DGO represented to Wright that their corporate tax rate was 17 percent, which was used in accordance with their instructions.

This CPR includes only those costs and revenues provided by DGO that are directly attributable to individual leases and areas. There could exist other revenues, overhead costs, or other costs associated with DGO that are not included in this CPR. Such additional costs and revenues are outside the scope of this evaluation. This CPR is not a financial statement for DGO and should not be used as the sole basis for any transaction concerning DGO or the evaluated properties.

# **DATA SOURCES**

All data utilized in the preparation of this CPR with respect to ownership interests, product prices, gas contract terms, operating expenses, investments, salvage values, abandonment costs, well information, and current operating conditions, as applicable, were provided by DGO. Data obtained after the effective date, but prior to the completion of this CPR, were used only if such data were applied consistently. If such data were used, the reserves category assignments reflect the status of the wells as of the effective date. Production or sales data were provided by DGO or obtained by Wright through publicly available sources. All data have been reviewed for reasonableness and, unless obvious errors were detected, have been accepted as correct. It should be emphasized that revisions to the projections of reserves and economics included in this CPR may be required if the provided data are revised for any reason. Historically, Wright has not inspected the properties it has evaluated, and Wright believes it is neither necessary nor customary for the purposes and scope of this CPR.

# **METHODS OF RESERVES DETERMINATION**

The estimates of reserves contained in this CPR were determined by accepted industry methods as determined by the Guidelines for Application of the Petroleum Resources Management System (SPE), dated November 2011, and in accordance with the SPE Petroleum Reserves Definitions found in **Exhibit B**. Methods utilized in this CPR include extrapolation of historical production or sales trends, and analogy to similar producing properties.

Where sufficient production history and other data were available, reserves for producing properties were determined by extrapolation of historical production or sales trends, commonly referred to as Decline Curve Analysis (DCA). Analogy to similar producing properties was used for those properties that lacked sufficient production history and other data to yield a definitive estimate of reserves. It should be noted that subsequent production performance trends or material balance calculations may cause the need for significant revisions to the estimates of reserves. It should be especially noted that in some of the wells, the historical production data may be incomplete, particularly in some of the newly acquired properties.

For the PDBP and PUD locations, estimated ultimate recovery (EUR) was based on analogy to similar producing properties. Wright's projections for the undeveloped locations were based on a generalized type curve for the specific area and formations with initial rates and declines based on reserves assigned. Production start dates for the PDBP and PUD locations were provided by DGO and used in accordance with their instructions. Subsequent production performance trends may cause the need for revisions to the estimates of reserves. Reserves projections based on analogy are subject to change due to subsequent changes in the analogous properties or subsequent production from the evaluated properties.

There are significant uncertainties inherent in estimating reserves, future rates of production, and the timing and amount of future costs. The estimation of reserves must be recognized as a subjective process that cannot be measured in an exact way, and estimates of others might differ materially from those of Wright. The accuracy of any reserves estimate is a function of the quantity and quality of available data and of subjective interpretations and judgments. It should be emphasized that production data subsequent to the date of these estimates or changes in the analogous properties may warrant revisions of such estimates. Accordingly, reserves estimates are often different from the quantities of oil and gas that are ultimately recovered.

#### **INTERESTS**

The overall average working interest (WI) owned by DGO for properties included in this evaluation calculates to be approximately 95 percent, and the overall average net revenue interest (NRI) calculates to be approximately 83 percent. The average royalty rate is approximately 12.6 percent.

# **PRODUCT PRICES**

According to the instructions of DGO, the base product prices used for this CPR were the New York Mercantile Exchange (NYMEX) Futures Settlements as published by CME Group on August 1, 2016, for West Texas Intermediate oil at Cushing, Oklahoma, and natural gas at Henry Hub, Louisiana. Monthly futures prices were used beginning in August 2016 through December 2028, then held constant at the December 2028 published price. A table showing the base product prices can be found in **Exhibit G**. As instructed by DGO, there are no adjustments for energy content, quality, and basis differential. The resultant average product prices are \$51.72 per barrel of oil and \$4.039 per Mcf of gas. The NGL product price was estimated to be approximately 33 percent of the base oil price, resulting in a weighted average price of \$17.12 per barrel. It should be emphasized that with the current economic uncertainties, fluctuations in market conditions could significantly change the economics in this CPR.

# **OPERATING EXPENSES**

Operating expenses were provided by DGO and were used in accordance with their instructions. According to DGO, these expenses were based upon the latest available 12-month average actual costs and included, but were not limited to, all direct operating expenses and field level overhead costs. Expenses for workovers, well stimulations, and other maintenance were not included in the operating expenses unless such work was expected on a recurring basis. Judgments for the exclusion of the nonrecurring expenses were made by DGO. Any internal indirect overhead costs (general and administrative), which are not billable to the working interest owners, were not included. For the PDP properties, the total operating expenses for the life of this report averaged \$11.03 per barrels of oil equivalent (boe). For new and developing properties where data were unavailable, operating expenses were estimated by DGO based on analogy to similar properties. After the effective date, the operating expenses were held constant for the life of the properties. It should be noted that these types of production profiles and estimated future volumes should have a relatively low cost per unit production.

# **SEVERANCE AND AD VALOREM TAXES**

Standard state severance taxes and average county ad valorem taxes have been deducted as appropriate. All taxes were provided by DGO or based on current published rates and were used in accordance with the instructions of DGO. According to DGO, any ad valorem taxes not deducted separately were included in the operating expenses. The following table shows the various rates for each state used in this evaluation.

| State         | Ad Valorem Tax Rates                                     | Severance Tax Rates                                       |  |  |  |
|---------------|--|---|--|--|--|
| Ohio          | Ranged from 0.053% to 3.5% of revenue, depending on area | Ranged from \$0.20 - \$0.61 per barrel, depending on area | Ranged from \$0.03 - \$0.07 per Mcf, depending on area |  |  |
| Pennsylvania* | N/A  | N/A   | N/A  |  |  |
| West Virginia | Ranged from 0 – 2.5% of revenue,<br>depending on area    | 5% of Revenue   | 5% of Revenue  |  |  |

<sup>\*</sup>There are no applicable ad valorem or severance taxes in Pennsylvania.

# **INVESTMENTS**

All capital costs for drilling, completion, and stimulation of wells and nonrecurring hook-up, workover or operating costs have been deducted as applicable. These costs were provided by DGO and used in accordance with their instructions. The average net cost for the drilling and completion of a PUD location is approximately 226 thousand dollars (M\$) including all facility cost. No adjustments were made to account for the potential effect of inflation on these costs. In accordance with the instructions of DGO, reserves and values for all undeveloped properties include only locations having a positive undiscounted Cash Flow (BTAX). The following table depicts the number of total PDBP and PUD locations to be drilled and the annual net capital investment required to fully develop the reserves included in this CPR.

|                          | Number of | Net Capital |                    |
|--------------------------|-----------|-------------|--------------------|
| Year of First Production | PDBP      | PUD         | Investment,<br>M\$ |
| 2017                     | 9         | 8           | 2,529.425          |
| 2018                     | 6         | 48          | 11,299.125         |
| 2019                     | 0         | 37          | 8,325.000          |
| 2020                     | 0         | 36          | 8,100.000          |
| 2021                     | 0         | 37          | 8,325.000          |
| 2022                     | 0         | 36          | 8,100.000          |
| TOTALS                   | 15        | 202         | 46,678.552         |

Please note numbers in table may not add due to rounding techniques in the ARIES™ petroleum software program.

In most PDP wells, which contribute the majority of the total value, little or no capital investment is expected to be incurred to maintain the production profile for anticipated future production.

#### **AREA OF MATERIAL ASSETS**

# Introduction

Wright was founded in 1988 by D. Randall Wright. In preparing this CPR, Mr. Wright had the direct oversight and management of the evaluation methods and procedures and is a professionally qualified Competent Person (CP) under the AIM rules. Wright has evaluated tens of thousands of wells similar to the ones included in this CPR for many clients. Wright routinely prepares CPRs, or similar reports, for clients of their oil and gas reserves and economics pursuant to the financial reporting requirements of the U.S. Securities and Exchange Commission (SEC) for various publicly traded companies.

Wright maintains extensive knowledge and utilizes its proprietary internal database of analogous information, in conjunction with data and information from various clients, for evaluations of oil and gas reserves and economics throughout the U.S. and particularly the Appalachian Basin. The professional qualifications of Mr. Wright can be found in **Exhibit H**. The following is a technical discussion of the material assets of DGO based on Wright's evaluation.

#### **Technical Discussion**

The Appalachian Basin is an area of the northeast U.S. that underlies ten states including Ohio, Pennsylvania, and West Virginia as shown in *Figure 1*. The Appalachian Basin covers an area of approximately 185,500 square miles. It is 1,075 miles long from the northeast to the southwest and between 20 to 310 miles wide. While this area is famous for the more recent Marcellus Shale horizontal development, it has been a major contributor of vertical well development since the late 1800's.

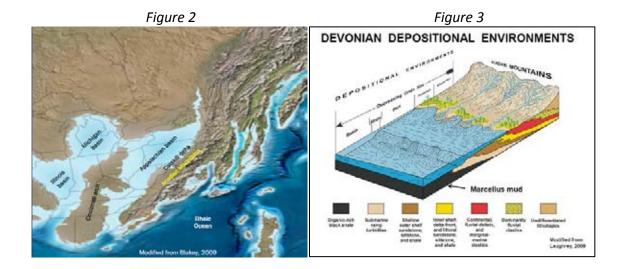
Figure 1

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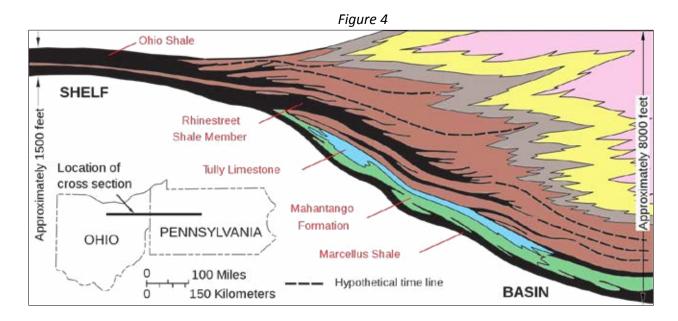
Source: https://edx.netl.doe.gov

The depositions for the Appalachian Basin are the erosional sediments from the once Acadian Mountains into the lower basin, as referenced in *Figure 2*. The basin was limited to the west by the Cincinnati arch. As the mountains eroded over time, the sediment was deposited in the basin with alternating layers of carbonates, limestones, sandstone, siltstone, and shale intervals, as shown in *Figure 3*.

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The effect of these geological events results in the Appalachian Basin section being very thin to the west and very thick to the south and the east. As shown below in *Figure 4*, in parts of Ohio the Appalachian Basin is approximately 1,500 feet thick, while in parts of Pennsylvania it can reach a thickness of 8,000 feet.



The beginning of the oil and gas industry started in 1859 with the discovery of oil in the Edwin Drake well located in northwestern Pennsylvania. Oil in this well was produced from the Upper Devonian sandstone at a depth of approximately 70 feet. This discovery well opened a trend of oil and gas fields producing from the Upper Devonian, Mississippian, and Pennsylvanian sandstones across many parts of the states of Kentucky, New York, Ohio, Pennsylvania, and West Virginia.

Hydrocarbon producing formations in the Appalachian Basin can range from approximately 2,000 feet deep in portions of Ohio to more than 8,000 feet deep in Pennsylvania and West Virginia.

The Geological Age of the formations dates from the Lower Mississippian to the Upper Cambrian with most of DGO's current production coming from the Devonian and Silurian Ages.

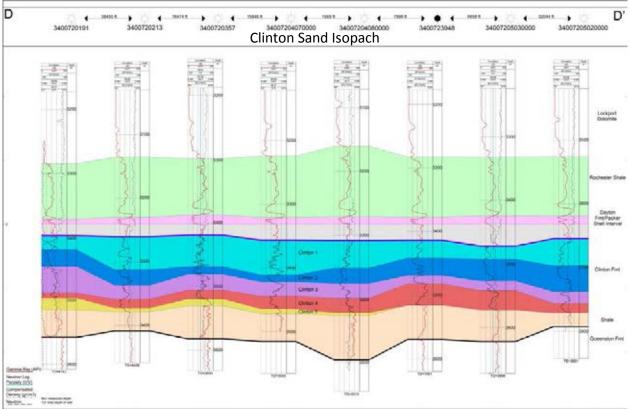
In Ohio, the producing formations include the Berea Sand, Bradford Sand, Gantz Sand, Gordon Sand, Rose Run Sand, and several others as noted in the Ohio stratigraphic columns shown in *Figure 5*, but the majority of the state production comes from the Clinton Sand. The Clinton Sand is a Silurian Age formation and has been the most actively drilled zone in Ohio since the 1950's.

Figure 5 OHIO STRATIGRAPHIC COLUMNS FORMATION NAME URFACE COAL SEAM le LS (Cr 0 (un. Squaw BEREA Sand DEVONIAN HURON Shale ("Brown Shales") Rhinestreet / Marcellus Shales ("Black Shales") ONONDAGA La **ORISKANY Sand** NEWBURG/LOCKPORT SILUFIAN CLINTON Sand (OH) MEDINA Sand (PA) ORDOVICAN UTICA Shale TRENTON Ls. BLACK RIVER **BEEKMANTOWN** Dolomite CAMBRIAN ROSE RUN Sands TREMPEALEAU OWE SANDS nbrian BASEMENT / GRANITE

The Clinton Sand was discovered in 1885 in Knox County, Ohio. It is believed to be formed as a nearshore deposit during the Silurian time and was deposited as a blanket of sand throughout eastern Ohio, increasing in thickness from northwest to southeast toward the center of the Appalachian Basin. The average depth is approximately 5,200 feet, with depths ranging from 3,500 to 6,000 feet. The entire Clinton Sand interval is generally 150 to 200 feet in thickness with net productive pay ranging from 10 to 100 feet. Hydraulic fracturing techniques introduced in the 1950s greatly improved oil and gas recoveries from the Clinton Sandstones. The uniformity of the Clinton Sand deposition is represented in *Figure 6*.

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Figure 6



Source: http://www.searchanddiscovery.com/pdfz/documents/2012/50737bloxson/ndx\_bloxson.pdf.html

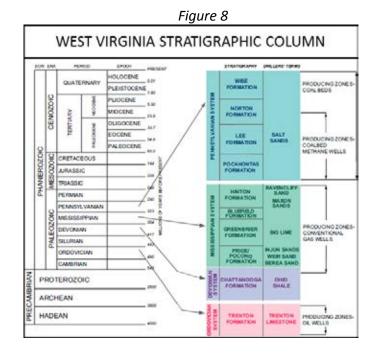
The Cambrian Ordovician Age Knox Group play of the Appalachian Basin extends from northern Tennessee to south central Kentucky, through eastern Ohio and occurs in localized areas of northwestern Pennsylvania and western New York. The Knox Unconformity is a major erosional angular unconformity that truncates progressively younger beds of rock from southeastern Ohio in the northwestern direction. The truncation of these gently dipping Lower Ordovician and Cambrian carbonates and sandstones provide an excellent trap and seal for hydrocarbon accumulation. The Knox Group is usually subdivided into units, listed in descending stratigraphic order: Beekmantown dolomite, Rose Run sandstone, and the Upper Copper Ridge dolomite (Trempealeau).

The majority of the production in Pennsylvania and West Virginia is from Devonian and Mississippian aged formations. In Pennsylvania and West Virginia wells, multiple zones are typically hydraulically fractured and the production is commingled. For the wells included in this CPR, the primary productive formations in Pennsylvania wells include, but are not limited to, the Balltown, Bayard, Bradford, Elk, Fifth, Sheffield, Speechley, Tiona, and Warren, as referenced in *Figure 7*. In West Virginia, the major productive formations include the Alexander, Balltown, Benson, Big Injun, Big Lime, Elk, Fifth, Gordon, Riley, and Warren, as referenced in *Figure 8*. In general, sand thickness for these reservoirs ranges from 5 to 25 feet for any individual zone with cumulative net sand thickness ranging from 40 to 100 feet. A stratigraphic column summary is shown in *Figures 7* and 8 for Pennsylvania and West Virginia that depicts the relative positioning of the various productive zones.

PENNSYLVANIA
STRATIGRAPHIC COLUMN

White Strain Columns

White Str



The Appalachian Basin has had a long history of oil and gas production and much of it has not been systematically recorded because of inadequate record-keeping in the early days. However, the U.S. Geological Survey (USGS) has estimated that the basin has produced over 3.5 billion barrels of oil and 44 trillion cubic feet of gas. This estimate was calculated for the vertical conventional production and was derived before any horizontal development started.

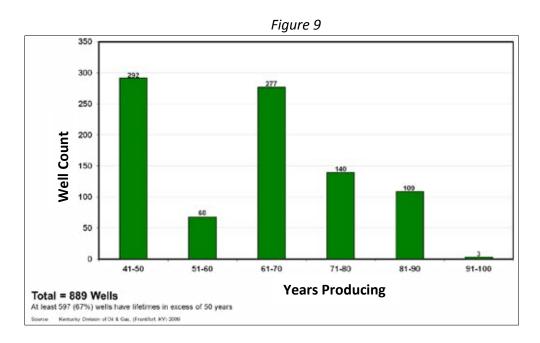
Since 2009, the primary target of the Appalachian Basin has been the horizontal drilling of the Marcellus and the Utica shale formations. These horizontal wells have very long laterals and allow more contact with the reservoirs. Very large hydraulic fracture treatments are needed in order to make these commercial. However, this concentration on the Marcellus and Utica shales does not preclude that conventional vertical wells are not profitable.

Almost all of the properties owned and/or operated by DGO are vertical wells producing from at least one of the formations previously described. Numerous wells are completed in multiple formations and production is commingled in the wellbore. Most of these properties may have additional productive formations up-hole from the existing producing formations, which may allow for future completion opportunities. Drilling and recompletion opportunities are considered relatively low-risk due to the widespread geology and the extensive mapping of the formations. During the last ten years, DGO has drilled over 150 wells with no dry holes.

All of the Mississippian, Devonian, and Silurian Age sands share similar geological and reservoir characteristics. All are considered "tight" sands with low permeability, which will require fracture treatments in order to obtain commercial production rates. The deposition of these sands yields a low-risk, high predictability of completion success.

Another similar characteristic for these formations is the production profile. Most of these formations produce gas and/or oil on a hyperbolic curve with an initial rapid decline followed by

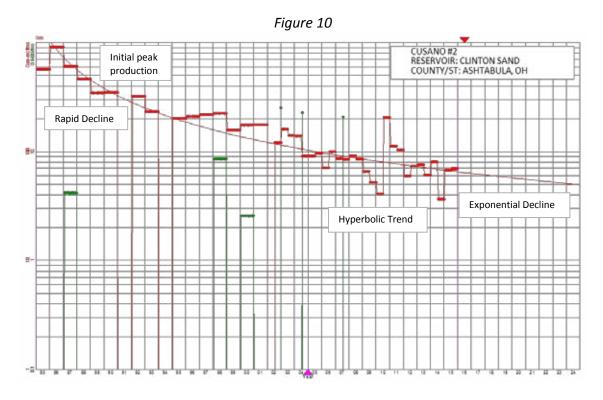
gradual decline of production for a very long time. A majority of the wells should have production life of at least 50 years, with some lasting in excess of 80 years. These wells produce very little, if any, water. As an example, Wright has performed an extensive study of the Big Sandy formation located throughout Kentucky in the Appalachian Basin. This study reviewed 889 wells completed in the Big Sandy in which the original completion date was known. As referenced in *Figure 9*, the data showed that approximately 67 percent of these wells have a well life in excess of 50 years with three wells having over 90 years of well life.

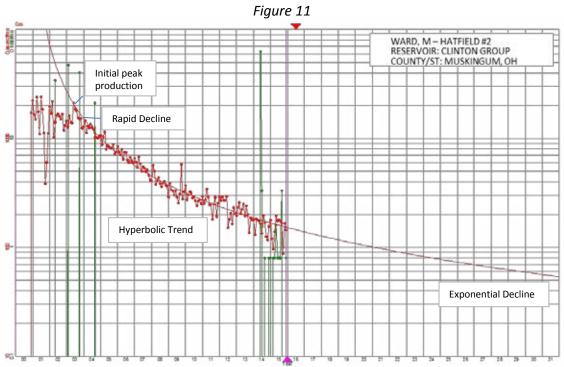


Wright considers that the scope of the CPR is appropriate and was prepared to a standard expected in accordance with the *Note on Mining and Oil & Gas Companies* issued by the LSE. It is Wright's opinion that the methodologies employed, the adequacy and quality of the data relied upon, the depth and thoroughness of the reserves estimation process, the classification of reserves based on the relevant definitions used, and the reasonableness of the estimated reserves quantities are appropriate for the purpose served by the report and are in accordance with the guidelines set forth by the SEC.

Based on Wright's knowledge and experience in evaluating thousands of wells in the Appalachian Basin, the primary factors that determine the amount of production and the life of the well are the initial rate, initial decline, the shape of the curve ("b" factor), and the final decline rate. The initial rate and initial decline for each well is determined by its reservoir quality, pressure, and the completion technique. The initial decline can be very rapid due to the production drainage from the fracture system. These values can vary greatly from well to well. The "b" factor may vary from well to well but generally ranges between 0.5 and 1.3. The final decline rates for these reservoirs are very low, indicating a steady drainage of the formation matrix. These rates are normally in the three to five percent range, and have been determined from actual performance.

There are many examples of wells in this report that have produced over 30 years, since the mid-1980's, with another potential 40 years or more of productive life remaining. *Figures 10 and 11* are two examples that demonstrate the longevity of these wells. These production profiles create long life wells with very predictable future production rates.





## **RESERVES AND VALUE BY STATE**

The properties evaluated in this CPR include certain oil and gas properties located in Ohio, Pennsylvania, and West Virginia. The following table illustrates the Total Proved reserves, respective 10.0 percent cumulative discounted (Cum. Disc.) (BTAX) values, and the relative percent of the total 10.0 Cum. Disc. (BTAX) value for each state.

| State         | Net Oil,<br>Mbbl | Net Gas,<br>MMcf | Net NGL,<br>Mbbl | 10.0 %<br>Cum. Disc.<br>(BTAX) Value,<br>M\$ | Percent of<br>Total Proved<br>10.0 % Cum. Disc.<br>(BTAX) Value, % |
|---------------|------------------|------------------|------------------|--|--|
| Ohio          | 1,687.247        | 30,754.956       | 0.000            | 26,371.684                                   | 21.09  |
| Pennsylvania  | 138.286          | 100,065.328      | 0.000            | 79,001.888                                   | 63.19  |
| West Virginia | 446.092          | 22,874.892       | 20.305           | 19,649.300                                   | 15.72  |
| TOTAL*        | 2,271.625        | 153,695.200      | 20.305           | 125,022.864                                  | 100.00   |

<sup>\*</sup>It should be noted that some minor differences between the total summaries may exist due to rounding techniques in the ARIES<sup>TM</sup> software program.

The Ohio properties consist of approximately 2,250 PDP, 469 PDNP, and 182 PUD wells and locations with 10.0 percent Cum. Disc. (BTAX) values of 27,896.766 M\$, 0.000 M\$, and -1,525.080 M\$, respectively. Production from these legacy properties is mostly from vertical wells producing from widespread, well-mapped formations such as the Clinton/Medina and Upper Devonian series. Most wells produce little or no water and have very long, stable production histories that, in the opinion of Wright, can be reliably extrapolated into the future.

The Pennsylvania properties include 3,589 PDP and 37 PDNP wells located in Pennsylvania, which collectively have a Total Proved 10.0 percent Cum. Disc. (BTAX) of 79,001.888 M\$ or 63.19 percent of the Company Total Proved value of 125,022.864 M\$. These wells are located in various counties in western Pennsylvania. Production is primarily from the Lower Silurian Medina Group sandstones.

In West Virginia there are 756 PDP, 192 PDNP and PDNP-TA, 15 PDBP, and 20 PUD wells and locations in West Virginia, which have a Total Proved 10.0 percent Cum. Disc. (BTAX) values of 18,145.182 M\$, 0.000 M\$, 974.790 M\$, and 529.327 M\$, respectively, or 15.72 percent of the Company Total Proved value of 125,022.864 M\$. These wells are located in various counties in West Virginia. Production is primarily from the Pennsylvanian, Mississippian, and Devonian Age formation.

# PROPERTY ABANDONMENT AND SALVAGE

It should be noted that no abandonment costs were included in this evaluation in accordance with the instructions of DGO. According to DGO, the cost and liability for any Asset Retirement Obligations are determined by DGO and are subject to audit by an independent registered public accounting firm. DGO has estimated that abandonment costs can range between \$8,500 and \$15,000 per well after salvage value. Wright offers no opinion regarding DGO's calculations for the abandonment costs and salvage values liabilities.

## **ENVIRONMENTAL CONSIDERATIONS**

Wright is not aware of any potential environmental liabilities that may exist concerning the properties evaluated. There are no costs included in this evaluation for potential property restoration, liability, or clean up of damages, if any, that may be necessary due to past or future operating practices.

# **DIRECTOR'S PRIOR INTEREST IN ASSETS**

DGO entered into a contribution agreement ("Contribution Agreement") and a separate assignment agreement ("Assignment Agreement") with Robert M. Post and Robert R. Hutson, Jr., each effective as of 1 November 2016. Under the terms of the Contribution Agreement, Mr Hutson and Mr Post agreed to contribute their interests in Diversified Oil & Gas, LLC and Diversified Appalachian Group, LLC to the capital of DGO. In accordance with the subsequent Assignment Agreement, Mr Hutson and Mr Post have assigned their interest (which collectively amounts to 100% ownership) in Diversified Oil & Gas, LLC and Diversified Appalachian Group, LLC to DGO.

Also pursuant to the Contribution Agreement, DGO entered into a separate assignment agreement by and between DGO and Diversified Gas & Oil Corporation, effective as of 1 November 2016, under the terms of which DGO assigned its interest in Diversified Oil & Gas, LLC and Diversified Appalachian Group, LLC to Diversified Gas & Oil Corporation immediately after the Assignment Agreement became effective.

Further details of these agreements are set out in paragraphs 12.23 to 12.25 of Part VIII of the admission document.

# **CONCLUSIONS**

Based on data and information provided by DGO, and the specified economic parameters, operating conditions, and government regulations considered applicable at the effective date, it is Wright's conclusion that this CPR provides a fair and accurate representation of the oil and gas reserves to the interests of DGO in those certain properties included in this CPR.

Wright considers that the scope of the CPR is appropriate and was prepared to a standard expected in accordance with the *Note on Mining and Oil & Gas Companies* issued by the LSE. It is Wright's opinion that the methodologies employed, the adequacy and quality of the data relied upon, the depth and thoroughness of the reserves estimation process, the classification of reserves based on the relevant definitions used, and the reasonableness of the estimated reserves quantities are appropriate for the purpose served by the CPR and are in accordance with the guidelines set forth by the AIM rules.

# **PROFESSIONAL QUALIFICATIONS**

The professional qualifications, shown in **Exhibit H**, of the petroleum consultants responsible for the evaluation of the reserves and economics information presented in this CPR meet the standards of Reserves Estimator as defined in the *Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information* as promulgated by the SPE, and the CPR has been prepared in accordance with these standards. The professional qualifications also meet the Competent Person (CP) requirements published by AIM in the *Note For Mining And Oil & Gas Companies – June 2009.* **Exhibit I** contains certain confirmations of Wright pertaining to the CPR in accordance with the AIM rules.

Wright & Company, Inc.

By

D. Randall Wright, P.E. TX Reg. No. F-12302

Candall Wright.

# Appendix 1

# **SUMMARY TABLE OF ASSETS**

#### Oil & Gas

| Asset                                   | Operator    | Interest %      | Status      | Expiration<br>Date              | Total Lease<br>Area (acres) | Comments  |
|---|-------------|-----------------|-------------|---------------------------------|-----------------------------|---|
| Ohio,<br>Pennsylvania,<br>West Virginia | Various     | 95<br>(average) | Production  | None –<br>Held by<br>Production | 1,033,500                   | Current gross<br>operated<br>production at<br>23,500 mcfd<br>and 475 bod          |
| Ohio                                    | Diversified | 100             | Development | None –<br>Held by<br>Production | 164,000                     | Development<br>drilling<br>program of<br>202 wells<br>during 2017<br>through 2022 |

The Company currently has an interest in approximately 7,500 wells in the states of Ohio, Pennsylvania, and West Virginia and is listed as the operator in the majority of these wells.

The Company currently has leasehold of over 164,000 acres in Ohio, 863,000 acres in Pennsylvania, and 6,500 acres in West Virginia. None of this leasehold has any expiration dates because it is all held by the production of the existing wells.

The Company has a development plan for the addition of 202 vertical wells currently listed as Proved Undeveloped (PUD) starting in 2017 through 2022. These wells are located in areas of established production and are relatively low-risk with high chances of success. These wells will be targeting several formations such as the Berea, Clinton, Newburg, Ohio, Oriskany, and others as needed. Some of these wells may be completed in multiple formations and commingled in the wellbore.

With all of the recent acquisitions made by the Company, there is a high probability of other potential areas for development that have not been fully explored at this time.

# Exhibit A DIVERSIFIED GAS & OIL PLC Summary of Results – Oil and Gas Reserves

| (all figures in bbls and mcf)                                      | Gross       |                      |                                   | Net attributable |                      |                                   | Operator                        |
|--|-------------|----------------------|-----------------------------------|------------------|----------------------|-----------------------------------|---------------------------------|
|  | Proved      | Proved &<br>Probable | Proved,<br>Probable &<br>Possible | Proved           | Proved &<br>Probable | Proved,<br>Probable &<br>Possible | Diversified<br>Gas & Oil<br>PLC |
| Oil & Natural Gas Liquids reserves per asset From production to    |             |                      |                                   |                  |                      |                                   | Diversified<br>Gas & Oil<br>PLC |
| planned for development  | 5,425,022   | 5,425,022            | 5,425,022                         | 2,291,930        | 2,291,930            | 2,291,930                         |                                 |
| Total for Oil & Natural<br>Gas Liquids                             | 5,425,022   | 5,425,022            | 5,425,022                         | 2,291,930        | 2,291,930            | 2,291,930                         | Diversified<br>Gas & Oil<br>PLC |
| Gas reserves per asset  From production to planned for development | 309,057,856 | 309,057,856          | 309,057,856                       | 153,695,184      | 153,695,184          | 153,695,184                       | Diversified<br>Gas & Oil<br>PLC |
| Total for Gas  | 309,057,856 | 309,057,856          | 309,057,856                       | 153,695,184      | 153,695,184          | 153,695,184                       | Diversified<br>Gas & Oil<br>PLC |

Source: D. Randall Wright, P.E.

**Note:** "Operator" is name of the company that operates the asset "Gross" are 100% of the reserves and/or resources attributable to the license whilst "Net attributable" are those attributable to the AIM company

bbls – Barrels

mcf – Thousand Standard Cubic Feet

# <u>Exhibit B</u> SPE Petroleum Reserves Definitions

Reserves derived under these definitions rely on the integrity, skill, and judgment of the evaluator and are affected by the geological complexity, stage of development, degree of depletion of the reservoirs, and amount of available data. Use of these definitions should sharpen the distinction between the various classifications and provide more consistent reserves reporting.

#### **Definitions**

Reserves are those quantities of petroleum which are anticipated to be commercially recovered from known accumulations from a given date forward. All reserve estimates involve some degree of uncertainty. The uncertainty depends chiefly on the amount of reliable geologic and engineering data available at the time of the estimate and the interpretation of these data. The relative degree of uncertainty may be conveyed by placing reserves into one of two principal classifications, either proved or unproved. Unproved reserves are less certain to be recovered than proved reserves and may be further sub-classified as probable and possible reserves to denote progressively increasing uncertainty in their recoverability.

The intent of the Society of Petroleum Engineers (SPE) and World Petroleum Council (WPC, formerly World Petroleum Congresses) in approving additional classifications beyond proved reserves is to facilitate consistency among professionals using such terms. In presenting these definitions, neither organization is recommending public disclosure of reserves classified as unproved. Public disclosure of the quantities classified as unproved reserves is left to the discretion of the countries or companies involved.

Estimation of reserves is done under conditions of uncertainty. The method of estimation is called deterministic if a single best estimate of reserves is made based on known geological, engineering, and economic data. The method of estimation is called probabilistic when the known geological, engineering, and economic data are used to generate a range of estimates and their associated probabilities.

Identifying reserves as proved, probable, and possible has been the most frequent classification method and gives an indication of the probability of recovery. Because of potential differences in uncertainty, caution should be exercised when aggregating reserves of different classifications.

Reserves estimates will generally be revised as additional geologic or engineering data becomes available or as economic conditions change. Reserves do not include quantities of petroleum being held in inventory, and may be reduced for usage or processing losses if required for financial reporting.

Reserves may be attributed to either natural energy or improved recovery methods. Improved recovery methods include all methods for supplementing natural energy or altering natural forces in the reservoir to increase ultimate recovery. Examples of such methods are pressure maintenance, cycling, water flooding, thermal methods, chemical flooding, and the use of miscible and immiscible displacement fluids. Other improved recovery methods may be developed in the future as petroleum technology continues to evolve.

#### **Proved Reserves**

Proved reserves are those quantities of petroleum which, by analysis of geological and engineering data, can be estimated with reasonable certainty to be commercially recoverable, from a given date forward, from known reservoirs and under current economic conditions, operating methods, and government regulations. Proved reserves can be categorized as developed or undeveloped.

If deterministic methods are used, the term reasonable certainty is intended to express a high degree of confidence that the quantities will be recovered. If probabilistic methods are used, there should be at least a 90% probability that the quantities actually recovered will equal or exceed the estimate.

Establishment of current economic conditions should include relevant historical petroleum prices and associated costs and may involve an averaging period that is consistent with the purpose of the reserve estimate, appropriate contract obligations, corporate procedures, and government regulations involved in reporting these reserves.

In general, reserves are considered proved if the commercial producibility of the reservoir is supported by actual production or formation tests. In this context, the term proved refers to the actual quantities of petroleum reserves and not just the productivity of the well or reservoir. In certain cases, proved reserves may be assigned on the basis of well logs and/or core analysis that indicate the subject reservoir is hydrocarbon bearing and is analogous to reservoirs in the same area that are producing or have demonstrated the ability to produce on formation tests.

The area of the reservoir considered as proved includes (1) the area delineated by drilling and defined by fluid contacts, if any, and (2) the undrilled portions of the reservoir that can reasonably be judged as commercially productive on the basis of available geological and engineering data. In the absence of data on fluid contacts, the lowest known occurrence of hydrocarbons controls the proved limit unless otherwise indicated by definitive geological, engineering or performance data.

Reserves may be classified as proved if facilities to process and transport those reserves to market are operational at the time of the estimate or there is a reasonable expectation that such facilities will be installed. Reserves in undeveloped locations may be classified as proved undeveloped provided (1) the locations are direct offsets to wells that have indicated commercial production in the objective formation, (2) it is reasonably certain such locations are within the known proved productive limits of the objective formation, (3) the locations conform to existing well spacing regulations where applicable, and (4) it is reasonably certain the locations will be developed. Reserves from other locations are categorized as proved undeveloped only where interpretations of geological and engineering data from wells indicate with reasonable certainty that the objective formation is laterally continuous and contains commercially recoverable petroleum at locations beyond direct offsets.

Reserves which are to be produced through the application of established improved recovery methods are included in the proved classification when (1) successful testing by a pilot project or favorable response of an installed program in the same or an analogous reservoir with similar rock and fluid properties provides support for the analysis on which the project was based, and, (2) it is reasonably certain that the project will proceed. Reserves to be recovered by improved recovery methods that have yet to be established through commercially successful applications are included in the proved classification only (1) after a favorable production response from the subject reservoir from

either (a) a representative pilot or (b) an installed program where the response provides support for the analysis on which the project is based and (2) it is reasonably certain the project will proceed.

#### **Unproved Reserves**

Unproved reserves are based on geologic and/or engineering data similar to that used in estimates of proved reserves; but technical, contractual, economic, or regulatory uncertainties preclude such reserves being classified as proved. Unproved reserves may be further classified as probable reserves and possible reserves.

Unproved reserves may be estimated assuming future economic conditions different from those prevailing at the time of the estimate. The effect of possible future improvements in economic conditions and technological developments can be expressed by allocating appropriate quantities of reserves to the probable and possible classifications.

#### **Probable Reserves**

Probable reserves are those unproved reserves which analysis of geological and engineering data suggests are more likely than not to be recoverable. In this context, when probabilistic methods are used, there should be at least a 50% probability that the quantities actually recovered will equal or exceed the sum of estimated proved plus probable reserves.

In general, probable reserves may include (1) reserves anticipated to be proved by normal stepout drilling where sub-surface control is inadequate to classify these reserves as proved, (2) reserves in
formations that appear to be productive based on well log characteristics but lack core data or definitive
tests and which are not analogous to producing or proved reservoirs in the area, (3) incremental
reserves attributable to infill drilling that could have been classified as proved if closer statutory spacing
had been approved at the time of the estimate, (4) reserves attributable to improved recovery methods
that have been established by repeated commercially successful applications when (a) a project or pilot
is planned but not in operation and (b) rock, fluid, and reservoir characteristics appear favorable for
commercial application, (5) reserves in an area of the formation that appears to be separated from the
proved area by faulting and the geologic interpretation indicates the subject area is structurally higher
than the proved area, (6) reserves attributable to a future workover, treatment, re-treatment, change
of equipment, or other mechanical procedures, where such procedure has not been proved successful
in wells which exhibit similar behavior in analogous reservoirs, and (7) incremental reserves in proved
reservoirs where an alternative interpretation of performance or volumetric data indicates more
reserves than can be classified as proved.

#### **Possible Reserves**

Possible reserves are those unproved reserves which analysis of geological and engineering data suggests are less likely to be recoverable than probable reserves. In this context, when probabilistic methods are used, there should be at least a 10% probability that the quantities actually recovered will equal or exceed the sum of estimated proved plus probable plus possible reserves.

In general, possible reserves may include (1) reserves which, based on geological interpretations, could possibly exist beyond areas classified as probable, (2) reserves in formations that appear to be petroleum bearing based on log and core analysis but may not be productive at commercial rates, (3) incremental reserves attributed to infill drilling that are subject to technical

uncertainty, (4) reserves attributed to improved recovery methods when (a) a project or pilot is planned but not in operation and (b) rock, fluid, and reservoir characteristics are such that a reasonable doubt exists that the project will be commercial, and (5) reserves in an area of the formation that appears to be separated from the proved area by faulting and geological interpretation indicates the subject area is structurally lower than the proved area.

## **Reserve Status Categories**

Reserve status categories define the development and producing status of wells and reservoirs.

**Developed:** Developed reserves are expected to be recovered from existing wells including reserves behind pipe. Improved recovery reserves are considered developed only after the necessary equipment has been installed, or when the costs to do so are relatively minor. Developed reserves may be subcategorized as producing or non-producing.

**Producing:** Reserves subcategorized as producing are expected to be recovered from completion intervals which are open and producing at the time of the estimate. Improved recovery reserves are considered producing only after the improved recovery project is in operation.

**Non-producing:** Reserves subcategorized as non-producing include shut-in and behind-pipe reserves. Shut-in reserves are expected to be recovered from (1) completion intervals which are open at the time of the estimate but which have not started producing, (2) wells which were shut-in for market conditions or pipeline connections, or (3) wells not capable of production for mechanical reasons. Behind-pipe reserves are expected to be recovered from zones in existing wells, which will require additional completion work or future recompletion prior to the start of production.

**Undeveloped Reserves:** Undeveloped reserves are expected to be recovered: (1) from new wells on undrilled acreage, (2) from deepening existing wells to a different reservoir, or (3) where a relatively large expenditure is required to (a) recomplete an existing well or (b) install production or transportation facilities for primary or improved recovery projects.

Approved by the Board of Directors, Society of Petroleum Engineers (SPE) Inc., and the Executive Board, World Petroleum Council (WPC), March 1997

# Exhibit C DIVERSIFIED GAS & OIL PLC Glossary of Terms

The terms defined below may be used throughout this CPR.

Bbl. One barrel of crude oil, condensate, or other liquids equal to 42 U.S. gallons.

Bcf. Billion cubic feet.

Bcfe. Billion cubic feet of natural gas equivalent.

*Btu.* British thermal unit, which is the heat required to raise the temperature of a one-pound mass of water from 58.5 degrees Fahrenheit to 59.5 degrees Fahrenheit under specific conditions.

Development Well. A well drilled within the proved area of an oil or gas reservoir to the depth of a stratigraphic horizon known to be productive in an attempt to recover proved undeveloped reserves.

*Dry hole.* A well found to be incapable of producing either oil or natural gas in a sufficient quantities to justify completion as an oil or gas well.

*Gross acres or gross wells.* The total acres or wells, as the case may be, in which a working interest is owned.

Lease operating expense. Costs incurred to operate and maintain wells and related equipment and facilities, including applicable operating costs of support equipment and facilities and other costs of operating and maintaining those wells and related equipment and facilities.

Mbbl. One thousand barrels.

Mcf. One thousand cubic feet.

Mcfd. One thousand cubic feet per day.

Mcfe. One thousand cubic feet of natural gas equivalent.

Mcfed. One thousand cubic feet of natural gas equivalent per day.

MMbbl. One million barrels.

MMBtu. One million Btus.

MMcf. One million cubic feet.

MMcfd. One million cubic feet per day.

MMcfe. One million cubic feet of natural gas equivalent.

Natural gas equivalent. Cubic feet of natural gas equivalent, determined using the ratio of one Bbl of crude oil, condensate or natural gas liquids to six Mcf of natural gas.

*Net acres or net wells.* The sum of the fractional working interests owned in gross acres or gross wells.

Net oil and gas sales. Oil and natural gas sales less oil and natural gas production.

Oil Equivalent. Barrels of oil equivalent, determined using the ratio of one Mcf of natural gas to one-sixth Bbl of oil.

Overriding royalty interest. A royalty interest that is carved out of a lessee's working interest under an oil and gas lease.

Present Value. The pre-tax present value, discounted at 10% per annum, of future net cash flows from estimated proved reserves (including the estimated cost of abandonment and future development), calculated holding prices and costs constant at amounts in effect on the date of the estimate (unless such prices or costs are subject to change pursuant to contractual provisions) and in all instances in accordance with the Commission's rules for inclusion of oil and gas revere information in financial statements filed with the Commission. The difference between the Present Value and the standardized measure of discounted future net cash flows is the present value of income taxes applicable to such future net cash flows.

Productive well. A well that is producing oil and gas or that is capable of production.

Proved developed producing reserves. Proved developed reserves that are expected to be recovered from currently producing zones under the continuation of present operating methods through existing wells with existing equipment and operating methods.

*Proved reserves.* The estimated quantities of crude oil, natural gas, and natural gas liquids with geological and engineering data demonstrate with reasonable certainty to be recoverable in future years from known reservoirs under existing economic and operating conditions.

*Proved undeveloped reserves.* Proved reserves that are expected to be recovered from new wells on undrilled acreage, or from existing wells where a relatively major expenditure is required for recompletion.

*Recompletion.* The completion for production of an existing well bore in another formation from that in which the well has been previously completed.

Reserve life index. Calculated by dividing year-end proved reserves by annual production from the most recent year.

Spud. To start (or restart) the drilling of a new well.

Standardized measure of discounted future net cash flows. The present value, discounted at 10% per annum, of future net cash flows from estimated proved reserves after income taxes, calculated holding prices and costs constant at amounts in effect on the date of the estimate

(unless such prices or costs are subject to change pursuant to contractual provisions) and in all instances in accordance with the Commission's rules for inclusion of oil and gas reserve information in financial statements filed with the Commission.

Term overriding royalty interest. An overriding royalty interest with a fixed duration.

Undeveloped acreage. Lease acreage on which wells have not been participated in or completed to a point that would permit the production of commercial quantities of oil and gas regardless of whether such acreage contains proved reserves.

*Waterflood.* The injection of water into a reservoir to fill pores vacated by produced fluids, thus maintaining reservoir pressure and assisting production.

Working interest. A cost bearing interest which gives the owner the right to drill, produce, and conduct oil and gas operations on the property, as well as a right to a share of production therefrom.

Workover. Operations on a producing well to restore or increase production.

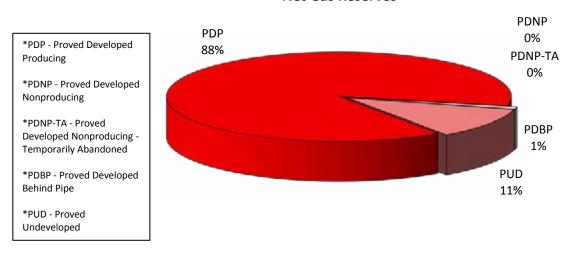
WTI. West Texas Intermediate

## Exhibit D1 DIVERSIFIED GAS & OIL PLC Total Proved by Reserves Category

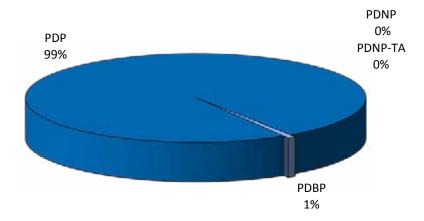
# PDP 0% PDNP-TA 0% PDBP 1%

34%

## **Net Gas Reserves**



## 10.0 Percent Cum. Disc. (BTAX) Value



<sup>\*</sup>Please note that the PUD category has a negative 10.0 Percent Cum. Disc. (BTAX) value.

| RESCAT TOTALS  | ALS                            |                      |                        |                               | -              | TOTAL             | %                               |       |                  |               |                |         |
|----------------|--------------------------------|----------------------|------------------------|-------------------------------|----------------|-------------------|---------------------------------|-------|------------------|---------------|----------------|---------|
|                | PDP                            | PDNP                 | PDNP-TA                | PDBP                          | PUD            |                   | PDP                             | PDNP  | PDNP-TA          | PDBP          | PUD            |         |
| GAS            | 135,402.528<br>PDP             | 0.000<br><b>anca</b> | 0.000<br><b>DNP-TA</b> | 1,315.155<br>PDRP             | 16,977.508     | 153,695.191       | 88.10%<br><b>PDP</b>            | 0.00% | 0.00%<br>PDNP-TA | 0.86%<br>PDRP | 11.05%<br>PIID | 100.00% |
| OIL            | 1,469.893                      | 0.000                | 0.000                  | 17.097                        | 784.635        | 2,271.625         | 64.71%                          | 0.00% | 0.00%            | 0.75%         | 34.54%         | 100.00% |
|                | POP                            | PDNP                 | PDNP-TA                | PDBP                          | PUD            |                   | PDP                             | PDNP  | PDNP-TA          | PDBP          | PUD            |         |
| NGL            | 20.305                         | 0.000                | 0.000                  | 0.000                         | 0.000          | 20.305            | 100.00%                         | %00.0 | 0.00%            | %00:0         | %00.0          | 100.00% |
|                | PDP                            | PDNP                 | PDNP-TA                | PDBP                          | PUD            |                   | PDP                             | PDNP  | PDNP-TA          | PDBP          | PUD            |         |
| OIL & NGL      | 1,490.198                      | 0.000                | 0.000                  | 17.097                        | 784.635        | 2,291.930         | 65.02%                          | %00.0 | %00.0            | 0.75%         | 34.23%         | 100.00% |
|                | ;                              | !                    | !                      |                               | !              |                   | ;                               | !     | ;                | ;             | !              |         |
|                | PDP                            | PDNP                 | PDNP-TA                | PDBP                          | PUD            |                   | PDP                             | PDNP  | PDNP-TA          | PDBP          | PUD            |         |
| PW10           | 125,043.832                    | 0.000                | 0.000                  | 974.790                       | -995.753       | 125,022.869       | 100.02%                         | %00.0 | 0.00%            | 0.78%         | -0.80%         | 100.00% |
| Č              | 9                              |                      |                        | 0                             |                |                   | 9                               |       |                  |               |                |         |
| RGB: 0/128/0   |                                |                      | ă                      | RGB: 180/0/0 HS               | HSL: 0/255/90  | BGB: 28/66/11; HS | RGB: 28/66/11; HSL: 151/153/70  |       |                  |               |                |         |
| RGB: 0/176/0   | RGB: 0/176/0 HSL: 85/255/88    |                      | ď                      | RGB: 220/0/0 HS               | HSL: 0/255/110 | _                 | RGB: 35/83/14 HSL: 151/154/88   |       |                  |               |                |         |
| RGB: 0/224/0   | HSL: 85/255/112                |                      | Œ                      |                               | L: 0/255/130   |                   | RGB: 43/102/1 HSL: 151/153/108  |       |                  |               |                |         |
| RGB: 17/255/1  | RGB: 17/255/1 HSL: 85/255/136  |                      | Œ                      | GB: 255/45/4; HS              | L: 0/255/150   |                   | 4SL: 151/153/128                |       |                  |               |                |         |
| RGB: 65/255/6  | (HSL: 85/255/160               |                      | Œ                      | GB: 255/85/8! HS              | L: 0/255/170   |                   | HSL: 151/153/148                |       |                  |               |                |         |
| RGB: 113/255/  | ' HSL: 85/255/184              |                      | Œ                      | GB: 255/125/ HS               | L: 0/255/190   |                   | 4SL: 151/152/168                |       |                  |               |                |         |
| RGB: 161/255/  | , HSL: 85/255/208              |                      | Œ                      | GB: 255/165/ HS               | :L: 0/255/210  |                   | RGB: 148/184/, HSL: 151/152/188 |       |                  |               |                |         |
| RGB: 209/255/, | 3GB: 209/255/; HSL: 85/255/232 |                      | Œ                      | 3GB: 255/205/; HSL: 0/255/230 | :L: 0/255/230  | RGB: 180205/2 H   | RGB: 180205/2 HSL: 151/152/208  |       |                  |               |                |         |
|                |                                |                      |                        |                               |                | RGB: 212/226/; H  | RGB: 212/226/, HSL: 152/151/228 |       |                  |               |                |         |
|                |                                |                      |                        |                               |                | RGB: 244/247/, H  | HSL: 154/146/248                |       |                  |               |                |         |

OIL & NGL
OH PA WV OH PA WV

1,687.247 138.286 466.397 74% 6% 20% 100% 2,291.930

<u>GAS</u>

ОН PA WV OH PA WV

30,754.956 100,065.328 22,874.892 153,695.176 20% 65% 15% 100%

PV10

ОН PΑ WV ОН PA WV

26,371.684 79,001.888 19,649.300 125,022.872 63% 21% 16% 100%

Net Oil Reserves (Mbbl) By State

PDBP 1%

PDNP <1% PDP Net Gas Reserves (Mmcf) By State

wv 15%

OH 20%

PDNP <1%

10.00 PCT Cum. Disc. (BTAX), M\$ By State

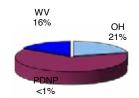
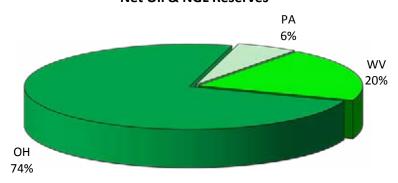


Exhibit D2

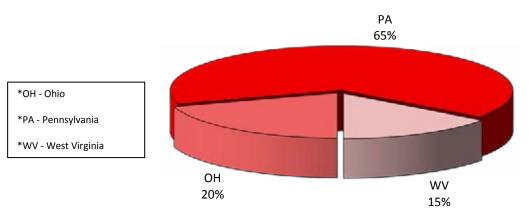
DIVERSIFIED GAS & OIL PLC

Total Proved by State

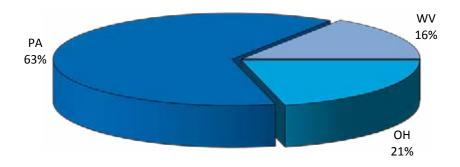
**Net Oil & NGL Reserves** 



**Net Gas Reserves** 



10.0 Percent Cum. Disc. (BTAX) Value

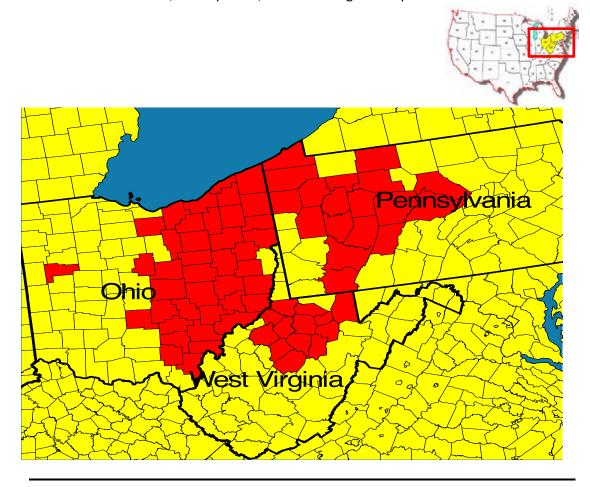


## **Exhibit E**

## Location of Evaluated Interests

## **DIVERSIFIED GAS & OIL PLC**

Ohio, Pennsylvania, and West Virginia Properties



## STATE COUNTIES

Ohio Ashland, Ashtabula, Athens, Auglaize, Belmont,

Carroll, Columbiana, Coshocton, Cuyahoga, Fairfield, Gallia, Geauga, Guernsey, Harrison, Hocking, Holmes, Huron, Jackson, Knox, Lake, Licking, Lorain, Mahoning, Medina, Meigs, Monroe, Morgan, Morrow, Muskingum, Noble, Perry,

Pickaway, Portage, Stark, Summit, Trumbull, Tuscarawas, Vinton, Washington, Wayne

Pennsylvania Armstrong, Butler, Cambria, Centre, Clarion,

Clearfield, Clinton, Crawford, Elk, Erie, Fayette, Forest, Indiana, Jefferson, McKean, Mercer,

Venango, Westmoreland

West Virginia Barbour, Braxton, Doddridge, Gilmer, Harrison,

Lewis, Marion, Preston, Ritchie, Taylor, Tyler,

Upshur, Wetzel

TOTAL PROVED (PDP, PDNP, PDNP-TA, PDBP & PUD) PROPERTIES LOCATED IN OH, PA & WV TO THE INTERESTS OF DIVERSIFIED GAS & OIL PLC

RESERVES AND ECONOMICS

UTILIZING SPECIFIED ECONOMICS EFFECTIVE DATE: 08/2016 JOB 16.1800

DATE : 09/30/2016 TIME : 11:27:24 SETUP : WRI0816 SCENARIO : DRI0816

|                    |                    |             |            |           | IIICIIVI           | DATE: 00/2010              | ,   |                |                | _ DDTCE | ES                 |                        |
|--------------------|--------------------|-------------|------------|-----------|--------------------|----------------------------|-----|----------------|----------------|---------|--------------------|------------------------|
| END                |                    | ROSS PRODII | CTION      |           | NE                 | T PRODUCTION-              |     |                |                |         | NGL                | TOTAL                  |
|                    |                    |             |            |           |                    | T PRODUCTION-<br>GAS, MMCF |     |                |                |         | \$/B               | REVENUE, M\$           |
| 12-2016            | 65.749             | 8506.       | 967 9      | 1.358     | 48.854             | 3298.534                   |     | 0.732          | 40.98          | 2.9     | 950 13.65          | 11882.711              |
| 12-2017            | 150.522            | 18477.      | 310 18     | 8.252     | 111.951            | 7565.272                   |     | 1.505          | 45.22          | 3.1     | 45 15.06           | 29143.294              |
| 12-2018            | 166.392            |             |            |           | 126.923            |                            |     | 1.263          | 48.18          |         |                    |                        |
| 12-2019            | 174.705            |             |            |           | 135.981            | 7390.784                   |     | 1.099          | 49.91          |         |                    |                        |
|                    |                    |             |            |           |                    |                            |     |                |                |         |                    |                        |
| 12-2020<br>12-2021 | 172.997<br>171.434 |             |            |           | 136.122<br>136.179 | 7172.607<br>6988.440       |     | 0.979<br>0.887 | 51.31<br>52.41 |         | 17.10<br>.63 17.47 | 28919.816<br>29367.880 |
|                    |                    |             |            |           |                    |                            |     |                |                |         |                    |                        |
| 12-2022            | 168.254            |             |            |           |                    | 6795.488                   |     |                | 52.93          |         |                    |                        |
| 12-2023            | 152.221            | 12278.      |            | 4.863     | 122.031            | 6347.045                   |     | 0.753          | 52.93          |         |                    | 28836.448              |
| 12-2024            | 133.247            | 11374.      | 446 8      | 8.551     | 106.405            | 5849.970                   |     | 0.702          | 52.93          | 3.6     | 599 17.64          | 27360.312              |
| 12-2025            | 119.755            | 10657.      | 635 8      |           |                    | 5473.284                   |     | 0.659          | 52.93          | 3.8     | 380 17.64          | 26367.780              |
| 12-2026            | 109.127            | 10046.      | 773 7      | 8.519     | 87.026             | 5156.834                   |     | 0.622          | 52.93          | 4.0     | 17.64              | 25559.092              |
| 12-2027            | 100.491            | 9509.       | 939 7      | 4 362     | 80 057             | 4882.848                   |     | 0.589          | 52.93          | 4 2     | 223 17.64          | 24869.812              |
| 12-2028            | 93.110             |             | 706 7      | 0.525     | 74.138             | 4637.896                   |     | 0.558          | 52.93          |         |                    |                        |
|                    |                    |             | 196 1      | 0.323     |                    |                            |     |                |                |         |                    |                        |
| 12-2029            | 86.300             |             |            |           |                    | 4414.043                   |     | 0.530          | 52.93          |         | 579 17.64          |                        |
| 12-2030            | 80.244             | 8153.       | 147 6      | 3.570     | 63.922             | 4203.264                   |     | 0.503          | 52.93          | 4.6     | 579 17.64          | 23059.344              |
| S TOT              | 1944.550           | 181150.     | 432 153    | 3.522 1   | 528.678            | 87724.864                  |     | 12.193         | 51.13          | 3.5     | 558 16.77          | 391848.448             |
| AFTER              | 925.416            | 127907.     | 432 102    | 1.535     | 742.946            | 65970.320                  |     | 8.112          | 52.93          | 4.6     | 17.64              | 348142.240             |
| TOTAL              | 2869.966           | 309057.     | 856 255    | 5.056 2   | 271.625            | 153695.184                 |     | 20.305         | 51.72          | 4.0     | 17.12              | 739990.656             |
|                    |                    |             |            |           |                    |                            |     |                |                |         |                    |                        |
|                    | OPE                | RATIONS, M  | \$         |           | CAPIT              | AL COSTS, M\$-             |     |                | •              |         | CUM.               | 10.0%                  |
| END                | ADVALOREM          | SEVERANCE   | NET OPER   | TANGIBLE  | INTANG.            | TOTAL                      |     | ABANDON 8      | CASH           | FLOW    | CASH FLOW          | CUM. DISC              |
|                    |                    |             |            |           |                    | INVEST.                    |     |                |                |         |                    | BTAX, M\$              |
|                    |                    |             |            |           |                    |                            |     |                |                |         |                    |                        |
| 12-2016            | 103 681            | 133 486     | 4733 851   | 0.000     | 0                  | 000 0.0                    | 100 | 0 000          | 6911           | 1 684   | 6911.684           | 6772.830               |
|                    |                    |             |            |           |                    |                            |     |                |                |         |                    |                        |
| 12-2017            |                    |             |            |           |                    | 282 2529.4                 |     |                |                |         | 21822.694          |                        |
| 12-2018            |                    |             | 10764.865  |           |                    | 412 11299.1                |     |                |                | 2.022   |                    |                        |
| 12-2019            | 353.884            | 380.660     | 10368.722  | 2081.250  | 6243.              | 750 8325.C                 | 00  | 0.000          | 9561           | 1.672   | 37636.388          | 32955.224              |
| 12-2020            | 380.850            | 356.433     | 10071.317  | 2025.000  | 6075.              | 000 8100.0                 | 00  | 0.000          | 10011          | 1.253   | 47647.640          | 39847.976              |
| 12-2021            | 408.963            | 343.671     | 9865.398   | 2081.250  | 6243.              | 750 8325.0                 | 000 | 0.000          | 10424          | 1.866   | 58072.504          | 46371.128              |
| 10 0000            | 401 000            |             | 0.605 514  | 0005 000  | 6075               |                            |     |                |                |         |                    | 50000 404              |
| 12-2022            | 431.228            |             | 9697.514   | 2025.000  | 6075.              | 000 8100.0                 |     |                |                |         | 69376.328          |                        |
| 12-2023            | 397.957            | 317.666     | 9497.041   | 0.000     | 0.                 | 000 0.0                    |     | 0.000          |                |         |                    | 62451.876              |
| 12-2024            | 348.541            | 299.604     | 9242.921   | 0.000     | 0.                 | 0.0                        | 000 | 0.000          | 17469          | 9.236   | 105469.312         | 70676.624              |
| 12-2025            | 317.133            | 286.085     | 9015.994   | 0.000     | 0.                 | 000 0.0                    | 000 | 0.000          | 16748          | 3.551   | 122217.864         | 77844.528              |
| 12-2026            | 294.131            | 274.816     |            | 0.000     |                    | 000 0.0                    |     | 0.000          |                |         | 138404.784         | 84142.248              |
| 10 0007            | 275 226            | 265 252     | 0612 016   | 0.000     | 0                  | 000                        |     | 0 000          | 1.571          |         | 154100 050         | 00700 416              |
| 12-2027            | 275.926            | 265.053     |            | 0.000     | 0.                 | 000 0.0                    |     | 0.000          |                |         | 154120.352         | 89700.416              |
| 12-2028            | 261.033            | 256.479     |            | 0.000     | 0.                 | 000 0.0                    |     | 0.000          |                |         | 169477.936         | 94638.288              |
| 12-2029            | 251.106            | 251.986     |            | 0.000     | 0.                 | 000 0.0                    |     | 0.000          |                |         | 185014.304         | 99178.672              |
| 12-2030            | 235.330            | 238.097     | 8063.478   | 0.000     | 0.                 | 000 0.0                    | 000 | 0.000          | 14522          | 2.415   | 199536.720         | 103036.848             |
| S TOT              | 4609.652           | 4463.847    | 136559.648 | 11578.355 | 35100.             | 192 46678.5                | 52  | 0.000          | 199536         | 5.720   | 199536.720         | 103036.848             |
| AFTER              | 3052.916           | 3253.806    | 154230.000 | 0.000     | 0.                 | 000 0.0                    | 000 | 0.000          | 187605         | 5.616   | 387142.368         | 125022.888             |
| TOTAL              | 7662.568           | 7717.653    | 290789.632 | 11578.355 | 35100.             | 192 46678.5                | 52  | 0.000          | 387142         | 2.336   | 387142.368         | 125022.888             |
|                    |                    | OIL         | GAS        |           |                    |                            |     |                |                | P.W. %  | P.W.,              | M\$                    |
|                    |                    |             |            |           |                    |                            |     |                |                |         |                    |                        |
| GROSS WE           | LLS                | 597         | .0 691     | 3.0       | LIFE, YR           | S.                         |     | 50.00          |                | 0.00    | 387142.4           | 196                    |
| GROSS UL           | T., MB & MMF       |             | 36 699934. | 144       | DISCOUNT           | %                          |     | 10.00          |                | 5.00    | 198666.3           | 352                    |
|                    | M., MB & MMF       |             | 71 390876. |           |                    | NTED PAYOUT,               | YRS |                |                | 10.00   |                    | 136                    |
|                    | S., MB & MMF       |             | 65 309057. |           |                    | ED PAYOUT, YF              |     | 0.00           |                | 15.00   |                    |                        |
|                    |                    |             |            |           |                    |                            |     |                |                |         |                    |                        |
|                    | , MB & MMF         |             | 24 153695. |           |                    | RETURN, PCT.               |     | 100.00         |                | 20.00   |                    |                        |
| NET REVE           |                    |             | 00 620795. |           |                    | ED NET/INVEST              |     | 4.74           |                | 25.00   |                    |                        |
|                    | N.I., PCT.         | 74.2        | 01 41.     | 119       |                    | W.I., PCT.                 |     | 98.826         |                | 30.00   | 47131.4            | 120                    |
| FINAL N.           | I., PCT.           | 77.3        | 95 41.     | 139       | FINAL W.           | I., PCT.                   |     | 42.839         |                | 35.00   | 41060.3            | 884                    |
|                    |                    |             |            |           |                    |                            |     |                |                | 40.00   |                    |                        |
|                    |                    |             |            |           |                    |                            |     |                |                | 50.00   |                    |                        |
|                    |                    |             |            |           |                    |                            |     |                |                | 00.00   | . 50150.           |                        |

TOTAL PROVED DEVELOPED (PDP, PDNP, PDNP-TA, & PDBP) PROPERTIES LOCATED IN OH, PA & WV TO THE INTERESTS OF DIVERSIFIED GAS & OIL PLC

UTILIZING SPECIFIED ECONOMICS

DATE : 09/30/2016 TIME : 11:51:46 SETUP : WRI0816 SCENARIO : DRI0816

JOB 16.1800

RESERVES AND ECONOMICS

EFFECTIVE DATE: 08/2016

|   |  |           |            |          |              |      |                   |         |           |      |         |       | - PRIC | ES   |                    |   |
|---|--|-----------|------------|----------|--------------|------|-------------------|---------|-----------|------|---------|-------|--------|------|--------------------|---|
| END   | OIL, MBBI  | ROSS PROD | UCTIC      | )N       |              |      | N                 | ET PRO  | DUCTION-  |      |         | OIL   | GAS    |      | NGL                | TOTAL   |
| MO-YEAR   | OIL, MBBI  | GAS,      | MMCF       | NGL,     | MBBL         | OIL, | MBBL              | GAS,    | MMCF      | NGL  | , MBBL  | \$/B  | \$/M   |      | \$/B               | REVENUE, M\$  |
|   |  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    |   |
|   | 65.749   |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    | 11882.711   |
| 12-2017   | 149.576  | 18438     | .536       | 188      | .252         | 1    | 11.154            | 75      | 32.688    |      | 1.505   | 45.22 | 3.     | 145  | 15.06              | 29002.942<br>26394.784<br>24380.614<br>23165.384<br>22518.768 |
| 12-2018   | 138.220  | 16423     | .301       | 158      | .344         | 1    | 02.786            | 70      | 58.916    |      | 1.263   | 48.11 | 3.     | 800  | 16.03              | 26394.784   |
| 12-2019   | 126.070  | 14775     | .324       | 138      | .003         |      | 94.030            | 65      | 45.206    |      | 1.099   | 49.89 | 2.     | 982  | 16.63              | 24380.614   |
| 12-2020   | 115.700  | 13501     | .514       | 123      | .083         |      | 86.459            | 61      | 16.964    |      | 0.979   | 51.30 | 3.     | 038  | 17.10              | 23165.384   |
|   |  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    |   |
| 12-2022<br>12-2023<br>12-2024<br>12-2025<br>12-2026 | 98.069   | 11642     | .261       | 102      | .397         |      | 73.824            | 54      | 142.890   |      | 0.813   | 52.93 | 3.     | 328  | 17.64              | 22132.992<br>21839.154<br>21589.580<br>21319.132<br>21004.356 |
| 12-2023   | 90.667   | 10919     | .753       | 94       | .863         |      | 68.473            | 51      | .61.461   |      | 0.753   | 52.93 | 3.     | 510  | 17.64              | 21839.154   |
| 12-2024   | 77 6/0   | 10290     | 500        | 0.0      | 174          |      | 58 885            | 45      | 71 260    |      | 0.702   | 52.93 | 3.     | 880  | 17.64              | 21309.300   |
| 12-2026   | 72.099   | 9239      | .594       | 78       | 1.519        |      | 54.855            | 44      | 153.352   |      | 0.622   | 52.93 | 4.     | 0.54 | 17.64              | 21004.356   |
|   |  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    |   |
| 12-2027   | 67.266   | 8786      | .639       | 7.4      | 525          |      | 01.196<br>47 876  | 42      | 152.580   |      | 0.589   | 52.93 | 4.     | 223  | 17.64              | 20680.240<br>20403.648<br>20555.006<br>19586.086              |
| 12-2020   | 58 487   | 7970      | 402        | 66       | 938          |      | 44 561            | 3.8     | 886 948   |      | 0.530   | 52.93 | 4.     | 679  | 17.64              | 20555 006   |
| 12-2027<br>12-2028<br>12-2029<br>12-2030            | 54.449   | 7591      | .834       | 63       | .570         |      | 41.524            | 37      | 14.327    |      | 0.503   | 52.93 | 4.     | 679  | 17.64              | 19586.086   |
|   |  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    | 326455.392  |
|   |  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    |   |
| AFTER   |  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    | 304517.216  |
| TOTAL   | 1965.760   | 289560    | .160       | 2555     | .056         | 14   | 86.990            | 1367    | 17.664    |      | 20.305  | 51.31 | 4.     | 045  | 17.12              | 630972.608  |
|   | OPE  | RATIONS,  | M\$        |          |              |      | CAPI              | TAL CO  | STS, M\$- |      |         | -     |        | CUM. |                    | 10.0%   |
| END   | ADVALOREM<br>TAXES   | SEVERANCE | NET        | OPER     | TANGIBL      | E    | INTANG            |         | TOTAL     |      | ABANDON | CASH  | FLOW   | CASH | FLOW               | CUM. DISC   |
| MO-YEAR   | TAXES  | TAXES     | EXF        | PENSES   | INVEST.      |      | INVEST            |         | INVEST.   |      | SALVAGE | BTAX, | MŞ     | BTAX | , MŞ               | BTAX, MŞ  |
|   |  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    |   |
|   | 103.681  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    |   |
| 12-2017   | 241.355<br>227.225<br>207.387<br>191.937<br>180.488            | 325.138   | 111        | 18.957   | 48.          | 142  | 433               | .282    | 481.4     | 25   | 0.00    | 1683  | 6.064  | 237  | 47.748             | 22231.488   |
| 12-2018   | 227.225  | 311.464   | 106        | 44.481   | 12.          | 712  | 114               | .412    | 127.1     | .25  | 0.00    | 1508  | 4.479  | 388  | 32.228             | 34824.704   |
| 12-2019   | 207.387  | 282.580   | 100        | 97.810   | 0.           | 000  | 0                 | .000    | 0.0       | 00   | 0.00    | 1379  | 2.869  | 526  | 25.096             | 45288.016   |
| 12-2020   | 191.937  | 262.720   | 96         | 74.261   | 0.           | 000  | 0                 | .000    | 0.0       | 000  | 0.00    | 1303  | 6.499  | 656  | 61.596             | 54275.168   |
|   |  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    |   |
| 12-2022   | 170.928<br>162.474<br>155.091<br>148.301<br>142.072            | 241.455   | 90         | 48.170   | 0.           | 000  | 0                 | .000    | 0.0       | 00   | 0.00    | 1267  | 2.448  | 910  | 79.912             | 69480.008   |
| 12-2023   | 162.474  | 234.298   | 87         | 85.489   | 0.           | 000  | 0                 | .000    | 0.0       | 00   | 0.00    | 1265  | 6.860  | 1037 | 36.768             | 76033.280   |
| 12-2024   | 155.091  | 228.212   | 85         | 31.369   | 0.           | 000  | 0                 | .000    | 0.0       | 000  | 0.00    | 1267  | 4.903  | 1164 | 11.672             | 81998.928   |
| 12-2025   | 148.301  | 222.393   | 83         | 304.442  | 0.           | 000  | 0                 | .000    | 0.0       | 000  | 0.00    | 1264  | 3.986  | 1290 | 55.656             | 87409.152   |
|   |  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    |   |
|   | 136.227  | 211.309   | 79         | 01.664   | 0.           | 000  | 0                 | .000    | 0.0       | 000  | 0.00    | 1243  | 0.998  | 1540 | 40.544             | 96688.944<br>100656.672<br>104360.848<br>107527.768           |
|   | 130.817<br>126.403   | 206.228   | 77         | 25.602   | 0.           | 000  | 0                 | .000    | 0.0       | 000  | 0.00    | 1234  | 1.004  | 1663 | 81.552             | 100656.672  |
|   | 119.758  | 193 372   | 73         | 851 926  | 0.           | 000  | 0                 | 000     | 0.0       | 100  | 0.00    | 1197  | 1 000  | 190  | 78 240             | 104360.646  |
|   |  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    |   |
|   | 2444.142   |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    |   |
| AFTER   | 1608.647   | 2657.128  | 1379       | 009.232  | 0.           | 000  | 0                 | .000    | 0.0       | 000  | 0.00    | 16234 | 2.176  | 3533 | 20.416             | 126018.664  |
| TOTAL   | 4052.789   | 6180.982  | 2668       | 09.824   | 60.          | 855  | 547               | .695    | 608.5     | 50   | 0.00    | 35332 | 0.416  | 3533 | 20.416             | 126018.664  |
|   |  | OIL       |            | GAS      |              |      |                   |         |           |      |         |       | P.W.   | %    | P.W.,              | МŞ  |
| CBUGG ME  | LLS T., MB & MMF M., MB & MMF S., MB & MMF NUE, M\$ N.I., PCT. | 5.0       | 7 0        | 6711     | 0            |      | T.TEE V           | 'RS     |           |      | 50 00   |       | 0 0    | U 3  | 53320 5            | 44  |
| GROSS UL  | T., MB & MMF   | 8782.     | 531        | 680436.4 | 16           |      | DISCOUN           | IT %    |           |      | 10.00   |       | 5.0    | 0 1  | 89810.3            | 52  |
| GROSS CU  | M., MB & MMF   | 6816.     | 771        | 390876.3 | 20           | 1    | UNDISCO           | UNTED   | PAYOUT,   | YRS. | 0.00    |       | 10.0   | 0 1  | 26018.4            | 88  |
| GROSS RE  | S., MB & MMF   | 1965.     | 760        | 289560.0 | 196          |      | DISCOUN           | TED PA  | YOUT, YF  | RS.  | 0.00    |       | 15.0   | 0    | 94168.6            | 56  |
| NET RES.  | , MB & MMF   | 1486.     | 990        | 136717.6 | 64           | 1    | RATE-OF           | -RETUR  | RN, PCT.  |      | 100.00  |       | 20.0   | 0    | 75559.4            | 88  |
| NET REVE  | NUE, MŞ  | 76299.    | /44        | 552964.9 | 192          |      | DISCOUN           | TED NE  | T/INVEST  |      | 233.82  |       | 25.0   | U    | 63493.7            | 28  |
| TNTLITAT  | N.I., PCT.   | /4.       | 20E<br>∠UI | 41.1     | . 1 9<br>1 1 |      | ETNITIAL  INITIAL | . W.l., | PUT.      |      | 12 001  |       | 30.0   | 0    | 220/8.8<br>48887 3 | 20<br>48  |
| TIMAL N.  | 1., 101.   | 11.       | درد        | 41.1     |              |      | TTMMT M           | ,       | · · ·     |      | 14.004  |       | 40.0   | 0    | 44142.3            | 56  |
|   |  |           |            |          |              |      |                   |         |           |      |         |       | 50.0   | 0    | 37340.7            | 04  |
|   |  |           |            |          |              |      |                   |         |           |      |         |       |        |      |                    |   |

PROVED DEVELOPED PRODUCING (PDP)
PROPERTIES LOCATED IN OH, PA & WV
TO THE INTERESTS OF
DIVERSIFIED GAS & OIL PLC

UTILIZING SPECIFIED ECONOMICS

RESERVES AND ECONOMICS

JOB 16.1800

DATE : 09/30/2016 TIME : 11:24:53 SETUP : WRI0816 SCENARIO : DRI0816

EFFECTIVE DATE: 08/2016

|                    |  |                |               |      |         |       |       |         |        |                    |      |         |             | - PRIC      | ES    |                    |   |
|--------------------|--|----------------|---------------|------|---------|-------|-------|---------|--------|--------------------|------|---------|-------------|-------------|-------|--------------------|---|
| END<br>MO-YEAR     | OIL, MB  | -GROS:<br>BL G | S PROI<br>AS, | MMCF | NGL,    | MBBL  | OIL,  | MBBL    | GAS    | ODUCTION<br>, MMCF | NGL  | , MBBL  | OIL<br>\$/B | GAS<br>\$/M | :     | NGL<br>\$/B        | TOTAL REVENUE, M\$  |
|                    |  |                |               |      |         |       |       |         |        |                    |      |         |             |             |       |                    | 11882.711   |
| 12-2017            | 147.9  | 04             | 18376         | .364 | 18      | 8.252 | 1     | 10.183  | 7      | 496.506            |      | 1.505   | 45.21       | 3.          | 145   | 15.06              | 28844.278<br>25898.510<br>23983.990<br>22846.628<br>22241.012 |
| 12-2018            | 135.2  | 50             | 16196         | .309 | 15      | 8.344 | 1     | 01.060  | 6      | 920.487            |      | 1.263   | 48.11       | 3.          | 800   | 16.03              | 25898.510   |
| 12-2019            | 123.8  | 72             | 14589         | .986 | 13      | 8.003 |       | 92.753  | 6      | 433.666            |      | 1.099   | 49.89       | 2.          | 981   | 16.63              | 23983.990   |
| 12-2020            | 113.9  | 28             | 13356         | .230 | 12      | 3.083 |       | 85.429  | 6      | 029.456            |      | 0.979   | 51.30       | 3.          | 038   | 17.10              | 22846.628   |
|                    |  |                |               |      |         |       |       |         |        |                    |      |         |             |             |       |                    |   |
| 12-2022            | 96.7   | 62             | 11536         | .283 | 10      | 2.397 |       | 73.065  | 5      | 379.022            |      | 0.813   | 52.93       | 3.          | 328   | 17.64              | 21880.230<br>21603.478<br>21366.172<br>21105.514<br>20798.716 |
| 12-2023            | 89.5   | 04             | 10825         | .261 | 9       | 4.863 |       | 67.797  | 5      | 104.508            |      | 0.753   | 52.93       | 3.          | 510   | 17.64              | 21603.478   |
| 12-2024            | 82.7   | 79             | 10204         | .842 | 8       | 8.551 |       | 62.827  | 4      | 853.166            |      | 0.702   | 52.93       | ٥.          | 699   | 17.64              | 21366.172   |
| 12-2023            | 70.0   | 0 /            | 9030          | 616  | 7       | 0.1/4 |       | 50.327  | 4      | 100 358            |      | 0.639   | 52.93       | ٥.          | 054   | 17.64              | 21103.314   |
|                    |  |                |               |      |         |       |       |         |        |                    |      |         |             |             |       |                    |   |
| 12-2027            | 66.4   | 41             | 8718          | .443 | 7       | 4.362 |       | 50.716  | 4      | 211.466            |      | 0.589   | 52.93       | 4.          | 223   | 17.64              | 20481.214<br>20210.006<br>20361.644<br>19402.684              |
| 12-2028            | 62.0   | 99             | 8301          | .800 | 7       | 0.525 |       | 47.427  | 4      | 026.066            |      | 0.558   | 52.93       | 4.          | 394   | 17.64              | 20210.006   |
| 12-2029<br>12-2030 | 57.7   | 60             | 7909          | .784 | 6       | 6.938 |       | 44.139  | 3      | 850.401            |      | 0.530   | 52.93       | 4.          | 679   | 17.64              | 20361.644   |
|                    |  |                |               |      |         |       |       |         |        |                    |      |         |             |             |       |                    |   |
|                    |  |                |               |      |         |       |       |         |        |                    |      |         |             |             |       |                    | 322906.784  |
| AFTER              | 587.5  | 64             | 120129        | .816 | 102     | 1.535 | 4     | 52.921  | 59     | 402.468            |      | 8.112   | 52.93       | 4.          | 679   | 17.64              | 302060.352  |
| TOTAL              |  |                |               |      |         |       |       |         |        |                    |      |         |             | 4.          | 046   | 17.12              | 624967.168  |
|                    | O  | PERAT          | TONS.         | MS   |         |       |       | CAPT    | TAI. C | OSTS. MS           | s    |         | -           |             | CUM.  |                    | 10.0%   |
| END                | ADVALOREM  | SEV            | ERANCE        | NET  | r OPER  | TANG  | BLE   | TNTANG  | ;.     | TOTAL              | •    | ABANDON | & CASH      | FLOW        | CASH  | FLOW               | CUM. DISC   |
| MO-YEAR            | TAXES  | TAX            | ES            | EXE  | PENSES  | INVES | ST.   | INVEST  |        | INVEST.            |      | SALVAGE | BTAX,       | MS          | BTAX  | , MS               | CUM. DISC<br>BTAX, M\$  |
|                    |  |                |               |      |         |       |       |         |        |                    |      |         |             |             |       |                    |   |
| 12-2016            | 103.681  | 1              | 33.486        | 5 47 | 733.851 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 0 691       | 1.684       | 693   | 11.684             | 6772.830  |
| 12-2017            | 237.617  | 3              | 15.988        | 110  | 068.055 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 0 1722      | 2.616       | 2413  | 34.300             | 22580.404<br>35026.880<br>45303.364<br>54153.028<br>62028.940 |
| 12-2018            | 215.533  | 2              | 82.869        | 104  | 194.270 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 0 1490      | 5.829       | 3904  | 40.128             | 35026.880   |
| 12-2019            | 198.043  | 2              | 59.723        | 99   | 979.292 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 0 1354      | 6.965       | 5258  | 37.092             | 45303.364   |
| 12-2020            | 184.427  | 2              | 44.349        | 95   | 580.644 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 00 1283     | 7.240       | 6542  | 24.332             | 54153.028   |
| 12-2021            | 173.944  | 2              | 34.216        | 92   | 263.529 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 1256        | 9.334       | 7799  | 93.664             | 62028.940   |
| 12-2022            | 164.973  | 2:             | 26.885        | 89   | 979.666 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 0 1250      | 8.716       | 9050  | 12.384             | 69153.896   |
| 12-2023            | 156.921  | 2:             | 20.710        | 87   | 724.427 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 0 1250      | 1.386       | 10300 | 03.768             | 75626.648   |
| 12-2024            | 149.828  | 2              | 15.330        | 84   | 176.032 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 0 1252      | 4.978       | 11552 | 28.744             | 81521.720   |
| 12-2025            | 143.269  | 2              | 10.074        | 82   | 253.670 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 00 1249     | 8.491       | 12802 | 27.232             | 86869.680   |
| 12-2026            | 137.227  | 2              | 04.867        | 80   | 044.687 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 00 1241     | 1.991       | 14043 | 39.216             | 69153.896<br>75626.648<br>81521.720<br>86869.680<br>91698.152 |
| 12-2027            | 131.538  | 1              | 99.829        | 7 8  | 357.762 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 0 1229      | 2.044       | 1527  | 31.264             | 96045.128   |
| 12-2028            | 126.256  | 1              | 95.058        | 76   | 584.364 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 0 1220      | 4.334       | 16493 | 35.600             | 99968.920   |
| 12-2029            | 121.847  | 1              | 93.089        | 75   | 509.716 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 00 1253     | 6.974       | 1774  | 72.576             | 103632.560  |
| 12-2030            | 115.438  | 1              | 82.791        | . 73 | 315.011 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 00 1178     | 9.424       | 1892  | 52.000             | 96045.128<br>99968.920<br>103632.560<br>106764.528            |
| S TOT              | 2360.541   | 33             | 19.264        | 1279 | 964.960 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 0 18926     | 2.000       | 1892  | 62.000             | 106764.528  |
| AFTER              | 1550.763   | 25             | 15.609        | 1374 | 102.176 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 00 16059    | 1.808       | 34985 | 53.824             | 125043.832  |
| TOTAL              | 3911.304   | 58             | 34.873        | 2653 | 367.136 |       | 0.000 | 0       | .000   | 0.                 | .000 | 0.00    | 0 34985     | 3.824       | 34985 | 53.824             | 125043.832  |
|                    |  | (              | OIL           |      | GAS     |       |       |         |        |                    |      |         |             | P.W.        | %     | P.W.,              | M\$   |
| GROSS WE           | LLS T., MB & MM M., MB & MM S., MB & MM NUE, MS N.I., PCT. |                | 5.1           | 0 0  | 608     | 5 0   |       | T.TEE V | 'RS    |                    |      | 50 00   |             | 0 0         | U 3'  | <br>19853 ۵        | 88  |
| GROSS UL           | T., MB & MI  | MF             | 8713.         | 234  | 673434. | 880   |       | DISCOUN | IT %   |                    |      | 10.00   |             | 5.0         | 0 18  | 38115.5            | 20  |
| GROSS CU           | M., MB & MI  | MF             | 6776.         | 910  | 386058. | 400   |       | UNDISCO | UNTED  | PAYOUT,            | YRS. | 0.00    |             | 10.0        | 0 12  | 25043.6            | 96  |
| GROSS RE           | S., MB & MI  | MF             | 1936.         | 324  | 287376. | 480   |       | DISCOUN | ITED P | AYOUT, Y           | rs.  | 0.00    |             | 15.0        | 0 9   | 93554.6            | 64  |
| NET RES.           | , MB & MI  | MF             | 1469.         | 893  | 135402. | 528   |       | RATE-OF | -RETU  | RN, PCT.           |      | 100.00  |             | 20.0        | 0     | 75153.7            | 20  |
| NET REVE           | NUE, M\$   |                | 75415.        | 720  | 547843. | 456   |       | DISCOUN | ITED N | ET/INVES           | ST.  | 0.00    |             | 25.0        | 0 (   | 53220.0            | 68  |
| INITIAL            | N.f., PCT.   |                | /4.           | 201  | 41.     | 119   |       | INITIAL | . W.I. | , PCT.             |      | 98.666  |             | 30.0        | 0 5   | 04894.6            | 60  |
| rINAL N.           | 1., PCT.   |                | 78.           | 000  | 41.     | 091   |       | rinal W | ,      | PCT.               |      | 42./54  |             | 35.U        | 0 4   | 10/66.6<br>14068 ? | ∠∪<br>1.6   |
|                    |  |                |               |      |         |       |       |         |        |                    |      |         |             | 50.0        | 0 .   | 37328.5            | 96  |
|                    |  |                |               |      |         |       |       |         |        |                    |      |         |             | 50.0        | - '   |                    |   |

PROVED DEVELOPED NONPRODUCING (PDNP) PROPERTIES LOCATED IN OH, PA & WV TO THE INTERESTS OF DIVERSIFIED GAS & OIL PLC

DATE : 09/30/2016 TIME : 11:26:22 SETUP : WRI0816 SCENARIO : DRI0816

## RESERVES AND ECONOMICS

UTILIZING SPECIFIED ECONOMICS

JOB 16.1800 EFFECTIVE DATE: 08/2016

|   |   |  |                                |                                      |   |  |         |  |                                     |  |        |  |               | - PRIC   | ES           |  |  |             |
|---|---|--|--------------------------------|--------------------------------------|---|--|---------|--|-------------------------------------|--|--------|--|---------------|--|--------------|--|--|-------------|
|   |   |  |                                |                                      |   |  |         | NET<br>MBBL G  |                                     |  |        |  |               | GAS<br>\$/M  |              | NGL<br>\$/B  | TOTAL<br>REVEN                               | UE, M\$     |
|   |   |  |                                |                                      |   |  |         |  |                                     |  |        |  |               |  |              |  |  |             |
| 12-2016   |   |  |                                |                                      |   |  |         |  |                                     |  |        |  |               |  |              |  |  |             |
| 12-2017<br>12-2018<br>12-2019<br>12-2020<br>12-2021                             |   |  |                                |                                      |   |  |         |  |                                     |  |        |  |               |  |              |  |  |             |
| 12-2022<br>12-2023<br>12-2024<br>12-2025<br>12-2026                             |   |  |                                |                                      |   |  |         |  |                                     |  |        |  |               |  |              |  |  |             |
| 12-2027<br>12-2028<br>12-2029<br>12-2030  |   |  |                                |                                      |   |  |         |  |                                     |  |        |  |               |  |              |  |  |             |
| S TOT   |   | 0.000                                    | (                              | 0.000                                |   | 0.000  |         | 0.000  |                                     | 0.000  |        | 0.000  | 0.00          | 0.0  | 000          | 0.00   |  | 0.000       |
| AFTER   |   | 0.000                                    | (                              | 0.000                                |   | 0.000  |         | 0.000  |                                     | 0.000  |        | 0.000  | 0.00          | 0.0  | 000          | 0.00   |  | 0.000       |
| TOTAL   |   | 0.000                                    | (                              | 0.000                                |   | 0.000  |         | 0.000  |                                     | 0.000  |        | 0.000  | 0.00          | 0.0  | 000          | 0.00   |  | 0.000       |
| END<br>MO-YEAR  | ADVALO<br>TAXES                               | OREM :                                   | RATIONS,<br>SEVERANCE<br>FAXES | E NET<br>EXP                         | OPER<br>ENSES                             | TANGIB<br>INVEST                               | LE<br>• | CAPITAL<br>INTANG.<br>INVEST.  | 1                                   | STS, M\$<br>FOTAL<br>INVEST.                           | P<br>S | BANDON 8   | CASH<br>BTAX, | FLOW<br>M\$  | CASH<br>BTAX | FLOW<br>, M\$  | CUM.<br>BTAX,                                | DISC<br>M\$ |
| 12-2016   |   |  |                                |                                      |   |  |         |  |                                     |  |        |  |               |  |              |  |  |             |
| 12-2017<br>12-2018<br>12-2019<br>12-2020<br>12-2021                             |   |  |                                |                                      |   |  |         |  |                                     |  |        |  |               |  |              |  |  |             |
| 12-2022<br>12-2023<br>12-2024<br>12-2025<br>12-2026                             |   |  |                                |                                      |   |  |         |  |                                     |  |        |  |               |  |              |  |  |             |
| 12-2027<br>12-2028<br>12-2029<br>12-2030  |   |  |                                |                                      |   |  |         |  |                                     |  |        |  |               |  |              |  |  |             |
| S TOT   | 0   | .000                                     | 0.000                          | )                                    | 0.000                                     | 0  | .000    | 0.00   | 0                                   | 0.00   | 0.0    | 0.000  | ) (           | 0.000  |              | 0.000  |  | 0.000       |
| AFTER   | 0   | .000                                     | 0.000                          | )                                    | 0.000                                     | 0  | .000    | 0.00   | 0                                   | 0.00   | 00     | 0.000  | ) (           | 0.000  |              | 0.000  |  | 0.000       |
| TOTAL   | 0   | .000                                     | 0.000                          | )                                    | 0.000                                     | 0  | .000    | 0.00   | 0                                   | 0.00   | 00     | 0.000  | ) (           | 0.000  |              | 0.000  |  | 0.000       |
|   |   |  | OIL                            |                                      | GAS                                       |  |         |  |                                     |  |        |  |               | P.W. 5   | 8            | P.W.,  | M\$  |             |
| GROSS WE<br>GROSS UL<br>GROSS CU<br>GROSS RE<br>NET RES.<br>NET RES.<br>INITIAL | LLS T., MB M., MB S., MB , MB NUE, MS N.I., 1 | & MMF<br>& MMF<br>& MMF<br>& MMF<br>PCT. | 39.<br>39.<br>0.<br>0.<br>0.   | 37.0<br>.558<br>.558<br>.000<br>.000 | 4817.<br>4817.<br>4817.<br>0.<br>0.<br>0. | 52.0<br>530<br>530<br>000<br>000<br>000<br>000 |         | LIFE, YRS. DISCOUNT % UNDISCOUNTED RATE-OF-RE DISCOUNTED INITIAL W. FINAL W.I. | PED F<br>PAY<br>ETURN<br>NET<br>I., | PAYOUT, Y<br>YOUT, YRS<br>N, PCT.<br>T/INVEST:<br>PCT. | YRS.   | 0.00<br>10.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.0 |               | 0.00<br>5.00<br>10.00<br>15.00<br>20.00<br>25.00<br>30.00<br>40.00 |              | 0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0 | 00<br>00<br>00<br>00<br>00<br>00<br>00<br>00 |             |

PROVED DEVELOPED NONPRODUCING - TEMPORARILY ABANDONED (PDNP-TA) PROPERTIES LOCATED IN OH, PA & WV TO THE INTERESTS OF DIVERSIFIED GAS & OIL PLC

RESERVES AND ECONOMICS

DATE : 09/30/2016 TIME : 11:27:23 SETUP : WRI0816 SCENARIO : DRI0816

| UTILIZIN  | G SPECI                           | FIED E                           | CONOMIC | cs  |                | RES                          |           | FECTIVE                          |  | E C O N   | O M    | ICS                  |               |   | JOB :        | 16.1800  |  |         |
|---|-----------------------------------|----------------------------------|---------|---|----------------|------------------------------|-----------|----------------------------------|--|---|--------|----------------------|---------------|---|--------------|--|--|---------|
| END<br>MO-YEAR  |                                   |                                  |         |   |                |                              |           |                                  |  | DUCTION<br>MMCF   |        |                      |               | GAS<br>\$/M   | 1            | NGL<br>\$/B  |  | UE, M\$ |
| 12-2016   |                                   |                                  |         |   |                |                              |           |                                  |  |   |        |                      |               |   |              |  |  |         |
| 12-2017<br>12-2018<br>12-2019<br>12-2020<br>12-2021                                   |                                   |                                  |         |   |                |                              |           |                                  |  |   |        |                      |               |   |              |  |  |         |
| 12-2022<br>12-2023<br>12-2024<br>12-2025<br>12-2026                                   |                                   |                                  |         |   |                |                              |           |                                  |  |   |        |                      |               |   |              |  |  |         |
| 12-2027<br>12-2028<br>12-2029<br>12-2030  |                                   |                                  |         |   |                |                              |           |                                  |  |   |        |                      |               |   |              |  |  |         |
| S TOT   |                                   | 0.000                            |         | 0.000   |                | 0.000                        |           | 0.000                            |  | 0.000   |        | 0.000                | 0.00          | 0.0   | 000          | 0.00   |  | 0.000   |
| AFTER   |                                   | 0.000                            |         | 0.000   |                | 0.000                        |           | 0.000                            |  | 0.000   |        | 0.000                | 0.00          | 0.0   | 000          | 0.00   |  | 0.000   |
| TOTAL   |                                   | 0.000                            |         | 0.000   |                | 0.000                        |           | 0.000                            |  | 0.000   |        | 0.000                | 0.00          | 0.0   | 000          | 0.00   |  | 0.000   |
| MO-YEAR   | ADVALO<br>TAXES                   | REM S                            | EVERANO | CE NET<br>EXP   | OPER<br>ENSES  | TANGII<br>INVES              | BLE<br>F. | INTANG.<br>INVEST.               |  | STS, M\$<br>TOTAL<br>INVEST.                                  | A<br>S | BANDON (<br>ALVAGE   | CASH<br>BTAX, | FLOW<br>M\$   | CASH<br>BTAX | FLOW   | BTAX,  | DISC    |
| 12-2016   |                                   |                                  |         |   |                |                              |           |                                  |  |   |        |                      |               |   |              |  |  |         |
| 12-2017<br>12-2018<br>12-2019<br>12-2020<br>12-2021                                   |                                   |                                  |         |   |                |                              |           |                                  |  |   |        |                      |               |   |              |  |  |         |
| 12-2022<br>12-2023<br>12-2024<br>12-2025<br>12-2026                                   |                                   |                                  |         |   |                |                              |           |                                  |  |   |        |                      |               |   |              |  |  |         |
| 12-2027<br>12-2028<br>12-2029<br>12-2030  |                                   |                                  |         |   |                |                              |           |                                  |  |   |        |                      |               |   |              |  |  |         |
| S TOT   | 0 .                               | .000                             | 0.00    | 00  | 0.000          | (                            | 0.000     | 0.                               | 000  | 0.00  | 0      | 0.00                 | 0 (           | 0.000   |              | 0.000  |  | 0.000   |
| AFTER   | 0 .                               | .000                             | 0.00    | 00  | 0.000          | (                            | 0.000     | 0.                               | 000  | 0.00  | 0      | 0.00                 | ) (           | 0.000   |              | 0.000  |  | 0.000   |
| TOTAL   | 0 .                               | .000                             | 0.00    | 00  | 0.000          | (                            | 0.000     | 0.                               | 000  | 0.00  | 0      | 0.00                 | ) (           | 0.000   |              | 0.000  |  | 0.000   |
|   |                                   |                                  | OIL     |   | GAS            |                              |           |                                  |  |   |        |                      |               |   |              | P.W.,  | M\$  |         |
| GROSS WEI<br>GROSS ULI<br>GROSS CUI<br>GROSS REI<br>NET RES.<br>NET REV.<br>INITIAL I | T., MB M., MB S., MB , MB NUE, MS | & MMF<br>& MMF<br>& MMF<br>& CT. | (       | 0.0<br>0.303<br>0.303<br>0.000<br>0.000<br>0.000<br>0.000 | 0.<br>0.<br>0. | 39.0<br>.380<br>.380<br>.000 |           | DISCOUNT<br>RATE-OF-<br>DISCOUNT | %<br>NTED<br>ED PA<br>RETUR<br>ED NE'<br>W.I., | PAYOUT, Y<br>YOUT, YRS<br>N, PCT.<br>T/INVEST.<br>PCT.<br>CT. | RS.    | 0.00<br>0.00<br>0.00 |               | 0.00<br>5.00<br>10.00<br>15.00<br>20.00<br>25.00<br>30.00<br>40.00<br>50.00 |              | 0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0 | 00<br>00<br>00<br>00<br>00<br>00<br>00<br>00 |         |

PROVED DEVELOPED BEHIND PIPE (PDBP)
PROPERTIES LOCATED IN OH, PA & WV
TO THE INTERESTS OF
DIVERSIFIED GAS & OIL PLC

UTILIZING SPECIFIED ECONOMICS

RESERVES AND ECONOMICS

JOB 16.1800

DATE : 09/30/2016 TIME : 11:26:24 SETUP : WRI0816 SCENARIO : DRI0816

EFFECTIVE DATE: 08/2016

|   |         |        |          |        |         |       |       |          |        |           |      |           |       | - PRIC | ES                |        |   |
|---|---------|--------|----------|--------|---------|-------|-------|----------|--------|-----------|------|-----------|-------|--------|-------------------|--------|---|
| END   |         | GI     | ROSS PRO | DUCTI  | ON      |       |       | NI       | ET PRO | DUCTION-  |      |           | OIL   | GAS    | 1                 | NGL    | TOTAL   |
| MO-YEAR   | OIL,    | MBBL   | GAS,     | MMCE   | F NGL,  | MBBL  | OIL   | , MBBL   | GAS,   | MMCF      | NGL  | , MBBL    | \$/B  | \$/M   |                   | \$/B   | TOTAL<br>REVENUE, M\$                                 |
|   |         |        |          |        |         |       |       |          |        |           |      |           |       |        |                   |        |   |
|   |         |        |          |        |         |       |       |          |        |           |      |           |       |        |                   |        | 0.000   |
| 12-2017   |         | 1.672  | (        | 52.172 | 2       | 0.000 |       | 0.971    |        | 36.181    |      | 0.000     | 46.30 | 3.     | 143               | 0.00   | 158.664   |
| 12-2018   |         | 2.970  | 22       | 26.992 | 2       | 0.000 |       | 1.725    | 1      | 38.429    |      | 0.000     | 48.06 | 2.     | 986               | 0.00   | 496.273   |
| 12-2019   |         | 2.198  | 18       | 35.338 | 3       | 0.000 |       | 1.276    | 1      | 11.541    |      | 0.000     | 49.87 | 2.     | 985               | 0.00   | 396.623   |
| 12-2020   |         | 1.773  | 14       | 45.284 | 1       | 0.000 |       | 1.030    |        | 87.507    |      | 0.000     | 51.29 | 3.     | 039               | 0.00   | 318.756   |
| 12-2021   |         | 1.499  | 12       | 21.775 | 5       | 0.000 |       | 0.871    |        | 73.373    |      | 0.000     | 52.39 | 3.     | 164               | 0.00   | 158.664<br>496.273<br>396.623<br>318.756<br>277.755   |
|   |         |        |          |        |         |       |       |          |        |           |      |           |       |        |                   |        | 252.761<br>235.677<br>223.407<br>213.618<br>205.640   |
| 12-2022   |         | 1 162  | Τ(       | 34 400 | )       | 0.000 |       | 0.733    |        | 56 052    |      | 0.000     | 52.53 | ٥.     | 520<br>510        | 0.00   | 232.701   |
| 12 2023   |         | 1 052  | -        | 05 60/ | 1       | 0.000 |       | 0.670    |        | 51 654    |      | 0.000     | 52.93 | ٥.     | 600               | 0.00   | 233.077   |
| 12_2024   |         | 0 062  | -        | 78 699 | 2       | 0.000 |       | 0.011    |        | 47 440    |      | 0.000     | 52.93 | 3.     | 880               | 0.00   | 213 619   |
| 12 2025   |         | 0.302  | -        | 70.050 | ,       | 0.000 |       | 0.555    |        | 47.440    |      | 0.000     | 52.93 | ٥.     | 054               | 0.00   | 205.010   |
| 12-2026   |         | 0.000  |          | 12.916 | )       | 0.000 |       | 0.316    |        | 43.994    |      | 0.000     | 32.93 | 4.     | 054               | 0.00   | 203.640   |
| 12-2027   |         | 0.826  | 6        | 58.196 | 5       | 0.000 |       | 0.480    |        | 41.113    |      | 0.000     | 52.93 | 4.     | 223               | 0.00   | 199.025   |
| 12-2028   |         | 0.773  | 6        | 54.129 | 9       | 0.000 |       | 0.449    |        | 38.662    |      | 0.000     | 52.93 | 4.     | 394               | 0.00   | 193.641   |
| 12-2029   |         | 0.727  | 6        | 50.619 | 9       | 0.000 |       | 0.422    |        | 36.547    |      | 0.000     | 52.93 | 4.     | 679               | 0.00   | 193.363   |
| 12-2030   |         | 0.687  | Ę        | 57.522 | 2       | 0.000 |       | 0.399    |        | 34.681    |      | 0.000     | 52.93 | 4.     | 679               | 0.00   | 199.025<br>193.641<br>193.363<br>183.402              |
| S TOT   |         | 18.498 | 142      | 29.869 | 9       | 0.000 |       | 10.743   | 8      | 61.942    |      | 0.000     | 50.98 | 3.     | 482               | 0.00   | 3548.606  |
| AFTER   |         | 10.939 | 7.5      | 53.832 | 2       | 0.000 |       | 6.354    | 4      | 53.213    |      | 0.000     | 52.93 | 4.     | 679               | 0.00   | 2456.878  |
| TOTAL   |         |        |          |        | L       |       |       | 17.097   |        |           |      |           |       |        |                   |        | 6005.484  |
| TOTAL   |         | 29.437 | 218      | 33.701 | L       | 0.000 |       | 17.097   | 13     | 15.155    |      | 0.000     | 51./1 |        |                   |        | 6005.484  |
|   |         | OPE    | RATIONS, | м\$    |         |       |       | CAPI     | TAL CO | STS, M\$- |      |           | -     |        | CUM.              |        | 10.0%   |
| END   | ADVAL   | OREM S | SEVERANO | CE NE  | ET OPER | TANGI | BLE   | INTANG   |        | TOTAL     | 2    | ABANDON ( | CASH  | FLOW   | CASH              | FLOW   | CUM. DISC   |
| MO-YEAR   | TAXES   | 5      | TAXES    | EΣ     | KPENSES | INVES | т.    | INVEST   |        | INVEST.   | 5    | SALVAGE   | BTAX, | M\$    | BTAX              | , М\$  | BTAX, M\$   |
|   |         |        |          |        |         |       |       |          |        |           |      |           |       |        |                   |        | CUM. DISC<br>BTAX, M\$                                |
| 12-2016   | 0       | 000    | 0.00     | 10     | 0 000   |       | 0 000 | 0        | 000    | 0 0       | 100  | 0 000     | )     | 0 000  |                   | 0 000  | 0.000   |
|   |         |        |          |        |         |       |       |          |        |           |      |           |       |        |                   |        |   |
| 12-2017   | 3       | .738   | 9.15     | 50     | 50.902  | 4     | 8.142 | 433      | .282   | 481.4     | 25   | 0.000     | 38    | 6.552  | -31               | 86.552 | -348.917  |
| 12-2018   | 11      | .692   | 28.59    | 95     | 150.211 | 1     | 2.712 | 114      | .412   | 127.1     | .25  | 0.000     | ) 17  | 8.650  | -20               | 07.902 | -202.178  |
| 12-2019   | 9       | .344   | 22.85    | 57     | 118.518 |       | 0.000 | 0 .      | .000   | 0.0       | 100  | 0.000     | ) 24  | 5.904  |                   | 38.002 | -15.350   |
| 12-2020   | 7       | .510   | 18.37    | 70     | 93.617  |       | 0.000 | 0        | .000   | 0.0       | 000  | 0.000     | ) 19  | 9.259  | 23                | 37.261 | 122.137   |
| 12-2021   | 6       | .544   | 16.00    | )9     | 78.669  |       | 0.000 | 0        | .000   | 0.0       | 000  | 0.000     | ) 17  | 6.534  | 4.                | 13.795 | -348.917<br>-202.178<br>-15.350<br>122.137<br>232.817 |
| 12-2022   | 5       | 955    | 14 57    | 7.0    | 68 504  |       | 0 000 | 0        | 000    | 0.0       | 000  | 0 000     | 16    | 3 732  | 5                 | 77 527 | 326.113<br>406.633<br>477.209<br>539.471<br>594.672   |
| 12-2022   | 5       | 552    | 13 59    | 28     | 61 062  |       | 0.000 | 0        | 000    | 0.0       | 100  | 0.00      | 15    | 5 474  | 7                 | 33 001 | 406 633   |
| 12-2023   | 5       | 263    | 12.00    | 32     | 55 337  |       | 0.000 | 0        | 000    | 0.0       | 100  | 0.00      | 1 14  | 0 025  | 91                | 22 926 | 477 200   |
| 12-2025   | 5       | 032    | 12 31    | 19     | 50.337  |       | 0.000 | 0        | 000    | 0.0       | 100  | 0.00      | 1 14  | 5 495  | 10'               | 28 421 | 539 471   |
| 12-2025   | 1       | 8//    | 11 84    | 50     | 47 032  |       | 0.000 | 0        | 000    | 0.0       | 100  | 0.00      | 11    | 1 903  | 111               | 70 324 | 594 672   |
|   |         |        |          |        |         |       |       |          |        |           |      |           |       |        |                   |        |   |
| 12-2027   | 4       | .689   | 11.48    | 3 0    | 43.902  |       | 0.000 | 0        | .000   | 0.0       | 00   | 0.000     | 13    | 8.954  | 130               | 09.278 | 643.812   |
| 12-2028   | 4       | .562   | 11.17    | 71     | 41.239  |       | 0.000 | 0        | .000   | 0.0       | 00   | 0.000     | 13    | 6.670  | 14                | 45.948 | 687.749   |
| 12-2029   | 4       | .555   | 11.15    | 56     | 38.939  |       | 0.000 | 0        | .000   | 0.0       | 00   | 0.000     | 13    | 8.712  | 158               | 34.661 | 728.282   |
| 12-2030   | 4       | .321   | 10.58    | 31     | 36.915  |       | 0.000 | 0        | .000   | 0.0       | 00   | 0.000     | 13    | 1.585  | 173               | 16.246 | 643.812<br>687.749<br>728.282<br>763.236              |
| S TOT   | 83      | .600   | 204.59   | 90     | 935.619 | 6     | 0.855 | 547      | .695   | 608.5     | 50   | 0.000     | 171   | 6.246  | 17                | 16.246 | 763.236   |
| AFTER   | 57      | .884   | 141.51   | 19     | 507.055 |       | 0.000 | 0        | .000   | 0.0       | 00   | 0.000     | 175   | 0.420  | 346               | 56.666 | 974.790   |
|   |         |        |          |        |         |       |       |          |        |           |      |           |       |        |                   |        | 974.790   |
|   |         |        |          |        |         |       |       |          |        |           |      |           |       |        | _                 |        |   |
| GROSS WE<br>GROSS UL<br>GROSS CU<br>GROSS RE<br>NET REVE<br>INITIAL<br>FINAL N. |         |        | 011      |        | GAS     |       |       |          |        |           |      |           |       | P.W.   | ক<br><del>-</del> | P.W.,  | M\$   |
| GROSS WE  | LLS     |        |          | 0.0    |         | 15.0  |       | LIFE, Y  | RS.    |           |      | 50.00     |       | 0.0    | 0                 | 3466.6 | 66  |
| GROSS UL  | T., MB  | & MMF  | 29       | 9.437  | 2183    | .701  |       | DISCOUNT | Т %    |           |      | 10.00     |       | 5.0    | 0                 | 1694.8 | 31  |
| GROSS CU  | JM., MB | & MMF  | (        | 0.000  | 0       | .000  |       | UNDISCO  | UNTED  | PAYOUT,   | YRS. | 3.26      |       | 10.0   | 0                 | 974.7  | 90  |
| GROSS RE  | S., MB  | & MMF  | 29       | 9.437  | 2183    | .701  |       | DISCOUNT | TED PA | YOUT, YR  | ts.  | 3.53      |       | 15.0   | 0                 | 613.9  | 89  |
| NET RES   | , MB    | & MMF  | 15       | 7.097  | 1315    | .155  |       | RATE-OF  | -RETUR | N, PCT.   |      | 53.22     |       | 20.0   | 0                 | 405.7  | 69  |
| NET REVE  | NUE, M  | \$     | 884      | 1.036  | 5121    | .448  |       | DISCOUNT | TED NE | T/INVEST  |      | 2.80      |       | 25.0   | 0                 | 273.6  | 62  |
| INITIAL   | N.I.,   | PCT.   | 58       | 3.080  | 58      | .195  |       | INITIAL  | W.I    | PCT.      |      | 69.131    |       | 30.0   | 0                 | 184.1  | .95   |
| FINAL N.  | I., PC  | т.     | 58       | 3.080  | 58      | .080  |       | FINAL W  | .I., P | CT.       |      | 66.000    |       | 35.0   | 0                 | 120.7  | 26  |
|   | .,      | -      | 3.       |        |         |       |       |          | ., -   |           |      |           |       | 40.0   | 0                 | 74.1   | 39  |
|   |         |        |          |        |         |       |       |          |        |           |      |           |       | 50.0   | 0                 | 12.1   | .06   |
|   |         |        |          |        |         |       |       |          |        |           |      |           |       |        |                   |        |   |

PROVED UNDEVELOPED (PUD)
PROPERTIES LOCATED IN OH, PA & WV
TO THE INTERESTS OF
DIVERSIFIED GAS & OIL PLC

UTILIZING SPECIFIED ECONOMICS

RESERVES AND ECONOMICS

JOB 16.1800 EFFECTIVE DATE: 08/2016

DATE : 09/30/2016 TIME : 11:26:58 SETUP : WRI0816 SCENARIO : DRI0816

|          |             |             |              | E                       | EFFECTIVE        | DATE: 08/2016                | i          |          |          |           |                     |
|----------|-------------|-------------|--------------|-------------------------|------------------|------------------------------|------------|----------|----------|-----------|---------------------|
|          |             |             |              |                         |                  |                              |            |          | DDICEC   |           |                     |
| END      |             | CDOGG DDOD  | TOTTON       |                         | NE               | m production                 |            | 0.7.7    | - PRICES | NCT       | moma r              |
| MO_VEAR  | OTI MDD     | GRUSS PRODU | MMCE NCI     | MDDI OTI                | MDDI             | T PRODUCTION-<br>GAS, MMCF   | NCT MDDT   | ¢/b      | C/M      | r (D      | TOTAL<br>DEVENUE MÉ |
| MO-1EAR  | OIL, MBB    |             | MMCF NGL,    | MBBL 011                | ., MBBL          | GAS, MMCF                    | NGL, MBBL  | ₹/B      | Ş/M<br>  | 9/B       | REVENUE, MO         |
| 12-2016  | 0.00        | 0 0.        | .000         | 0.000                   | 0.000            | 0.000                        | 0.000      | 0.00     | 0.000    | 0.00      | 0.000               |
| 10 0015  |             |             |              |                         |                  | 20 504                       |            | 46.50    | 0.450    |           | 1.40 050            |
| 12-2017  | 0.94        | 6 38        | .775<br>.223 | 0.000                   | 0.797            | 32.584<br>489.643<br>845.578 | 0.000      | 46.52    |          |           |                     |
| 12-2018  | 28.17       |             | .223         | 0.000                   | 24.137           | 489.643                      | 0.000      | 48.49    | 2.956    |           |                     |
| 12-2019  | 48.63       |             | .044         | 0.000                   | 41.951           | 845.578                      | 0.000      | 49.97    |          |           | 4609.290            |
| 12-2020  | 57.29       | 7 1212      | .591         | 0.000                   | 49.663           | 1055.643                     | 0.000      | 51.34    | 3.036    | 0.00      | 5754.432            |
| 12-2021  | 64.88       | 2 1412      | .214         | 0.000                   | 56.378           | 1231.125                     | 0.000      | 52.43    | 3.162    | 0.00      | 6849.112            |
| 12-2022  | 70.18       | 5 1550      | . 403        | 0.000                   | 61.071           | 1352.598                     | 0.000      | 52.93    | 3.328    | 0.00      | 7734.406            |
| 12-2023  | 61.55       |             |              | 0 000                   | E2 EE0           | 1105 504                     |            |          |          |           | 6997.295            |
| 12-2024  | 49.41       |             |              | 0.000                   | 12 967           | 9/5 150                      |            |          |          |           | 5770.732            |
|          |             |             | .026         | 0.000                   | 26 505           | 945.150                      | 0.000      |          |          |           | 5048.647            |
| 12-2025  | 42.10       |             |              | 0.000                   | 42.967<br>36.595 | 802.016                      |            |          |          |           |                     |
| 12-2026  | 37.02       | 8 807.      | .179         | 0.000                   | 32.171           | 703.481                      | 0.000      | 52.93    | 4.054    | 0.00      | 4554.735            |
| 12-2027  | 33.22       | 5 723       | .300         | 0.000<br>0.000<br>0.000 | 28.861           | 630.268<br>573.167           | 0.000      | 52.93    | 4.224    | 0.00      | 4189.573            |
| 12-2028  | 30.23       |             | . 867        | 0.000                   | 26.262           | 573.167                      | 0.000      | 52.93    |          |           | 3908.601            |
| 12-2029  | 27.81       |             | 050          | 0.000                   | 24.153           | 527.095                      | 0.000      |          |          |           | 3744.691            |
|          |             |             | 212          | 0.000                   |                  |                              |            |          |          |           |                     |
| 12-2030  | 25.79       | 5 561.      | .313         | 0.000                   | 22.398           | 488.937                      | 0.000      | 52.93    | 4.679    | 0.00      | 3473.257            |
| S TOT    | 577.29      | 3 12473     | .972         | 0.000                   | 500.963          | 10862.868                    | 0.000      | 52.24    | 3.611    | 0.00      | 65393.076           |
| AFTER    | 326.91      | 2 7023      | .796         | 0.000                   | 283.672          | 6114.640                     | 0.000      | 52.93    | 4.679    | 0.00      | 43625.140           |
| TOTAL    | 904.20      | 5 19497.    | .768         | 0.000                   | 784.635          | 16977.508                    | 0.000      | 52.49    | 3.995    | 0.00      | 109018.216          |
|          |             |             |              |                         |                  |                              |            |          |          |           |                     |
|          |             |             |              |                         |                  | AL COSTS, M\$-               |            |          |          | м.        | 10.0%               |
| END      | ADVALOREM   | SEVERANCE   | NET OPER     | TANGIBLE                | INTANG.          | TOTAL INVEST.                | ABANDON    | & CASH   | FLOW CA  | SH FLOW   | CUM. DISC           |
| MO-YEAR  | TAXES       | TAXES       | EXPENSES     | INVEST.                 | INVEST.          | INVEST.                      | SALVAGE    | BTAX,    | M\$ BT   | AX, M\$   | BTAX, M\$           |
|          |             |             |              |                         |                  |                              |            |          |          |           |                     |
| 12-2016  | 0.000       | 0.000       | 0.000        | 0.000                   | 0.               | 0.0                          | 0.0        | 00 (     | 0.000    | 0.000     | 0.000               |
| 12-2017  | 3.300       | 8.346       | 5.760        | 512.000                 | 1536.            | 000 2048.0                   | 0.0        | 00 -192  | 5.053 -  | 1925.053  | -1716.554           |
| 12-2018  | 78.007      | 80.021      | 120.384      |                         | 8379.            | 000 11172.0<br>750 8325.0    | 0.0        |          | 2.457 -1 | 0757.510  | -9114.108           |
| 12-2019  | 146.498     | 98.080      |              |                         | 6243             | 750 8325 0                   | 0.0        |          |          |           | -12332.791          |
| 12-2020  | 188.914     | 93.713      |              |                         | 6075.            | 000 8100.0                   | 0.0        |          |          |           | -14427.190          |
| 12-2021  | 228.476     | 93.446      |              |                         |                  |                              |            |          |          |           | -15890.630          |
| 12 2021  | 220.470     | 33.440      | 323.200      | 2001.230                | 0243.            | 750 0525.0                   | 0.00       | JU 252.  | 1.002 2  | .0334.334 | 13030.030           |
| 12-2022  | 260.300     | 93.387      | 649.344      | 2025.000                | 6075.            | 000 8100.0                   | 0.0        | 00 -136  | 8.624 -2 | 1703.578  | -16676.526          |
| 12-2023  | 235.483     | 83.368      | 711.552      | 0.000                   | 0.               |                              |            | 00 596   | 6.895 -1 | 5736.683  | -13581.404          |
| 12-2024  | 193.450     | 71.392      |              |                         |                  | 000 0.0                      |            |          |          |           | -11322.304          |
| 12-2025  | 168.832     | 63.692      |              |                         |                  |                              |            |          |          |           | -9564.627           |
|          |             | 58.088      |              |                         |                  |                              |            |          |          |           |                     |
| 12-2026  | 152.060     | 30.000      | 711.552      | 0.000                   | 0.               | 0.0                          | 0.0        | JU 303.  | 3.032 -  | 3204.734  | -8150.581           |
| 12-2027  | 139.700     | 53.744      | 711.552      | 0.000                   | 0.               | 0.0                          | 0.0        | 00 328   | 4.576    | 79.821    | -6988.527           |
| 12-2028  | 130.216     | 50.251      |              |                         |                  | 0.0                          |            |          |          | 3096.407  |                     |
| 12-2029  | 124.703     | 47.741      |              |                         |                  | 000 0.0                      |            |          |          | 5957.096  |                     |
| 12-2030  | 115.571     | 44.724      |              |                         |                  | 000 0.0                      |            |          |          |           | -4490.915           |
| 12 2030  | 113.371     | 44.724      | 711.552      | 0.000                   | · · · · · ·      | 0.0                          | 0.0        | 200.     | 1.400    | 0330.302  | 4430.313            |
| S TOT    | 2165.510    | 939.994     | 7659.072     | 11517.500               | 34552.           | 500 46070.0                  | 0.0        | 00 8558  | 8.502    | 8558.502  | -4490.915           |
| AFTER    | 1444.269    | 596.678     | 16320.768    | 0.000                   | 0.               | 0.0                          | 0.0        | 00 25263 | 3.426 3  | 3821.932  | -995.753            |
| TOTAL    | 3609.778    | 1536.672    | 23979.840    | 11517.500               | 34552.           | 500 46070.0                  | 0.0        | 00 3382  | 1.928 3  | 3821.932  | -995.753            |
|          |             | OIL         | GAS          |                         |                  |                              |            |          | P.W. %   | P.W.,     | M\$                 |
|          |             |             |              |                         |                  |                              |            |          |          |           |                     |
| GROSS WE | LLS         | (           | 0.0 2        | 02.0                    | LIFE, YR         | S.                           | 49.75      |          | 0.00     | 33821.9   | 960                 |
| GROSS UL | T., MB & MM | F 904.2     | 205 19497    | .762                    | DISCOUNT         | 8                            | 10.00      |          | 5.00     | 8855.9    | 997                 |
| GROSS CU | M., MB & MM | F 0.0       | 0 0 0        | .000                    | UNDISCOU         | NTED PAYOUT,                 | YRS. 11.39 |          | 10.00    | -995.7    | 749                 |
|          | S., MB & MM |             |              |                         |                  | ED PAYOUT, YR                |            |          | 15.00    | -5229.8   |                     |
|          | , MB & MM   |             |              |                         |                  | RETURN, PCT.                 | 9.49       |          | 20.00    | -7068.6   |                     |
| NET REVE |             | 41187.2     |              |                         |                  | ED NET/INVEST                |            |          | 25.00    | -7785.8   |                     |
|          |             |             |              |                         |                  |                              |            |          |          |           |                     |
|          | N.I., PCT.  | 84.2        |              | .035                    |                  | W.I., PCT.                   | 100.000    |          | 30.00    | -7947.4   |                     |
| FINAL N. | 1., PCT.    | 84.2        | 268 84       | .000                    | FINAL W.         | I., PCT.                     | 100.000    |          | 35.00    | -7826.9   |                     |
|          |             |             |              |                         |                  |                              |            |          | 40.00    | -7564.9   |                     |
|          |             |             |              |                         |                  |                              |            |          | 50.00    | -6882.2   | 228                 |
|          |             |             |              |                         |                  |                              |            |          |          |           |                     |

TOTAL PROVED (PDP, PDNP, PDNP-TA, PDBP & PUD) PROPERTIES LOCATED IN OH, PA & WV TO THE INTERESTS OF DIVERSIFIED GAS & OIL PLC

DATE : 10/10/2016 TIME : 14:36:03 SETUP : WRI0816 SCENARIO : DRI0816

## AFTER TAX ECONOMICS

JOB 16.1800 UTILIZING SPECIFIED ECONOMICS EFFECTIVE DATE: 08/2016

| END<br>MO-YEAR | TAXABLE<br>CASH FLOW<br>M\$ | DEPRECIA-<br>TION<br>M\$ | DEPLETION | EXPENSED    | INTEREST<br>PAID & CAP<br>M\$ |            | TAX<br>CREDIT<br>M\$ | TAXES<br>PAYABLE<br>M\$ | CASH FLOW<br>ATAX<br>M\$ | 10.0%<br>CUM. DISC<br>ATAX<br>M\$ |
|----------------|-----------------------------|--------------------------|-----------|-------------|-------------------------------|------------|----------------------|-------------------------|--------------------------|-----------------------------------|
| 12-2016        | 6911.684                    | 0.000                    | 0.000     | 0.000       | 0.000                         | 6911.684   | 0.000                | 1174.987                | 5736.701                 | 5623.912                          |
| 12-2017        | 17440.436                   | 20.794                   | 0.000     | 1969.282    | 0.000                         | 15450.359  | 56.014               | 2570.548                | 12340.442                | 16972.804                         |
| 12-2018        | 17551.144                   | 741.697                  | 0.000     | 8493.412    | 0.000                         | 8316.036   | 280.571              | 1133.151                | 5118.857                 | 21160.858                         |
|                | 17886.672                   | 1228.825                 | 0.000     | 6243.750    | 0.000                         | 10414.096  | 208.125              | 1562.268                | 7999.380                 | 27174.668                         |
|                | 18111.254                   | 1483.302                 | 0.000     | 6075.000    | 0.000                         | 10552.951  | 202.500              | 1591.500                | 8419.757                 | 32931.820                         |
| 12-2021        | 18749.862                   | 1651.845                 | 0.000     | 6243.750    | 0.000                         | 10854.271  | 208.125              | 1637.102                | 8787.746                 | 38394.212                         |
| 12-2022        | 19403.826                   | 1793.152                 | 0.000     | 6075.000    | 0.000                         | 11535.672  | 202.500              | 1758.567                | 9545.262                 | 43792.856                         |
| 12-2023        | 18623.756                   | 1466.545                 | 0.000     | 0.000       | 0.000                         | 17157.204  | 0.000                | 2916.725                | 15707.014                | 51917.328                         |
| 12-2024        | 17469.236                   | 1207.968                 | 0.000     | 0.000       | 0.000                         | 16261.269  | 0.000                | 2764.416                | 14704.826                | 58831.956                         |
| 12-2025        | 16748.551                   | 826.340                  | 0.000     | 0.000       | 0.000                         | 15922.208  | 0.000                | 2706.777                | 14041.777                | 64834.528                         |
| 12-2026        | 16186.926                   | 565.080                  | 0.000     | 0.000       | 0.000                         | 15621.852  | 0.000                | 2655.714                | 13531.197                | 70093.240                         |
| 12-2027        | 15715.574                   | 381.536                  | 0.000     | 0.000       | 0.000                         | 15334.039  | 0.000                | 2606.787                | 13108.807                | 74724.432                         |
| 12-2028        | 15357.590                   | 196.219                  | 0.000     | 0.000       | 0.000                         | 15161.370  | 0.000                | 2577.436                | 12780.167                | 78829.064                         |
| 12-2029        | 15536.375                   | 15.052                   | 0.000     | 0.000       | 0.000                         | 15521.322  | 0.000                | 2638.627                | 12897.772                | 82594.888                         |
| 12-2030        | 14522.415                   | 0.000                    | 0.000     | 0.000       | 0.000                         | 14522.415  | 0.000                | 2468.812                | 12053.614                | 85794.296                         |
| 12-2031        | 13596.155                   | 0.000                    | 0.000     | 0.000       | 0.000                         | 13596.155  | 0.000                | 2311.346                | 11284.810                | 88517.336                         |
| 12-2032        | 12741.236                   | 0.000                    | 0.000     | 0.000       | 0.000                         | 12741.236  | 0.000                | 2166.013                | 10575.245                | 90837.176                         |
| 12-2033        | 11948.224                   | 0.000                    | 0.000     | 0.000       | 0.000                         | 11948.224  | 0.000                | 2031.198                | 9917.036                 | 92814.856                         |
| 12-2034        | 11211.777                   | 0.000                    | 0.000     | 0.000       | 0.000                         | 11211.777  | 0.000                | 1906.000                | 9305.774                 | 94501.936                         |
| 12-2035        | 10521.500                   | 0.000                    | 0.000     | 0.000       | 0.000                         | 10521.500  | 0.000                | 1788.654                | 8732.836                 | 95941.216                         |
| S TOT          | 306234.176                  | 11578.356                | 0.000     | 35100.192   | 0.000                         | 259555.648 | 1157.836             | 42966.624               | 216589.040               | 95941.216                         |
| AFTER          | 127586.728                  | 0.000                    | 0.000     | 0.000       | 0.000                         | 127586.728 | 0.000                | 21689.746               | 105896.968               | 104026.480                        |
| TOTAL          | 433820.896                  | 11578.356                | 0.000     | 35100.192   | 0.000                         | 387142.368 | 1157.836             | 64656.368               | 322486.016               | 104026.480                        |
| DMAY DA        | ATE OF RETUR                | N (DOM) 1                | .00.00 AT | AV DAME OF  | RETURN (PCT)                  | 100.00     | -                    | DECEMB MODBI            | H PROFILE AND            |                                   |
|                | AYOUT YEARS                 | (N (PCI) I               |           | AX PAY OUT  | ,                             | 0.00       |                      |                         | VS. BONUS TA             |                                   |
|                | AYOUT YEARS                 | (DISC)                   |           |             | YEARS (DISC)                  |            | P.W.                 |                         |                          | .F.I.T.                           |
|                | ET INCOME/IN                |                          |           | AX NET INCO |                               | 7.91       | FACTOR               | WORTH                   |                          | ONUS                              |
|                | ET INCOME/IN                |                          |           |             | ME/INVEST(DI                  |            | %                    |                         |                          | S                                 |
|                | ,                           |                          |           |             | , (                           | ,          | 0.00                 |                         |                          | 88306.1                           |
| PRODUCT        | TION START I                | DATE 08                  | 3/2015 PR | OJECT LIFE  | (YEARS)                       | 50.00      | 5.00                 |                         |                          | 82665.6                           |
|                |                             |                          |           | SCOUNT - RA |                               | 10.00      | 10.00                |                         |                          | 11318.1                           |
|                |                             |                          |           |             |                               |            | 15.00                |                         |                          | 77833.5                           |
| INITIAI        | L OIL PRICE                 | (\$/B) 2                 | 28.073 IN | ITIAL GAS P | RICE (\$/M)                   | 0.920      | 20.00                | 68490.9                 | 56698.2                  | 59246.9                           |
| MAXIMUN        | 4 OIL PRICE                 | (\$/B) 5                 | 52.930 MA | XIMUM GAS P | RICE (\$/M)                   | 4.679      | 25.00                | 55707.9                 | 45969.0                  | 47762.8                           |
| GROSS C        | DIL WELLS                   | 5                        | 97. GR    | OSS GAS WEL | LS                            | 6913.      | 30.00                | 47131.4                 | 38763.8                  | 40114.5                           |
|                |                             |                          |           |             |                               |            | 35.00                | 41060.4                 | 33660.5                  | 34728.4                           |
| CUMULAT        | TIVE OIL (ME                | BBL) 681                 | .6.771 CU | MULATIVE GA | S (MMF) 3                     | 90876.320  | 40.00                | 36577.4                 |                          | 30766.3                           |
| REMAINI        |                             |                          | 9.965 RE  | MAINING GAS | (MMCF) 3                      | 09057.824  | 50.00                | 30458.5                 | 24747.2                  | 25381.0                           |
| ULTIMAT        | re oil (Me                  | BBL) 968                 | 36.736 UL | TIMATE GAS  | (MMCF) 6                      | 99934.144  | 60.00                | 26508.6                 | 21428.8                  | 21920.7                           |
|                |                             |                          |           |             |                               |            | 70.00                | 23755.1                 |                          | 19517.4                           |
| INITIAI        | L WI (E                     | PCT) 9                   | 98.826 FI | NAL WI      | (PCT)                         | 42.839     | 80.00                | 21722.7                 | 17413.9                  | 17749.1                           |
| INITIAI        | L NET OIL (E                | PCT) 7                   | 74.201 FI | NAL NET OIL | (PCT)                         | 77.395     | 90.00                | 20155.3                 | 16101.2                  | 16389.4                           |
| INITIAI        | L NET GAS (F                | PCT) 4                   | 11.119 FI | NAL NET GAS | (PCT)                         | 41.139     | 100.00               | 18904.7                 | 15055.0                  | 15307.2                           |

TOTAL PROVED DEVELOPED (PDP, PDNP, PDNP-TA & PDBP) PROPERTIES LOCATED IN OH, PA & WV TO THE INTERESTS OF DIVERSIFIED GAS & OIL PLC

DATE : 10/10/2016 TIME : 15:05:36 SETUP : WRI0816 SCENARIO : DRI0816

JOB 16.1800

## AFTER TAX ECONOMICS

UTILIZING SPECIFIED ECONOMICS

EFFECTIVE DATE: 08/2016

|          |                             |           |                     | _            |                               |                  |                      |                         |                          |                                   |
|----------|-----------------------------|-----------|---------------------|--------------|-------------------------------|------------------|----------------------|-------------------------|--------------------------|-----------------------------------|
|          | TAXABLE<br>CASH FLOW<br>M\$ | TION      | DEPLETION           | EXPENSED     | INTEREST<br>PAID & CAP<br>M\$ |                  | TAX<br>CREDIT<br>M\$ | TAXES<br>PAYABLE<br>M\$ | CASH FLOW<br>ATAX<br>M\$ | 10.0%<br>CUM. DISC<br>ATAX<br>M\$ |
| 12-2016  | 6911.684                    | 0.000     | 0.000               | 0.000        | 0.000                         | 6911.684         | 0.000                | 1174.987                | 5736.701                 | 5623.912                          |
| 12-2017  | 17317.490                   |           | 0.000               | 433.282      | 0.000                         | 16881.902        | 4.814                | 2865.111                | 13970.933                | 18429.478                         |
| 12-2018  | 15211.604                   | 12.602    | 0.000               | 114.412      | 0.000                         | 15084.590        | 1.271                | 2563.106                | 12521.364                | 28857.240                         |
| 12-2019  | 13792.869                   |           | 0.000               | 0.000        | 0.000                         | 13779.741        | 0.000                | 2342.552                | 11450.292                | 37528.692                         |
| 12-2020  | 13036.499                   | 9.376     | 0.000               | 0.000        | 0.000                         | 13027.123        | 0.000                | 2214.608                | 10821.894                | 44979.252                         |
| 12-2021  | 12745.868                   | 6.698     | 0.000               | 0.000        | 0.000                         | 12739.170        | 0.000                | 2165.659                | 10580.187                | 51601.128                         |
| 12_2022  | 12672.448                   | 5.432     | 0.000               | 0.000        | 0.000                         | 12667.016        | 0.000                | 2153.395                | 10519.055                | 57586.244                         |
|          | 12656.860                   | 5.431     | 0.000               | 0.000        | 0.000                         | 12651.430        |                      |                         |                          | 63020.548                         |
|          | 12674.903                   | 5.432     | 0.000               | 0.000        | 0.000                         | 12669.471        | 0.000                |                         |                          | 67967.872                         |
|          | 12643.986                   | 0.452     | 0.000               | 0.000        | 0.000                         | 12643.533        | 0.000                | 2149.402                |                          | 72454.096                         |
|          | 12553.894                   | 0.432     | 0.000               | 0.000        | 0.000                         | 12553.894        | 0.000                | 2134.160                |                          | 76503.632                         |
| 12-2026  | 12333.634                   | 0.000     | 0.000               | 0.000        | 0.000                         | 12333.034        | 0.000                | 2134.100                | 10419.714                | 70303.032                         |
| 12-2027  | 12430.998                   | 0.000     | 0.000               | 0.000        | 0.000                         | 12430.998        | 0.000                | 2113.270                | 10317.743                | 80148.776                         |
| 12-2028  | 12341.004                   | 0.000     | 0.000               | 0.000        | 0.000                         | 12341.004        | 0.000                | 2097.973                | 10243.040                | 83438.560                         |
| 12-2029  | 12675.686                   | 0.000     | 0.000               | 0.000        | 0.000                         | 12675.686        | 0.000                | 2154.867                | 10520.839                | 86510.384                         |
| 12-2030  | 11921.009                   | 0.000     | 0.000               | 0.000        | 0.000                         | 11921.009        | 0.000                | 2026.572                | 9894.448                 | 89136.680                         |
| 12-2031  | 11214.434                   | 0.000     | 0.000               | 0.000        | 0.000                         | 11214.434        | 0.000                | 1906.453                | 9307.982                 | 91382.712                         |
| 12-2032  | 10548.829                   | 0.000     | 0.000               | 0.000        | 0.000                         | 10548.829        | 0.000                | 1793.304                | 8755.546                 | 93303.376                         |
| 12-2033  | 9922.073                    | 0.000     | 0.000               | 0.000        | 0.000                         | 9922.073         | 0.000                |                         |                          | 94945.688                         |
| 12-2034  |                             | 0.000     | 0.000               | 0.000        | 0.000                         | 9333.784         | 0.000                | 1586.742                |                          | 96350.176                         |
|          | 8778.369                    | 0.000     | 0.000               | 0.000        | 0.000                         | 8778.369         | 0.000                | 1492.322                |                          |                                   |
| S TOT    | 241384.288                  | 60.855    | 0.000               | 547.695      | 0.000                         | 240775.744       | 6.086                | 40925.784               | 199849.920               | 97551.008                         |
| AFTER    | 112544.712                  | 0.000     | 0.000               | 0.000        | 0.000                         | 112544.712       | 0.000                | 19132.600               | 93412.104                | 104470.856                        |
| TOTAL    | 353928.992                  | 60.855    | 0.000               | 547.695      | 0.000                         | 353320.448       | 6.086                | 60058.384               | 293262.016               | 104470.856                        |
| BTAY RA  | ATE OF RETUR                | N (PCT) 1 | .00.00 AT           | AY BATE OF   | RETURN (PCT)                  | 100 00           | F                    | RESENT WORTH            | H PROFILE AND            | 1                                 |
|          | YOUT YEARS                  |           | 0.00 AT             |              |                               | 0.00             | RAT                  | 'E-OF-RETURN            | H PROFILE AND            | BLE                               |
|          | AYOUT YEARS                 |           |                     |              | YEARS (DISC)                  | 0.00             | P.W.                 | B.F.I.T.                | A.F.I.T. A               | .F.I.T.                           |
|          | T INCOME/IN                 |           |                     | AX NET INCO  |                               | 482.90           | FACTOR               |                         |                          | ONUS                              |
|          | ET INCOME/IN                |           |                     |              | ME/INVEST(DI                  |                  | %                    |                         | M\$ M                    |                                   |
|          |                             |           |                     |              | ,                             |                  | 0.00                 |                         | 293261.7 3               |                                   |
| PRODUCT  | TION START D                | DATE OF   | 3/2015 PR           | OJECT LIFE   | (YEARS)                       | 50.00            | 5.00                 |                         | 157469.8 1               |                                   |
|          |                             |           |                     | SCOUNT - RA  |                               | 10.00            | 10.00                |                         | 104471.0 1               |                                   |
|          |                             |           |                     |              | (/                            |                  | 15.00                |                         | 77995.9                  |                                   |
| TNTTTAT  | OIL PRICE                   | (\$/B)    | 1.124 IN            | ITTTAL GAS P | RICE (\$/M)                   | 0.633            | 20.00                |                         | 62517.6                  |                                   |
|          | 4 OIL PRICE                 |           |                     | XIMUM GAS P  |                               | 4.679            | 25.00                |                         | 52475.1                  |                                   |
|          | OIL WELLS                   |           |                     | OSS GAS WEL  |                               | 6711.            | 30.00                |                         |                          | 46988.7                           |
| GIVODO C | ATT MITTIO                  | `         | ,,, Gr              | OUD GAD WEL  | 1110                          | 0/11.            | 35.00                |                         | 40305.4                  |                                   |
| CHMIII   | TIVE OIL (ME                | RRT.) 691 | 6 771 CT            | MULATIVE GA  | S (MME) 3                     | 90876.320        | 40.00                | 44142.4                 |                          | 37343.6                           |
|          | ING OIL (ME                 |           |                     | MAINING GAS  |                               | 89560.096        | 50.00                | 37340.7                 |                          | 31388.1                           |
| ULTIMAT  |                             |           |                     | TIMATE GAS   |                               | 80436.416        | 60.00                | 32686.4                 |                          | 27331.1                           |
| OLIIMAI  | LL OIL (ME                  | יחח) ( ק  | . L. J. J. U. U. L. | IIIMIE GAS   | ( LILLO E ) C                 |                  | 70.00                | 29288.5                 |                          | 24377.9                           |
| TNITHIAT | MT /T                       | OCTIV 5   | 54.984 FI           | NIAT DIT     | (DCT)                         | 12 001           | 80.00                | 29288.5                 |                          |                                   |
| INITIAL  |                             |           |                     | NAL WI       | (PCT)                         | 42.804<br>77.395 | 90.00                |                         |                          | 22124.2<br>20342.6                |
|          | NET OIL (F                  |           |                     | NAL NET OIL  |                               | 11.333           | 50.00                | 24632.8                 |                          |                                   |
| INTITAL  | NET GAS (F                  | (CI) 4    | 11.119 FI           | NAL NET GAS  | (PCT)                         | 41.111           | 100.00               | 22959.5                 | 18620.3                  | 18895.2                           |

PROVED DEVELOPED PRODUCING (PDP)
PROPERTIES LOCATED IN OH, PA & WV
TO THE INTERESTS OF
DIVERSIFIED GAS & OIL PLC

DATE : 10/10/2016 TIME : 14:35:41 SETUP : WRI0816 SCENARIO : DRI0816

## AFTER TAX ECONOMICS

UTILIZING SPECIFIED ECONOMICS

EFFECTIVE DATE: 08/2016

JOB 16.1800

| END TAXABLE                            | DEPRECIA-   | DEPLETION | TMEANC                | INTEREST        | TAXABLE          | TAX            | TAXES              | CACH FLOW                  | 10.0%<br>CUM. DISC |
|--|-------------|-----------|-----------------------|-----------------|------------------|----------------|--------------------|----------------------------|--------------------|
| MO-YEAR CASH FLOW                      | TION        | DEPLETION | INTANG.<br>EXPENSED   | PAID & CAP      |                  | CREDIT         | PAYABLE            | CASH FLOW<br>ATAX          | ATAX               |
|  |             | M\$       |                       |                 | M\$              |                |                    | M\$                        |                    |
| 12-2016 6911.684                       | 0.000       | 0.000     | 0.000                 | 0.000           | 6911.684         | 0.000          | 1174.987           | 5736.701                   | 5623.912           |
| 12-2017 17222.616                      | 0.000       | 0.000     | 0.000                 | 0.000           | 17222.616        | 0.000          | 2927.846           | 14294.749                  | 18722.844          |
| 12-2018 14905.829                      | 0.000       | 0.000     | 0.000                 | 0.000           | 14905.829        | 0.000          | 2533.988           | 12371.832                  | 29029.248          |
| 12-2019 13546.965                      | 0.000       | 0.000     | 0.000                 | 0.000           | 13546.965        | 0.000          | 2302.981           | 11243.960                  | 37544.444          |
| 12-2020 12837.240                      | 0.000       | 0.000     | 0.000                 | 0.000           | 12837.240        | 0.000          | 2182.328           | 10654.915                  | 44880.048          |
| 12-2021 12569.334                      | 0.000       | 0.000     | 0.000                 | 0.000           | 12569.334        | 0.000          | 2136.787           | 10432.525                  | 51409.508          |
| 12-2022 12508.716                      | 0.000       | 0.000     | 0.000                 | 0.000           | 12508.716        | 0.000          | 2126.484           | 10382.234                  | 57316.776          |
| 12-2023 12501.386                      | 0.000       | 0.000     | 0.000                 | 0.000           | 12501.386        | 0.000          | 2125.236           | 10376.139                  | 62683.852          |
| 12-2024 12524.978                      | 0.000       | 0.000     | 0.000                 | 0.000           | 12524.978        | 0.000          | 2129.247           | 10395.735                  | 67572.224          |
| 12-2025 12498.491                      | 0.000       | 0.000     | 0.000                 | 0.000           | 12498.491        | 0.000          | 2124.744           | 10373.743                  | 72006.792          |
| 12-2026 12411.991                      | 0.000       | 0.000     | 0.000                 | 0.000           | 12411.991        | 0.000          | 2110.037           | 10301.934                  | 76010.552          |
| 12-2027 12292.044                      | 0.000       | 0.000     | 0.000                 | 0.000           | 12292.044        | 0.000          | 2089.648           | 10202.411                  | 79614.944          |
| 12-2028 12204.334                      | 0.000       | 0.000     | 0.000                 | 0.000           | 12204.334        | 0.000          | 2074.739           | 10129.604                  | 82868.296          |
| 12-2029 12536.974                      | 0.000       | 0.000     | 0.000                 | 0.000           | 12536.974        | 0.000          | 2131.286           | 10405.708                  | 85906.504          |
| 12-2030 11789.424                      | 0.000       | 0.000     | 0.000                 | 0.000           | 11789.424        | 0.000          | 2004.203           | 9785.232                   | 88503.816          |
| 12-2031 11089.445                      | 0.000       | 0.000     | 0.000                 | 0.000           | 11089.445        | 0.000          | 1885.205           | 9204.241                   | 90724.808          |
| 12-2032 10430.090                      | 0.000       | 0.000     | 0.000                 | 0.000           | 10430.090        | 0.000          | 1773.119           | 8656.993                   | 92623.848          |
| 12-2033 9809.271                       | 0.000       | 0.000     | 0.000                 | 0.000           | 9809.271         | 0.000          | 1667.576           | 8141.701                   | 94247.488          |
| 12-2034 9226.622                       | 0.000       | 0.000     | 0.000                 | 0.000           | 9226.622         | 0.000          | 1568.524           | 7658.097                   | 95635.856          |
| 12-2035 8676.565                       | 0.000       | 0.000     | 0.000                 | 0.000           | 8676.565         | 0.000          | 1475.015           | 7201.542                   | 96822.760          |
| S TOT 238493.984                       | 0.000       | 0.000     | 0.000                 | 0.000           | 238493.984       | 0.000          | 40543.976          | 197949.984                 | 96822.760          |
| AFTER 111359.784                       | 0.000       | 0.000     | 0.000                 | 0.000           | 111359.784       | 0.000          | 18931.162          | 92428.608                  | 103662.528         |
| TOTAL 349853.760                       | 0.000       | 0.000     | 0.000                 | 0.000           | 349853.760       | 0.000          | 59475.136          | 290378.592                 | 103662.528         |
|  |             |           |                       |                 |                  |                |                    |                            |                    |
| BTAX RATE OF RETURN                    | N (PCT) 1   |           |                       | RETURN (PCT)    | 100.00           |                |                    | PROFILE AND                |                    |
| BTAX PAYOUT YEARS<br>BTAX PAYOUT YEARS | (DTCC)      |           | AX PAY OUT            | YEARS (DISC)    |                  | P.W.           |                    | VS. BONUS TA<br>A.F.I.T. A | .F.I.T.            |
| BTAX NET INCOME/INV                    |             |           | AX PAI OUI            |                 | 0.00             | FACTOR         |                    |                            | ONUS               |
| BTAX NET INCOME/INV                    |             |           |                       | ME/INVEST(DI    |                  | %              |                    |                            | \$                 |
| DIM NEI INCOME/IN                      | VEDI (DIDC) | 0.00 111  | IM NEI INCO           | IID/ INVEST (DI | 50, 0.00         | 0.00           |                    |                            | 49622.5            |
| PRODUCTION START DA                    | ATE 08      | /2015 PR  | OJECT LIFE            | (YEARS)         | 50.00            | 5.00           |                    |                            | 72187.2            |
|  |             |           | SCOUNT - RA           |                 | 10.00            | 10.00          | 125043.7           | 103662.6 1                 | 10918.4            |
|  |             |           |                       |                 |                  | 15.00          | 93554.7            | 77489.2                    | 81662.6            |
| INITIAL OIL PRICE                      | (\$/B)      | 0.068 IN  | ITIAL GAS P           | RICE (\$/M)     | 0.001            | 20.00          | 75153.7            | 62185.5                    | 64942.0            |
| MAXIMUM OIL PRICE                      |             |           | XIMUM GAS P           |                 | 4.679            | 25.00          | 63220.1            |                            | 54239.9            |
| GROSS OIL WELLS                        | 5           | 10. GR    | OSS GAS WEL           | LS              | 6085.            | 30.00          | 54894.7            |                            | 46838.0            |
|  |             |           |                       |                 |                  | 35.00          | 48766.6            |                            | 41422.8            |
| CUMULATIVE OIL (MBI                    |             |           | MULATIVE GA           |                 | 86058.400        | 40.00          | 44068.2            |                            | 37289.4            |
| REMAINING OIL (MB                      |             |           | MAINING GAS           |                 | 87376.480        | 50.00          | 37328.6            |                            | 31387.9            |
| ULTIMATE OIL (MB                       | зь) 871     | 3.234 UI  | TIMATE GAS            | (MMCF) 6        | 73434.880        | 60.00          | 32711.9            |                            | 27363.2            |
| THIRD NT (P)                           | 3m) 0       | 0 666 57  | NINT DIT              | (DCE)           | 40 754           | 70.00          | 29337.8            |                            | 24430.4            |
| INITIAL WI (PO                         |             |           | NAL WI<br>NAL NET OIL | (PCT)           | 42.754<br>78.656 | 80.00<br>90.00 | 26754.9<br>24707.7 |                            | 22189.8<br>20416.7 |
| INITIAL NET GAS (PO                    |             |           | NAL NET GAS           |                 | 41.097           | 100.00         | 23040.9            |                            | 18974.6            |
| 11111111 1111 010 (1)                  | ,           | I.II.     | NOI GAO               | (101)           | 11.00/           | 100.00         | 20040.9            | 10000.0                    | 103/1.0            |

PROVED DEVELOPED NONPRODUCING (PDNP) PROPERTIES LOCATED IN OH, PA & WV TO THE INTERESTS OF DIVERSIFIED GAS & OIL PLC

DATE : 10/10/2016 TIME : 14:35:54 SETUP : WRI0816 SCENARIO : DRI0816

## AFTER TAX ECONOMICS

UTILIZING SPECIFIED ECONOMICS JOB 16.1800 EFFECTIVE DATE: 08/2016

| END<br>MO-YEAR                                      | TAXABLE<br>CASH FLOW<br>M\$                   | DEPRECIA-<br>TION<br>M\$       | DEPLETION   | INTANG.<br>EXPENSED<br>M\$                     | INTEREST PAID & CAP M\$                                 | TAXABLE<br>INCOME<br>M\$     | TAX<br>CREDIT<br>M\$                               | TAXES PAYABLE M\$           | CASH FLOW<br>ATAX<br>M\$                            | 10.0%<br>CUM. DISC<br>ATAX<br>M\$ |
|---|---|--------------------------------|---|--|---|------------------------------|--|-----------------------------|---|-----------------------------------|
| 12-2016   |   |                                |   |  |   |                              |  |                             |   |                                   |
| 12-2017<br>12-2018<br>12-2019<br>12-2020<br>12-2021 |   |                                |   |  |   |                              |  |                             |   |                                   |
| 12-2022<br>12-2023<br>12-2024<br>12-2025<br>12-2026 |   |                                |   |  |   |                              |  |                             |   |                                   |
| 12-2027<br>12-2028<br>12-2029<br>12-2030<br>12-2031 |   |                                |   |  |   |                              |  |                             |   |                                   |
| 12-2032<br>12-2033<br>12-2034<br>12-2035            |   |                                |   |  |   |                              |  |                             |   |                                   |
| S TOT   | 0.000   | 0.000                          | 0.000   | 0.000  | 0.000   | 0.000                        | 0.000  | 0.000                       | 0.000   | 0.000                             |
| AFTER   | 0.000   | 0.000                          | 0.000   | 0.000  | 0.000   | 0.000                        | 0.000  | 0.000                       | 0.000   | 0.000                             |
| TOTAL   | 0.000   | 0.000                          | 0.000   | 0.000  | 0.000   | 0.000                        | 0.000  | 0.000                       | 0.000   | 0.000                             |
| BTAX RA<br>BTAX PA<br>BTAX PA<br>BTAX NE            | TE OF RETUR YOUT YEARS YOUT YEARS T INCOME/IN | N (PCT) (DISC) VEST VEST(DISC) | 0.00 AT AT O.00 OT AT O.00 AT AT O.00 AT AT O.00 AT | AX RATE OF : AX PAY OUT AX PAY OUT AX NET INCO | RETURN (PCT) YEARS YEARS (DISC) ME/INVEST ME/INVEST (DI | 0.00<br>0.00<br>0.00<br>0.00 | P<br>RAT<br>P.W.<br>FACTOR<br>%                    | RESENT WORTH B.F.I.T. WORTH | H PROFILE AND VS. BONUS TA A.F.I.T. A WORTH B M\$ M | BLE<br>.F.I.T.<br>ONUS            |
| PRODUCT   | ION START D                                   | ATE 08                         | /2015 PR  | OJECT LIFE                                     | (YEARS)   | 0.00                         | 0 00   | 0 0                         | 0 0   | 0 0                               |
| INITIAL<br>MAXIMUM<br>GROSS O                       | OIL PRICE<br>OIL PRICE<br>IL WELLS            | (\$/B)<br>(\$/B)               | 0.000 IN<br>0.000 MA<br>87. GR                      | ITIAL GAS P<br>XIMUM GAS P<br>OSS GAS WEL      | RICE (\$/M)<br>RICE (\$/M)<br>LS                        | 0.000<br>0.000<br>452.       | 10.00<br>15.00<br>20.00<br>25.00<br>30.00<br>35.00 | 0.0<br>0.0<br>0.0           | 0.0<br>0.0<br>0.0<br>0.0<br>0.0<br>0.0              | 0.0<br>0.0<br>0.0                 |
| REMAINI<br>ULTIMAT                                  | NG OIL (MB<br>E OIL (MB                       | BL) 3<br>BL) 3                 | 0.000 RE<br>9.558 UL                                | MAINING GAS<br>TIMATE GAS                      | (MMCF)<br>(MMCF)  | 0.000<br>4817.530            | 50.00<br>60.00<br>70.00                            | 0.0                         | 0.0   | 0.0<br>0.0<br>0.0<br>0.0          |
| INITIAL<br>INITIAL<br>INITIAL                       | WI (P<br>NET OIL (P<br>NET GAS (P             | CT)<br>CT)<br>CT)              | 0.000 FI<br>0.000 FI<br>0.000 FI                    | NAL WI<br>NAL NET OIL<br>NAL NET GAS           | (PCT)<br>(PCT)<br>(PCT)                                 | 0.000<br>0.000<br>0.000      | 80.00<br>90.00<br>100.00                           | 0.0                         | 0.0   | 0.0                               |

PROVED DEVELOPED NONPRODUCING - TEMPORARILY ABANDONED (PDNP-TA) PROPERTIES LOCATED IN OH, PA & WV
TO THE INTERESTS OF DIVERSIFIED GAS & OIL PLC DATE : 10/10/2016 TIME : 14:36:03 SETUP : WRIO816 SCENARIO : DRIO816

AFTER TAX ECONOMICS

UTILIZING SPECIFIED ECONOMICS JOB 16.1800 EFFECTIVE DATE: 08/2016

| END<br>MO-YEAR                                      | TAXABLE<br>CASH FLOW<br>M\$                            | DEPRECIA-<br>TION<br>M\$ | DEPLETION                        | INTANG.<br>EXPENSED<br>M\$               | INTEREST<br>PAID & CAP<br>M\$                                      | TAXABLE<br>INCOME<br>M\$     | TAX<br>CREDIT<br>M\$     | TAXES PAYABLE M\$                         | CASH FLOW  | 10.0% V CUM. DISC ATAX M\$       |
|---|--|--------------------------|----------------------------------|--|--|------------------------------|--------------------------|---|--|----------------------------------|
| 12-2016   |  |                          |                                  |  |  |                              |                          |   |  |                                  |
| 12-2017<br>12-2018<br>12-2019<br>12-2020<br>12-2021 |  |                          |                                  |  |  |                              |                          |   |  |                                  |
| 12-2022<br>12-2023<br>12-2024<br>12-2025<br>12-2026 |  |                          |                                  |  |  |                              |                          |   |  |                                  |
| 12-2027<br>12-2028<br>12-2029<br>12-2030<br>12-2031 |  |                          |                                  |  |  |                              |                          |   |  |                                  |
| 12-2032<br>12-2033<br>12-2034<br>12-2035            |  |                          |                                  |  |  |                              |                          |   |  |                                  |
| S TOT   | 0.000  | 0.000                    | 0.000                            | 0.000                                    | 0.000  | 0.000                        | 0.000                    | 0.000                                     | 0.000  | 0.000                            |
| AFTER   | 0.000  | 0.000                    | 0.000                            | 0.000                                    | 0.000  | 0.000                        | 0.000                    | 0.000                                     | 0.000  | 0.000                            |
| TOTAL   | 0.000  | 0.000                    | 0.000                            | 0.000                                    | 0.000  | 0.000                        | 0.000                    | 0.000                                     | 0.000  | 0.000                            |
| BTAX RA<br>BTAX PA<br>BTAX PA<br>BTAX NE            | TE OF RETUR<br>YOUT YEARS<br>YOUT YEARS<br>T INCOME/IN | (DISC)                   | 0.00 AT<br>0.00 AT<br>0.00 AT    | AX RATE OF<br>AX PAY OUT<br>AX PAY OUT   | RETURN (PCT)<br>YEARS<br>YEARS (DISC)<br>ME/INVEST<br>ME/INVEST(DI | 0.00<br>0.00<br>0.00<br>0.00 | P.W.<br>FACTOR           | PRESENT WORTH TE-OF-RETURN B.F.I.T. WORTH | H PROFILE AN<br>VS. BONUS T<br>A.F.I.T.<br>WORTH | ND<br>FABLE<br>A.F.I.T.<br>BONUS |
|   |  |                          |                                  |  | (YEARS) TE (PCT) RICE (\$/M)                                       |                              | 0.00                     | 0.0                                       | 0.0  | 0.0                              |
| MAXIMUM<br>GROSS O                                  | OIL PRICE  | (\$/B)                   | 0.000 MA<br>0. GR                | XIMUM GAS P<br>OSS GAS WEL               | RICE (\$/M)<br>LS  | 159.                         | 25.00<br>30.00           | 0.0                                       | 0.0  | 0.0<br>0.0<br>0.0<br>0.0         |
| CUMULAT<br>REMAINI<br>ULTIMAT                       | IVE OIL (ME<br>NG OIL (ME<br>E OIL (ME                 | BL)                      | 0.303 CU<br>0.000 RE<br>0.303 UI | MULATIVE GA<br>MAINING GAS<br>TIMATE GAS | (MMCF)<br>(MMCF)   | 0.380                        | 50.00<br>60.00<br>70.00  | 0.0                                       | 0.0  | 0.0<br>0.0<br>0.0<br>0.0<br>0.0  |
| INITIAL<br>INITIAL                                  | WI (F<br>NET OIL (F<br>NET GAS (F                      | PCT) 10<br>PCT)          | 0.000 FI<br>0.000 FI<br>0.000 FI | NAL WI<br>NAL NET OIL<br>NAL NET GAS     | (PCT)<br>(PCT)<br>(PCT)  | 0.000<br>0.000<br>0.000      | 80.00<br>90.00<br>100.00 | 0.0                                       | 0.0  | 0.0                              |

PROVED DEVELOPED BEHIND PIPE (PDBP)
PROPERTIES LOCATED IN OH, PA & WV
TO THE INTERESTS OF
DIVERSIFIED GAS & OIL PLC

DATE : 10/10/2016 TIME : 14:35:55 SETUP : WRI0816 SCENARIO : DRI0816

## AFTER TAX ECONOMICS

UTILIZING SPECIFIED ECONOMICS

EFFECTIVE DATE: 08/2016

JOB 16.1800

|           | TAXABLE<br>CASH FLOW      |             | DEPLETION   |                            | INTEREST<br>PAID & CAP | TAXABLE           | TAX<br>CREDIT  | TAXES<br>PAYABLE                 | CASH FLOW                           | 10.0%<br>CUM. DISC |
|-----------|---------------------------|-------------|-------------|----------------------------|------------------------|-------------------|----------------|----------------------------------|-------------------------------------|--------------------|
|           |                           |             | M\$         |                            |                        |                   |                |                                  | M\$                                 |                    |
| 12-2016   | 0.000                     | 0.000       | 0.000       | 0.000                      | 0.000                  | 0.000             | 0.000          | 0.000                            | 0.000                               | 0.000              |
| 12-2017   | 94.873                    | 2.304       | 0.000       | 433.282                    | 0.000                  | -340.713          |                |                                  |                                     | -293.366           |
| 12-2018   | 305.775                   | 12.602      |             | 114.412                    |                        | 178.761           |                |                                  |                                     |                    |
| 12-2019   | 245.904                   | 13.128      | 0.000       | 0.000                      | 0.000                  |                   |                |                                  |                                     | -15.752            |
| 12-2020   | 199.259                   | 9.376       |             | 0.000                      | 0.000                  |                   |                |                                  | 166.979                             |                    |
| 12-2021   | 176.534                   | 6.698       | 0.000       | 0.000                      | 0.000                  | 169.836           | 0.000          | 28.872                           | 147.662                             | 191.623            |
| 12-2022   | 163.732                   | 5.432       | 0.000       | 0.000                      | 0.000                  | 158.300           |                |                                  |                                     |                    |
| 12-2023   | 155.474                   | 5.431       | 0.000       | 0.000                      | 0.000                  | 150.044           |                |                                  |                                     |                    |
| 12-2024   | 149.925                   | 5.432       | 0.000       | 0.000                      | 0.000                  |                   |                |                                  |                                     | 395.645            |
| 12-2025   | 145.495                   | 0.452       | 0.000       | 0.000                      | 0.000                  | 145.042           |                |                                  |                                     | 447.300            |
| 12-2026   | 141.903                   | 0.000       | 0.000       | 0.000                      | 0.000                  | 141.903           | 0.000          | 24.124                           | 117.780                             | 493.071            |
| 12-2027   | 138.954                   | 0.000       | 0.000       | 0.000                      | 0.000                  | 138.954           | 0.000          | 23.622                           | 115.332                             | 533.817            |
| 12-2028   | 136.670                   | 0.000       | 0.000       | 0.000                      | 0.000                  | 136.670           |                |                                  |                                     | 570.249            |
| 12-2029   | 138.712                   | 0.000       | 0.000       | 0.000                      | 0.000                  | 138.712           |                |                                  |                                     | 603.865            |
| 12-2030   | 131.585                   | 0.000       | 0.000       | 0.000                      | 0.000                  | 131.585           |                | 22.370                           |                                     |                    |
| 12-2031   | 124.989                   | 0.000       | 0.000       | 0.000                      | 0.000                  | 124.989           | 0.000          | 21.248                           | 103.741                             | 657.887            |
| 12-2032   | 118.739                   | 0.000       | 0.000       | 0.000                      | 0.000                  | 118.739           | 0.000          |                                  |                                     | 679.506            |
| 12-2033   | 112.802                   | 0.000       | 0.000       | 0.000                      | 0.000                  | 112.802           | 0.000          |                                  | 93.626                              |                    |
| 12-2034   | 107.162                   | 0.000       | 0.000       | 0.000                      | 0.000                  | 107.162           | 0.000          | 18.218                           | 88.944                              | 714.302            |
| 12-2035   | 101.804                   | 0.000       | 0.000       | 0.000                      | 0.000                  | 101.804           | 0.000          | 17.307                           | 84.497                              | 728.228            |
| S TOT     | 2890.292                  | 60.855      | 0.000       | 547.695                    | 0.000                  | 2281.742          | 6.086          | 381.811                          | 1899.932                            | 728.228            |
| AFTER     | 1184.924                  | 0.000       | 0.000       | 0.000                      | 0.000                  | 1184.924          | 0.000          | 201.437                          | 983.487                             | 808.306            |
| TOTAL     | 4075.216                  | 60.855      | 0.000       | 547.695                    | 0.000                  |                   | 6.086          |                                  |                                     | 808.306            |
| BTAY RA   | TE OF BETTIE              | N (PCT)     | 53 22 AT    | AV RATE OF                 | RETURN (PCT)           | 50 13             | р              | RESENT WORTH                     | PROFILE AND VS. BONUS TA A.F.I.T. A |                    |
|           | YOUT YEARS                | (101)       |             | 'AX PAY OUT                |                        | 3.26              | RAT            | 'E-OF-RETURN                     | VS. BONUS TA                        | BLE                |
| BTAX PA   | YOUT YEARS                | (DISC)      | 3.53 AT     | 'AX PAY OUT                | YEARS (DISC)           | 3.55              | P.W.           | B.F.I.T.                         | A.F.I.T. A                          | .F.I.T.            |
| BTAX NE   | T INCOME/IN               | IVEST       | 6.70 AT     | AX NET INCC                | ME/INVEST              | 5.74              | FACTOR         | WORTH                            | WORTH B                             | ONUS               |
| BTAX NE   | T INCOME/IN               | VEST (DISC) | 2.80 AT     | AX NET INCC                | ME/INVEST(DI           | SC) 2.49          | %              |                                  | M\$ M                               | \$                 |
|           |                           |             |             |                            |                        |                   | 0.00           |                                  |                                     | 3474.0             |
| PRODUCT   | ION START D               | ATE 08      |             |                            | (YEARS)                |                   |                |                                  |                                     | 1570.7             |
|           |                           |             | DI          | SCOUNT - RA                | TE (PCT)               | 10.00             | 10.00          | 974.8                            | 808.3                               | 872.3              |
|           |                           |             |             |                            |                        |                   | 15.00          | 614.0                            | 506.6                               | 537.1              |
|           |                           | (\$/B) 4    |             |                            | RICE (\$/M)            |                   | 20.00          | 614.0<br>405.8<br>273.7<br>184.2 | 332.1                               | 348.1              |
|           | OIL PRICE                 |             |             | XIMUM GAS F                |                        | 4.679             | 25.00          | 273.7                            | 221.1                               | 229.9              |
| GROSS O   | IL WELLS                  |             | 0. GR       | OSS GAS WEI                | LS                     | 15.               |                | 184.2                            |                                     | 150.7              |
| CUMUL 2 T | TITE OTT (NE              | DT.         | 0 000 2     | MILL AMELIA                | C (MME)                | 0 000             | 35.00<br>40.00 | 120.7                            | 92.2                                | 94.9               |
|           | IVE OIL (ME<br>NG OIL (ME | BBL)        |             | MULATIVE GA<br>MAINING GAS | S (MMF)<br>(MMCF)      | 0.000<br>2183.701 | 40.00<br>50.00 | 74.1<br>12.1                     | 52.9<br>0.4                         | 54.1<br>0.2        |
| ULTIMAT   |                           |             |             | MAINING GAS<br>TIMATE GAS  |                        | 2183.701          | 60.00          | -25.5                            |                                     | -32.2              |
| OLIIMAT   | E OIL (ME                 | , 111       | . J. 43/ UL | ILLIMALE GAS               | (MINCE)                | 2103.701          | 70.00          | -23.3<br>-49.3                   | -51.4<br>-51.5                      | -52.2<br>-52.5     |
| INITIAL   | WT /F                     | CT) 6       | 59.131 FI   | NAL WI                     | (PCT)                  | 66.000            | 80.00          | -64.7                            | -64.5                               | -65.6              |
|           | NET OIL (E                |             |             | NAL NET OIL                |                        | 58.080            | 90.00          | -74.8                            | -73.0                               | -74.0              |
|           | NET GAS (E                |             |             | NAL NET GAS                |                        | 58.080            | 100.00         | -81.4                            | -78.5                               | -79.4              |
|           |                           |             |             |                            |                        |                   |                |                                  |                                     |                    |

PROVED UNDEVELOPED (PUD)
PROPERTIES LOCATED IN OH, PA & WV
TO THE INTERESTS OF
DIVERSIFIED GAS & OIL PLC

DATE : 10/10/2016 TIME : 14:36:00 SETUP : WRI0816 SCENARIO : DRI0816

## AFTER TAX ECONOMICS

UTILIZING SPECIFIED ECONOMICS

EFFECTIVE DATE: 08/2016

JOB 16.1800

|          | TAXABLE<br>CASH FLOW |             | DEPLETION |                | INTEREST<br>PAID & CAP | TAXABLE          | TAX<br>CREDIT   | TAXES<br>PAYABLE   | CASH FLOW    | 10.0%<br>CUM. DISC<br>ATAX |
|----------|----------------------|-------------|-----------|----------------|------------------------|------------------|-----------------|--------------------|--------------|----------------------------|
|          |                      |             | M\$       |                |                        |                  |                 |                    | M\$          |                            |
|          |                      |             |           |                |                        |                  |                 |                    |              |                            |
| 12-2016  | 0.000                | 0.000       | 0.000     | 0.000          | 0.000                  | 0.000            | 0.000           | 0.000              | 0.000        | 0.000                      |
| 12-2017  | 122.947              | 18.490      | 0.000     | 1536.000       | 0.000                  | -1431.543        | 51.200          | -294.562           | -1630.491    | -1456.675                  |
| 12-2018  | 2339.541             | 729.095     | 0.000     | 8379.000       | 0.000                  | -6768.554        | 279.300         | -1429.954          | -7402.507    | -7696.382                  |
| 12-2019  | 4093.802             | 1215.696    | 0.000     | 6243.750       | 0.000                  | -3365.644        |                 | -780.284           |              | -10354.026                 |
| 12-2020  | 5074.755             | 1473.926    | 0.000     | 6075.000       | 0.000                  | -2474.172        | 202.500         | -623.109           |              | -12047.434                 |
| 12-2021  | 6003.994             | 1645.147    | 0.000     | 6243.750       | 0.000                  | -1884.899        | 208.125         | -528.557           | -1/92.440    | -13206.917                 |
| 12-2022  | 6731.378             | 1787.721    | 0.000     | 6075.000       | 0.000                  | -1131.344        | 202.500         | -394.828           | -973.793     | -13793.392                 |
| 12-2023  | 5966.895             | 1461.114    | 0.000     | 0.000          | 0.000                  | 4505.774         | 0.000           | 765.982            |              | -11103.222                 |
| 12-2024  | 4794.332             | 1202.536    | 0.000     | 0.000          | 0.000                  | 3591.798         | 0.000           | 610.605            |              | -9135.917                  |
| 12-2025  | 4104.565             | 825.888     | 0.000     | 0.000          | 0.000                  | 3278.675         | 0.000           | 557.375            |              | -7619.567                  |
| 12-2026  | 3633.032             | 565.080     | 0.000     | 0.000          | 0.000                  | 3067.958         | 0.000           | 521.553            | 3111.483     | -6410.389                  |
| 12-2027  | 3284.576             | 381.536     | 0.000     | 0.000          | 0.000                  | 2903.041         | 0.000           | 493.517            | 2791.064     | -5424.338                  |
| 12-2028  | 3016.586             | 196.219     | 0.000     | 0.000          | 0.000                  | 2820.366         | 0.000           | 479.463            | 2537.127     | -4609.486                  |
| 12-2029  | 2860.689             | 15.052      | 0.000     | 0.000          | 0.000                  | 2845.636         | 0.000           | 483.759            |              |                            |
| 12-2030  | 2601.406             | 0.000       | 0.000     | 0.000          | 0.000                  | 2601.406         |                 | 442.239            | 2159.166     | -3342.372                  |
| 12-2031  | 2381.721             | 0.000       | 0.000     | 0.000          | 0.000                  | 2381.721         | 0.000           | 404.893            | 1976.828     | -2865.360                  |
| 12-2032  | 2192.406             | 0.000       | 0.000     | 0.000          | 0.000                  | 2192.406         | 0.000           | 372.709            | 1819.699     | -2466.183                  |
| 12-2033  | 2026.151             | 0.000       | 0.000     | 0.000          | 0.000                  | 2026.151         | 0.000           | 344.446            | 1681.708     | -2130.813                  |
| 12-2034  | 1877.993             | 0.000       | 0.000     | 0.000          | 0.000                  | 1877.993         | 0.000           | 319.259            | 1558.733     | -1848.226                  |
| 12-2035  | 1743.131             | 0.000       | 0.000     | 0.000          | 0.000                  | 1743.131         | 0.000           | 296.332            | 1446.796     | -1609.777                  |
| S TOT    | 64849.900            | 11517.501   | 0.000     | 34552.500      | 0.000                  | 18779.902        | 1151.750        | 2040.838           | 16739.092    | -1609.777                  |
| AFTER    | 15042.027            | 0.000       | 0.000     | 0.000          | 0.000                  | 15042.027        | 0.000           | 2557.145           | 12484.887    | -444.354                   |
| TOTAL    | 79891.928            | 11517.501   | 0.000     | 34552.500      | 0.000                  | 33821.928        | 1151.750        | 4597.984           | 29223.980    | -444.354                   |
| DMAY DA  | TE OF RETUR          | N (DCE)     | 9.49 AT   | INV DAME OF    | RETURN (PCT)           | 9.74             | _               | DECEMB MODBI       | PROFILE AND  |                            |
|          | YOUT YEARS           |             |           | 'AX PAY OUT    |                        | 10.99            |                 |                    | VS. BONUS TA |                            |
|          | YOUT YEARS           |             |           |                | YEARS (DISC)           |                  | P.W.            |                    |              | .F.I.T.                    |
|          | T INCOME/IN          |             | 1.73 AT   | AX NET INCO    | ME/INVEST              | 1.63             | FACTOR          | WORTH              | WORTH B      | ONUS                       |
| BTAX NE  | T INCOME/IN          | WEST (DISC) | 0.97 AT   | AX NET INCO    | ME/INVEST(DI           | SC) 0.99         | %               |                    | M\$ M        |                            |
|          |                      |             |           |                |                        |                  | 0.00            |                    |              | 35209.6                    |
| PRODUCT  | ION START I          | DATE 08     |           | OJECT LIFE     |                        | 49.75            | 5.00            |                    |              | 8907.7                     |
|          |                      |             | DI        | SCOUNT - RA    | TE (PCT)               | 10.00            | 10.00           | -995.7             |              | -472.6                     |
| TNITHTAT | OIL PRICE            | (¢/p) =     | 0.522 IN  | IITIAL GAS P   | DICE (C/M)             | 3.003            | 15.00<br>20.00  | -5229.9<br>-7068.6 |              | -4366.2<br>-6043.2         |
|          | OIL PRICE            |             |           | XIMUM GAS P    |                        | 4.679            | 25.00           | -7785.8            |              | -6707.1                    |
|          | OIL WELLS            |             |           | OSS GAS WEL    |                        | 202.             | 30.00           | -7947.4            |              | -6874.1                    |
| 01.000   | .11 1111111          |             | 0.        | .000 0110 1121 | .20                    | 202.             | 35.00           | -7827.0            |              | -6789.3                    |
| CUMULAT  | IVE OIL (ME          | BBL)        | 0.000 CU  | MULATIVE GA    | S (MMF)                | 0.000            | 40.00           | -7564.9            |              | -6577.3                    |
| REMAINI  | NG OIL (ME           | BBL) 90     | 4.205 RE  | MAINING GAS    | (MMCF)                 | 19497.762        | 50.00           | -6882.2            | -5920.7      | -6007.2                    |
| ULTIMAT  | E OIL (ME            | 3BL) 90     | 04.205 UI | TIMATE GAS     | (MMCF)                 | 19497.762        | 60.00           | -6177.8            |              | -5410.4                    |
|          |                      |             |           |                |                        |                  | 70.00           | -5533.4            |              | -4860.5                    |
| INITIAL  | ,                    |             |           | NAL WI         | (PCT)                  | 100.000          | 80.00           | -4967.5            |              | -4375.1                    |
|          | NET OIL (F           |             |           | NAL NET OIL    |                        | 84.268<br>84.000 | 90.00<br>100.00 | -4477.5<br>-4054.8 |              | -3953.2<br>-3588.1         |
| TNTTTAL  | NET GAS (E           | .CT) 5      | 9.U33 F1  | NAL NET GAS    | (PCT)                  | 04.000           | 100.00          | -4004.8            | -3303.4      | -5500.1                    |

## Exhibit G DIVERSIFIED GAS & OIL PLC NYMEX Pricing

|                  |       |                  |                  |       | wavet 1 30          |   | 10 | 1C Cathlemen | 4.C.C                                 |
|------------------|-------|------------------|------------------|-------|---------------------|---|----|--------------|---------------------------------------|
| onth             | WTI   | Henry            | Month            | WTI   | Henry               |   | _  |              | 2016 Settlements  Month WTI           |
|                  | 40.06 | <b>Hub</b> 2.945 | Jan 20           | 50.74 | <b>Hub</b><br>3.247 |   | 4  | Jun 23       |                                       |
| Aug 16           | 40.06 | 2.771            | Feb 20           | 50.74 | 3.247               |   |    | Jul 23       |                                       |
| Sep 16<br>Oct 16 | 40.84 | 2.771            |                  | 50.83 | 3.215               |   |    |              |                                       |
| Nov 16           | 41.62 | 2.980            | Mar 20<br>Apr 20 | 51.05 | 2.880               |   | 1  | Aug 23       | 3                                     |
|                  |       |                  |                  |       |                     |   | l  | Sep 23       | 1                                     |
| Dec 16           | 42.39 | 3.239            | May 20           | 51.18 | 2.873               |   | ł  | Oct 23       |                                       |
| Jan 17           | 43.08 | 3.357            | Jun 20           | 51.32 | 2.905               |   | ł  | Nov 23       |                                       |
| Feb 17           | 43.66 | 3.344            | Jul 20           | 51.34 | 2.942               |   |    | Dec 23       | 1                                     |
| 1ar 17           | 44.16 | 3.295            | Aug 20           | 51.41 | 2.970               |   |    | Jan 24       |                                       |
| pr 17            | 44.58 | 3.030            | Sep 20           | 51.51 | 2.971               | _ | 4  | Feb 24       | <b>-</b>                              |
| May 17           | 44.93 | 3.002            | Oct 20           | 51.63 | 3.001               |   |    | Mar 24       | Mar 24 52.93                          |
| lun 17           | 45.24 | 3.034            | Nov 20           | 51.77 | 3.074               |   |    | Apr 24       | Apr 24 52.93                          |
| Jul 17           | 45.52 | 3.063            | Dec 20           | 51.94 | 3.222               |   |    | May 24       | May 24 52.93                          |
| Aug 17           | 45.78 | 3.073            | Jan 21           | 51.98 | 3.357               |   |    | Jun 24       | Jun 24 52.93                          |
| Sep 17           | 46.05 | 3.054            | Feb 21           | 52.03 | 3.329               |   |    | Jul 24       | Jul 24 52.93                          |
| Oct 17           | 46.32 | 3.078            | Mar 21           | 52.11 | 3.265               |   |    | Aug 24       | Aug 24 52.93                          |
| Nov 17           | 46.60 | 3.133            | Apr 21           | 52.20 | 3.000               |   | 1  | Sep 24       | Sep 24 52.93                          |
| Dec 17           | 46.89 | 3.265            | May 21           | 52.31 | 2.995               |   |    | Oct 24       | Oct 24 52.93                          |
| Jan 18           | 47.10 | 3.366            | Jun 21           | 52.45 | 3.027               |   |    | Nov 24       | Nov 24 52.93                          |
| Feb 18           | 47.30 | 3.331            | Jul 21           | 52.43 | 3.064               |   |    | Dec 24       | Dec 24 52.93                          |
| Mar 18           | 47.48 | 3.244            | Aug 21           | 52.46 | 3.098               |   |    | Jan 25       | Jan 25 52.93                          |
| Apr 18           | 47.68 | 2.859            | Sep 21           | 52.53 | 3.101               |   | 1  | Feb 25       | Feb 25 52.93                          |
| May 18           | 47.88 | 2.821            | Oct 21           | 52.64 | 3.137               |   | 1  | Mar 25       | Mar 25 52.93                          |
| Jun 18           | 48.08 | 2.846            | Nov 21           | 52.77 | 3.216               | - | 1  | Apr 25       | 1                                     |
| Jul 18           | 48.23 | 2.876            | Dec 21           | 52.93 | 3.366               | - | 1  | May 25       | 1 1                                   |
| Aug 18           | 48.39 | 2.886            | Jan 22           | 52.93 | 3.511               |   |    | Jun 25       | 1 -                                   |
| Sep 18           | 48.56 | 2.869            | Feb 22           | 52.93 | 3.486               |   |    | Jul 25       | 1                                     |
| Oct 18           | 48.74 | 2.894            | Mar 22           | 52.93 | 3.424               | I |    | Aug 25       |                                       |
| lov 18           | 48.93 | 2.964            | Apr 22           | 52.93 | 3.164               | I |    | Sep 25       | J                                     |
| ec 18            | 49.13 | 3.109            | May 22           | 52.93 | 3.159               |   |    | Oct 25       | · · · · · · · · · · · · · · · · · · · |
| lan 19           | 49.23 | 3.224            | Jun 22           | 52.93 | 3.191               |   |    | Nov 25       |                                       |
| Feb 19           | 49.23 | 3.191            | Jul 22           | 52.93 | 3.229               |   |    | Dec 25       |                                       |
|                  | 49.33 | 3.191            |                  | 52.93 |                     | I |    |              |                                       |
| Mar 19           |       |                  | Aug 22           |       | 3.265               | ۱ |    | Jan 26       |                                       |
| Apr 19           | 49.56 | 2.839            | Sep 22           | 52.93 | 3.270               | l |    | Feb 26       | Feb 26 52.93                          |

49.70

49.86

49.94

50.05

50.18

50.33

50.49

50.66

2.828

2.857

2.892

2.905

2.891

2.908

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3.125

Oct 22

Nov 22

Dec 22

Jan 23

Feb 23

Mar 23

Apr 23

May 23

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3.341

Mar 26

Apr 26

May 26

Jun 26

Jul 26

Aug 26

Sep 26

Oct 26

52.93

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52.93

52.93

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52.93

52.93

4.171

3.866

3.851

3.886

3.931

3.971

3.986

4.041

May 19

Jun 19

Jul 19

Aug 19

Sep 19

Oct 19

Nov 19

Dec 19

<sup>\*</sup>August 1, 2016 Flow Date Posted Price

## Exhibit H DIVERSIFIED GAS & OIL PLC Professional Qualifications D. Randall Wright, President

I, D. Randall Wright, am the primary technical person in charge of the estimates of reserves and associated cash flow and economics on behalf of Wright & Company, Inc. (Wright) for the results presented in this report to Diversified Gas & Oil PLC. I have a Master of Science degree in Mechanical Engineering from Tennessee Technological University.

I am a qualified Reserves Estimator as set forth in the "Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information" promulgated by the Society of Petroleum Engineers. I am also qualified as a Competent Person (CP) as defined by the Alternative Investment Market (AIM). This qualification is based on more than 40 years of practical experience in the estimation and evaluation of petroleum reserves with Texaco, Inc., First City National Bank of Houston, Sipes, Williamson & Associates, Inc., Williamson Petroleum Consultants, Inc., and Wright which I founded in 1988.

I am a registered Professional Engineer in the state of Texas (TBPE #43291), granted in 1978, a member of the Society of Petroleum Engineers (SPE) and a member of the Order of the Engineer.

D. Randall Wright, P.E.

D. Kandall Wight.

TX Reg. No. F-12302

## Exhibit I DIVERSIFIED GAS & OIL PLC Confirmations

In accordance with your instructions, Wright & Company, Inc. (Wright) hereby confirms that:

- (a) Wright consents to the CPR to be issued into the public domain by DGO.
- (b) Wright accepts responsibility for the CPR and for any information sourced from the CPR. In accordance with Schedule Two to the AIM Rules (and paragraph 1.2 of Annex 1 of Appendix 3 to the Financial Conduct Authority's Prospectus Rules), Wright confirms, to the best of the knowledge and belief (having taken all reasonable care to ensure that such is the case), the information contained therein is in accordance with the facts and contains no omission likely to affect the import of such information;
- (c) Wright confirms that it is unaware of any material change in circumstances to those stated in the CPR;
- (d) D. Randall Wright, President of Wright, who supervised the evaluation, is professionally qualified and a member in good standing of the Society of Petroleum Engineers (SPE);
- (e) Wright has the relevant and appropriate qualifications, experience, and technical knowledge to professionally and independently appraise the assets of DGO, which we have reported on;
- (f) Wright considers that the scope of the CPR is appropriate and was prepared to a standard expected in accordance with the *Note on Mining and Oil & Gas Companies* issued by the London Stock Exchange;
- (g) Wright has at least five years relevant experience in the estimation, assessment, and evaluation of oil, gas, and other liquid hydrocarbons under consideration;
- (h) Wright is an independent petroleum consulting firm founded in 1988 and is independent of DGO and its directors, senior management and advisers, has no material interest in DGO or its properties and has acted as an independent competent person for the purposes of providing a report on the assets;
- (i) No employee, officer, or director of Wright is an employee, officer, or director of DGO, nor does Wright or any of its employees have direct financial interest in DGO. Neither the employment of nor the compensation received by Wright is contingent upon the values assigned or the opinions rendered regarding the properties covered by this CPR; and
- (j) Wright is not a sole practitioner.

## **PART VIII**

## ADDITIONAL INFORMATION

## 1. RESPONSIBILITY STATEMENT

The Company and the Directors, whose names and functions are set out on page 5 of this document, accept responsibility, both individually and collectively, for the information contained in this document including individual and collective responsibility for compliance with the AIM Rules. To the best of the knowledge of the Directors and the Company (who have taken all reasonable care to ensure that such is the case) the information contained in this document is in accordance with the facts and does not omit anything likely to affect the import of such information.

## 2. THE COMPANY

- 2.1 The Company was incorporated in England and Wales under the 2006 Act on 31 July 2014 with company number 09156132 as a public limited company. On 5 January 2015 the Company obtained a trading certificate pursuant to section 761 of the 2006 Act entitling it to do business and borrow.
- 2.2 The registered office of the Company is 27/28 Eastcastle Street, London W1W 8DH. The Company's website, which discloses the information required by Rule 26 of the AIM Rules for Companies is www. diversifiedgasandoil.com. The Company's trading address is 1100 Corporate Drive, Birmingham, Alabama 35242, USA. The Company's telephone number is +1-205-408-0909.
- 2.3 The principal activity of the Company is to act as a holding company. It acts as the holding company of the Group, whose principal activities are described more fully in Part II of this document. Details of the Company's subsidiaries are set out in paragraph 4 of this Part VIII.
- 2.4 The Company has no administrative, management or supervisory bodies other than the Board, the Remuneration Committee and Audit Committee, details of which are set out in Part II of this document.
- 2.5 The Company is governed by its Articles and the principal legislation under which the Company operates is the 2006 Act and the regulations made thereunder.
- 2.6 The Group's auditors are Crowe Clark Whitehill LLP, St Bride's House, 10 Salisbury Square, London, EC4Y 8EH. Crowe Clark Whitehill LLP is a member of the Institute of Chartered Accountants in England and Wales.
- 2.7 The accounting reference date of the Company is 31 December.
- 2.8 The International Security Identification Number or "ISIN" for the Ordinary Shares is GB00BYX7JT74.
- 2.9 The liability of the Shareholders is limited.
- 2.10 The Company is domiciled in England and Wales.

## 3. SHARE CAPITAL OF THE COMPANY

3.1 The issued fully paid up share capital of the Company before the Placing and Buyback Share Offer and as it is expected to be immediately following Admission, is as follows:

| Ordinary Shares                 | Aggregate nominal value | Number of Ordinary Shares |
|---------------------------------|-------------------------|---------------------------|
| Prior to Admission              | £ 442,104.81            | 44,210,481                |
| Immediately following Admission | £ 1,055,912.50          | 105,591,250               |

- 3.2 The Company does not have an authorised share capital. The Company was incorporated with a share capital of £50,000 divided into 5,000,000 Ordinary Shares of £0.01 each which were fully paid. The initial subscribers were Robert Hutson Jr. and Robert Post, each of whom subscribed for 2,500,000 Ordinary Shares.
- 3.3 The following Ordinary Shares in the Company were allotted on the following dates:
  - (a) on or around 10 June 2015: (i) 17,500,000 Ordinary Shares were issued to Robert Hutson Jr.; and (ii) 17,500,000 Ordinary Shares were issued to Robert Post in consideration for the transfer to the Company of the entire issued share capital of Diversified Gas & Oil Corporation pursuant to a share exchange agreement dated 10 June 2015 as more fully described in paragraph 12.20 of this document;

- (b) on 2 December 2015, 1,200,000 Ordinary Shares were issued to Martin Thomas for cash;
- (c) on 19 May 2016, 800,000 Ordinary Shares were issued to Martin Thomas for cash; and
- (d) on 24 October 2016, 2,210,481 Ordinary Shares were issued to Bradley Gray upon his joining the Company,

following which the share capital of the Company was £442,104.81 divided into 44,210,481 Ordinary Shares with a nominal value of £0.01 each.

The Ordinary Shares issued to Bradley Gray are subject to the terms of the Restricted Stock Agreement, as set out in paragraph 12.22 of this Part VIII.

- 3.4 On 29 January 2017, the Company adopted the Articles, conditional on Admission, which confer authority on the Directors:
  - (a) for the purposes of section 551 of the 2006 Act, to allot equity securities (as within the meaning of section 560 of the 2006 Act) of the Company conditional upon Admission:
    - (i) up to an aggregate nominal amount of £719,398.94 in pursuant to the Placing, the Buyback Share Offer and the Share Option Scheme; and
    - (ii) otherwise than pursuant to paragraph (i) above, up to an aggregate nominal value of £320,000,
    - such authorisation expiring on the date of the next annual general meeting of the Company; and
  - (b) in accordance with section 570 of the 2006 Act, to allot equity securities of the Company pursuant to the authority set out in (a) above as if the statutory pre-emption provisions set out in section 561 of the 2006 Act did not apply, provided that such authority shall be limited to:
    - (i) the issue of up to 71,939,894 new Ordinary Shares pursuant to the Placing, the Buyback Share Offer and the Share Option Scheme; and
    - (ii) otherwise than pursuant to (i) above, the issue of equity securities of the Company up to an aggregate nominal value of £116,150,

such authorisation expiring on the date of the next annual general meeting of the Company.

- 3.5 The number of Existing Ordinary Shares is 44,210,481. The Company will, pursuant to the Placing (and in accordance with the terms of the Placing Agreement), allot 61,000,000 Placing Shares at the Placing Price, conditionally upon Admission. In addition, the Company will allot 380,769 new Ordinary Shares pursuant to the Buyback Share Offer to Bondholders. Accordingly, immediately following Admission the issued share capital of the Company will increase to £105,591.25 divided into 105,591,250 Ordinary Shares.
- 3.6 The Placing Shares and the Bond Conversion Shares will, following allotment, rank pari passu in all respects with the Existing Ordinary Shares including the right to receive all dividends and other distributions hereafter declared, paid or made on the share capital of the Company.
- 3.7 The holders of Existing Ordinary Shares will be diluted by the issue of the Placing Shares and the Bond Conversion Shares. The effect of the issue of the Placing Shares (assuming that the Placing is fully subscribed by parties who are not holders of Existing Ordinary Shares) and the Bond Conversion Shares will be that holders of Existing Ordinary Shares at the date of this document will own 41.9 per cent. of the Enlarged Share Capital following Admission.

3.8 As more fully summarised in Part II of this document, the Company has issued Bonds as follows:

| Date of      |           |             |            | Cumulative | Cumulative |
|--------------|-----------|-------------|------------|------------|------------|
| announcement | Volume    | Par Value £ | Proceeds £ | volume     | proceeds £ |
| 24/06/2015   | 565,944   | 1           | 565,944    | 565,944    | 565,944    |
| 05/08/2015   | 640,000   | 1           | 640,000    | 1,205,944  | 1,205,944  |
| 15/10/2015   | 1,000,000 | 1           | 1,000,000  | 2,205,944  | 2,205,944  |
| 19/11/2015   | 1,000,000 | 1           | 1,000,000  | 3,205,944  | 3,205,944  |
| 23/12/2015   | 960,000   | 1           | 960,000    | 4,165,944  | 4,165,944  |
| 14/03/2016   | 1,000,000 | 1           | 1,000,000  | 5,165,944  | 5,165,944  |
| 17/03/2016   | 630,000   | 1           | 630,000    | 5,795,944  | 5,795,944  |
| 08/04/2016   | 927,300   | 1           | 927,300    | 6,723,244  | 6,723,244  |
| 14/04/2016   | 165,000   | 1           | 165,000    | 6,888,244  | 6,888,244  |
| 10/05/2016   | 15,200    | 1           | 15,200     | 6,903,444  | 6,903,444  |
| 11/05/2016   | 2,100,000 | 1           | 2,1000,000 | 9,003,444  | 9,003,444  |
| 17/05/2016   | 15,240    | 1           | 15,240     | 9,018,684  | 9,018,684  |
| 01/06/2016   | 420,000   | 1           | 420,000    | 9,438,684  | 9,438,684  |
| 23/06/2016   | 20,000    | 1           | 20,000     | 9,458,684  | 9,458,684  |
| 08/07/2016   | 16,200    | 1           | 16,200     | 9,474,884  | 9,474,884  |
| 28/07/2016   | 460,000   | 1           | 460,000    | 9,934,884  | 9,934,884  |
| 25/08/2016   | 30,000    | 1           | 30,000     | 9,964,884  | 9,964,884  |
| 02/09/2016   | 685,000   | 1           | 685,000    | 10,649,884 | 10,649,884 |

Source: Company

Robert Post and Rusty Hutson Jr. (being the only Directors holding Bonds) have accepted the Cash Alternative Offer in respect of their holding of, in aggregate, £432,000 of Bonds. The terms of the Bonds are summarised in paragraph 12.9 of this Part VIII.

- 3.9 Save as disclosed in this Part VIII, as at the date of this document:
  - (a) no shares in the capital of the Company or of any member of the Group are under option or are the subject of an agreement, conditional or unconditional, to be put under option;
  - (b) no shares in the capital of the Company have been issued, or are now proposed to be issued, otherwise than fully paid;
  - (c) there are no shares in the capital of the Company which do not represent capital;
  - (d) no person has any preferential subscription rights for any share capital of the Company;
  - (e) no commissions, discounts, brokerages or other special terms have been granted by the Company in connection with the issue or sale of any shares in the capital of the Company;
  - (f) the Company does not hold any of its own Ordinary Shares as treasury shares and none of the Company's subsidiaries hold any Ordinary Shares;
  - (g) the Company has no convertible debt securities, exchangeable debt securities or debt securities with warrants in issue; and
  - (h) there are no acquisition rights or obligations over the unissued share capital of the Company and there is no undertaking to increase the share capital of the Company.

## 4. SUBSIDIARIES

The Company has the following subsidiaries:

- 4.1 Diversified Gas and Oil Corporation was incorporated on 24 March 2014 in Delaware as a corporation. Its company federal employer identification number ("FEIN") is 46-5279721. Its business address is 1100 Corporate Drive, Birmingham, Alabama, 35242, United States and registered address is Corporation Trust Center, 1209 Orange Street, Wilmington, New Castle County, Delaware 1980, United States. Diversified Gas and Oil Corporation is wholly owned by the Company.
- 4.2 Diversified Resources, Inc. was incorporated on 7 June 2006 in West Virginia as a corporation. Its company FEIN is 86-1169388. Its business address is 1100 Corporate Drive, Birmingham, Alabama, 35242, United States and its registered agent and address is Scott E. Wilson, Waters, Warner & Harris P.O. Box 1716, Clarksburg WV26302–1716, United States. Diversified Resources, Inc is wholly owned by Diversified Gas and Oil Corporation.

- 4.3 M&R Investments, LLC was incorporated on 11 May 2006 in the State of West Virginia as a limited liability company. Its company FEIN is 77-0663329. Its business address is 1100 Corporate Drive, Birmingham, Alabama, 35242, United States and its registered agent and address is Robert R. Hutson Jr. P.O. Box 381087 Birmingham, AL 35238, United States. M&R Investments, LLC is wholly owned by Diversified Gas and Oil Corporation.
- 4.4 M&R Investments Ohio, LLC was incorporated on 14 May 2010 in the State of Ohio as a limited liability company. Its company FEIN is 27-2599239. Its business address is 1100 Corporate Drive, Birmingham, Alabama, 35242, United States and its registered agent and address is National Registered Agents Inc. 1300 East Ninth Street, Cleveland, Ohio 44114, United States. M&R Investments Ohio, LLC is wholly owned by Diversified Gas and Oil Corporation.
- 4.5 Marshall Gas & Oil Corporation was incorporated on 26 February 1996 in Etowah County, Alabama, as a corporation. Its company FEIN is 72-1351013. Its business address is 1100 Corporate Drive, Birmingham, Alabama, 35242, United States and its registered agent is Robert M. Post and address is 2286 Steel Station Road, Rainbow City, AL 35906, United States. Marshall Gas and Oil Corporation is wholly owned by Diversified Gas and Oil Corporation.
- 4.6 R&K Oil & Gas, Inc. was incorporated on 7 August 2001 in West Virginia as a corporation. Its company FEIN is 31-1793779. Its business address is 1100 Corporate Drive, Birmingham, Alabama, 35242, United States and the registered agent and address is Robert R. Hutson Jr. P.O. Box 381087 Birmingham, AL 35238, United States. R&K Oil and Gas, Inc. is wholly owned by Diversified Gas and Oil Corporation.
- 4.7 Fund 1 DR, LLC was incorporated on 15 January 2013 in Nevada as a limited liability company. Its company FEIN is 46-1790185. Its business address is 1100 Corporate Drive, Birmingham, Alabama, 35242, United States and the registered agent and address is The Corporation Trust Company of Nevada, 7015 Carson Street, Suite 200, Carson City, NV89701, United States. Fund 1 DR, LLC is wholly owned by Diversified Gas and Oil Corporation.
- 4.8 Diversified Oil & Gas LLC was incorporated on 12 February 2012 in Alabama as a limited liability company. Its company FEIN is 45-4551458. Its business address is 1100 Corporate Drive, Birmingham, Alabama, 35242, United States and the registered agent and address is Robert R. Hutson Jr., 251 Stonegate Drive, Birmingham, AL 35242, United States. Diversified Oil & Gas LLC is wholly owned by Diversified Gas and Oil Corporation.
- 4.9 Diversified Appalachian Group LLC was incorporated on 22 June 2016 in Alabama as a limited liability company. Its company FEIN is 81-3018961. Its business address is 1100 Corporate Drive, Birmingham, Alabama, 35242, United States and the registered agent and address is Robert R. Hutson Jr., 251 Stonegate Drive, Birmingham, AL 35242, United States. Diversified Gas & Oil LLC is wholly owned by Diversified Gas and Oil Corporation.

## 5. ARTICLES OF ASSOCIATION

- 5.1 The intention of the Company is to carry on business as a holding company of the Group.
- 5.2 The Articles which were adopted by the Shareholders, conditional on Admission, in their current amended and restated form pursuant to a resolution passed at a general meeting of the Company held on 29 January 2017, contain provisions which are summarised below in this paragraph 5:

## Liability of Shareholders

The liability of the Shareholders of the Company is limited to the amount, if any, unpaid on the Ordinary Shares held by them.

## Pre-emption

In certain circumstances, the Company's Shareholders may have statutory pre-emption rights under the 2006 Act in respect of the allotment of new Ordinary Shares in the Company. These statutory pre-emption rights would require the Company to offer new Ordinary Shares for allotment to existing Shareholders on a pro rata basis before allotting them to other persons. In such circumstances, the procedure for the exercise of such statutory pre-emption rights would be set out in the documentation by which such Ordinary Shares would be offered to the Company's Shareholders.

## Share Rights

Save as may be permitted by the 2006 Act, the Company shall not give financial assistance, whether directly or indirectly, for the purpose of the acquisition of any Ordinary Shares in the Company or its holding company (if any) or for reducing or discharging any liability incurred for the purpose of any such acquisition.

Subject to the 2006 Act and to the authority of the Company in an annual general meeting or a general meeting required by the 2006 Act, the Directors shall have unconditional authority to allot, grant options over, offer or otherwise deal with or dispose of any unissued Ordinary Shares of the Company to such persons, at such times and generally on such terms and conditions as the Directors may determine.

The Company may in connection with the issue of any Ordinary Shares exercise all powers of paying commission and brokerage conferred or permitted by the 2006 Act. Any such commission or brokerage may be satisfied in fully or partly paid Ordinary Shares in the Company, in which case, Sections 552 and 553 of the 2006 Act shall be complied with.

If two or more persons are registered as joint holders of any Ordinary Share, any one of such persons may give effectual receipts for any dividend or other moneys payable in respect of such Ordinary Share.

Subject to the provisions of the 2006 Act and to any rights conferred on the holders of any other Ordinary Shares, the Company may, with the sanction of a special resolution, issue Ordinary Shares which are to be redeemed or are liable to be redeemed at the option of the Company or of the Shareholder on such terms and in such manner as may be provided by the Articles save that the date on or by which, or dates between which, any such Ordinary Shares are to be or may be redeemed may be fixed by the Board (and if so fixed, the date or dates must be fixed before the Ordinary Shares are issued).

## Calls on Ordinary Shares

Subject to the terms of issue, the Board may from time to time make calls upon the Shareholders in respect of any amounts unpaid on their Ordinary Shares. Each Shareholder shall, subject to receiving at least 14 clear days' notice, pay to the Company the amount called on his Ordinary Shares. In the event of non-payment, interest shall be payable on the amount unpaid from the day it become due until paid.

## **Forfeiture**

If a Shareholder or person entitled by transmission fails to pay in full any call or instalment of a call on or before the day appointed for payment thereof, the Board may at any time thereafter serve a notice on him requiring payment of so much of the call or instalment as is unpaid, together with any interest and expenses which may have accrued.

The notice shall name a further day (not being less than 14 days from the date of service of the notice) on or before which, and the place where, the payment required by the notice is to be made, and shall state that in the event of nonpayment in accordance therewith the Ordinary Shares on which the call was made will be liable to be forfeited.

If the requirements of any such notice as aforesaid are not complied with, any Ordinary Share in respect of which such notice has been given may at any time thereafter, before payment of all calls and interest and expenses due in respect thereof has been made, be forfeited by a resolution of the Board to that effect. Such forfeiture shall include all dividends declared in respect of the forfeited Ordinary Share and not actually paid before forfeiture. The Board may accept a surrender of any Ordinary Share liable to be forfeited hereunder in lieu of forfeiture and the provisions of the Articles shall apply to any Ordinary Share so surrendered as if it had been forfeited.

Subject to the provisions of the 2006 Act, an Ordinary Share so forfeited or surrendered shall become the property of the Company and may be sold, reallotted or otherwise disposed of either to the person who was before such forfeiture or surrender the holder thereof or entitled thereto, or to any other person, upon such terms and in such manner as the Board shall think fit. At any time before a sale, reallotment or disposal the forfeiture or surrender may be cancelled on such terms as the Board may think fit. The Board may, if necessary, authorise some person to transfer a forfeited or surrendered Ordinary Share to any such other person as aforesaid.

A Shareholder whose Ordinary Shares have been forfeited or surrendered shall cease to be a Shareholder in respect of such Ordinary Shares (and shall surrender to the Company for cancellation the certificate for such Ordinary Shares), but shall notwithstanding the forfeiture or surrender remain liable to pay to the Company all

moneys which at the date of forfeiture or surrender were presently payable by him to the Company in respect of the Ordinary Shares with interest thereon at the prescribed rate. The Board may, if it thinks fit, waive the payment of all or part of such money and/or the interest payable thereon.

## Lien

The Company shall have a first and paramount lien on every Ordinary Share (not being a fully paid Ordinary Share) for all amounts payable to the Company (whether presently or not) in respect of that Ordinary Share. The Board may at any time, either generally or in any particular case, waive any lien that has arisen, or declare any Ordinary Share to be wholly or partly exempt from the lien. The Company's lien on an Ordinary Share shall extend to all dividends and other moneys payable in respect of it. The Company may sell, in such manner as the Board determines, any Ordinary Share on which the Company has a lien if a sum in respect of which the lien exists is presently payable and is not paid within 14 clear days after notice has been sent to the holder of the Ordinary Share, or to the person entitled to it by transmission, demanding payment and stating that if the notice is not complied with the Ordinary Share may be sold.

## Transfer of Shares

All transfers of Ordinary Shares which are in certificated form may be effected by an instrument of transfer in any usual form or any other form which the Board may approve, and shall be signed by or on behalf of the transferor and, unless the Ordinary Share is a fully paid Ordinary Share, the transferee. The transferor will be deemed to remain the holder of the Ordinary Share until the name of the transferee is entered in the register in respect of it.

All transfers of Ordinary Shares which are in uncertificated form shall be effected in accordance with the CREST Regulations.

The Board may, in its absolute discretion and without giving any reason, decline to register the transfer of a certificated Ordinary Share which is not fully paid, provided that, in the case of a class of Ordinary Shares which have been admitted to trading on AIM, the refusal does not prevent dealings from taking place on an open and proper basis. The Board may also decline to register the transfer of a certificated Ordinary Share unless the instrument of transfer is (i) lodged, duly stamped (if stampable), at the place where the register of members of the Company is kept accompanied by the certificate for the Ordinary Share to which it relates and such other evidence as the Board may reasonably require to show the right of the transferor to make the transfer; (ii) in respect of only one class of Ordinary Shares; and (iii) is in favour of not more than four transferees.

The Board may decline to register a transfer of an uncertificated Ordinary Share in the circumstances set out in the CREST Regulations, and where, in the case of a transfer to joint holders, the number of joint holders to whom the uncertificated Ordinary Share is to be transferred exceeds four.

In addition, the Board may also refuse to register a transfer of any Ordinary Share (whether a certificated Ordinary Share or not and whether fully paid or not):

- (a) to an entity which is not a natural or legal person;
- (b) to a minor, to a person in respect of whom a receiving order or adjudication order in bankruptcy has been made which remains undischarged or to a person who is then suffering from mental disorder and where (i) a registered medical practitioner who is treating him gives a written opinion to the Company stating that he has become physically or mentally incapable of acting as a Shareholder and may remain so for more than three months; or (ii) he is or has been suffering from mental or physical ill health and the Board shall resolve that he be disqualified.

If the Board declines to register a transfer, it shall send the transferee notice of its refusal within two months after the date on which the instrument of transfer was lodged with the Company or the instructions of the Operator (as defined in the CREST Regulations) were received.

No fee shall be charged for the registration of any instrument of transfer or other document relating to or affecting the title to an Ordinary Share.

Subject to the provisions of the CREST Regulations, the Board may permit title to Ordinary Shares of any class to be evidenced otherwise than by a certificate and title to Ordinary Shares of such class to be transferred by means of a relevant system, and subject to the CREST Regulations may cancel such permission.

## Failure to Disclose Interests in Ordinary Shares

If any Shareholder, or any other person appearing to be interested in Ordinary Shares held by such Shareholder, shall have been duly served with a notice under section 793 of the 2006 Act and has failed in relation to any Ordinary Shares (the "default Ordinary Shares") to give the Company the information thereby required within the prescribed period from the date of notice, the following sanctions shall apply:

- (a) the Shareholder shall not be entitled in respect of the default Ordinary Shares or any other Ordinary Shares held by the Shareholder to attend and vote either personally or by proxy at any general meeting of the Company or to exercise any other right conferred on Shareholders in relation to any such meeting or poll; and
- (b) where the default Ordinary Shares represent at least 0.25 per cent. in nominal value of their class the Board may direct that:
  - (i) any dividend or other money payable in respect of the default Ordinary Shares shall be retained by the Company without any liability to pay interest on it and the Shareholder shall not be entitled to elect in the case of a scrip dividend to receive Ordinary Shares instead of that dividend; and
  - (ii) the Shareholder shall not be entitled to transfer any of such Ordinary Shares unless required by the CREST Regulations or by way of an approved transfer, which is a transfer (1) by way of sale of the whole beneficial interest to an unconnected third party, or (2) which results from a sale made through a recognised investment exchange or any other stock exchange outside the United Kingdom on which the Company's Ordinary Shares are normally traded, or (3) pursuant to an acceptance of a takeover offer.

The above restrictions shall continue until either the default is remedied or the Ordinary Shares are the subject of an approved transfer. Any dividends withheld shall be paid to the Shareholder as soon as practicable after the above restrictions lapse.

## Alterations to Capital

Except as otherwise provided by or pursuant to the Articles or by the conditions of issue, any new Ordinary Share capital shall be considered as part of the existing Ordinary Share capital, and shall be subject to the same provisions with reference to the payment of calls, transfer, transmission, forfeiture, lien and otherwise as the existing Ordinary Share capital.

The Company may from time to time by ordinary resolution:

- cancel any Ordinary Shares which at the date of the passing of the resolution have not been taken or agreed to be taken by any person and diminish the amount of its Ordinary Share capital by the amount of the Ordinary Shares so cancelled;
- (b) subdivide its Ordinary Shares, or any of them, into Ordinary Shares of smaller amount than its existing Ordinary Shares, subject nevertheless to the provisions of Section 618(2) of the 2006 Act and so that the resolution whereby any Ordinary Share is subdivided may determine that, as between the holders of the Ordinary Shares resulting from such subdivision, one or more of the Ordinary Shares may have any such preferred or other special rights over, or may have such deferred rights, or be subject to any such restrictions, as compared with the others, as the Company has power to attach to unissued or new Ordinary Shares.

Upon any consolidation of fully paid Ordinary Shares into Ordinary Shares of larger amount the Board may settle any difficulty which may arise with regard thereto and in particular may, as between the holders of Ordinary Shares so consolidated, determine which Ordinary Shares are consolidated into each consolidated Ordinary Share and in the case of any Ordinary Shares registered in the name of one Shareholder being consolidated with Ordinary Shares registered in the name of another Shareholder the Board may make such arrangements for the allotment, acceptance and/or sale of Ordinary Shares representing fractional entitlements to the consolidated Ordinary Share or for the sale of the consolidated Ordinary Share and may sell the fractions or the consolidated Ordinary Share either upon the market or otherwise to such person at such time and at such price as it may think fit and shall distribute the net proceeds of sale among such Shareholders rateably in accordance with their rights and interests in the consolidated Ordinary Share or the fractions and for the purposes of giving effect to any such sale the Board may, in respect of certificated Ordinary Shares, appoint some person to transfer the Ordinary Shares or fractions sold to any purchaser

thereof and such appointment and any transfer executed in pursuance thereof shall be effective and, in respect of uncertificated Ordinary Shares, may authorise any person to transfer such Ordinary Shares or fractions sold to any purchaser thereof in accordance with the facilities and requirements of the relevant system concerned and any transfer executed in pursuant thereof shall be effective. Provided that the Board shall have power when making such arrangements to determine that no Shareholder shall be entitled to receive such net proceeds of sale unless his entitlement exceeds such amount as the Board shall determine and if the Board exercises such power, the net proceeds of sale not distributed to Shareholders as a result shall belong absolutely to the Company. For the purposes of the Articles, any Ordinary Shares representing fractional entitlements to which any Shareholder would, but for the Articles, become entitled may be issued in certificated form or uncertificated form.

The Articles do not prevent the Company from purchasing its own Ordinary Shares in accordance with the provisions of the 2006 Act.

## Variation of rights

Subject to the provisions of the 2006 Act, if at any time the capital of the Company is divided into different classes of Ordinary Shares, rights attached to any class of Ordinary Shares may be varied or abrogated either with the written consent of the holders of not less than three-quarters in nominal value of the issued Ordinary Shares of that class (excluding any Ordinary Shares of that class held as treasury Ordinary Shares), or with the sanction of a special resolution passed at a separate general meeting of the holders of those Ordinary Shares.

## **Annual General Meetings**

An annual general meeting of the Company shall be held in each year in addition to any other meetings which may be held in that year, and such meeting shall be specified as the annual general meeting in the notices calling it. Subject to the provisions of the 2006 Act, the annual general meeting shall be held at such time and place as the Directors shall appoint.

## General Meetings

The Directors may convene a general meeting of the Company whenever they think fit and general meetings shall also be convened on such requisition, by Shareholders as provided by the 2006 Act, whereupon the Directors shall forthwith proceed to convene a general meeting in accordance with the requirements of the 2006 Act. If at any time there are not sufficient Directors capable of acting to form a quorum of the Directors, any Director or any two Shareholders of the Company may convene a general meeting in the same manner as nearly as possible as that in which meetings may be convened by the Directors.

Two persons entitled to vote upon the business to be transacted, each being a Shareholder or a proxy for a Shareholder or a duly authorised representative of a corporation which is a Shareholder, shall be a quorum. In calculating whether a quorum is present for the purposes of the Articles, if two or more persons are appointed as proxies for the same Shareholder or two or more persons are appointed as corporate representatives of the same corporate Shareholder, only one of such proxies or one of such corporate representatives shall be counted.

At least 21 clear days' notice of every annual general meeting and at least 14 clear days' notice of every general meeting shall be given in the manner hereinafter mentioned to such Shareholders as are under the provisions of the Articles entitled to receive such notices from the Company and to the auditors of the Company. Every notice of meeting shall specify the place, day and hour of meeting and, in the case of special business, the general nature of such business and shall also state with reasonable prominence that a Shareholder entitled to attend and vote at the meeting is entitled to appoint one or more proxies to attend and to speak and to vote instead of him (provided that, where more than one proxy is appointed, each proxy is appointed to exercise the rights attached to a different Ordinary Share or Ordinary Shares) and that a proxy need not also be a Shareholder. In the case of a meeting convened for passing a special resolution, the notice shall specify the intention to propose the resolution as a special resolution. Subject to the provisions of the Articles, to the rights attaching to any class of Ordinary Shares and to any restrictions imposed on any holder, notice shall be given to all Shareholders, the Directors and the auditors.

## Voting Rights

Subject to any special terms as to voting upon which any Ordinary Shares may be issued, or may for the time being be held:

- (a) upon a show of hands:
  - (i) every Shareholder who (being an individual) is present in person or (being a corporation) is present by a duly authorised representative and in each case is entitled to vote shall have one vote:
  - (ii) every proxy present who has been duly appointed by a Shareholder shall have one vote; and
  - (iii) every corporate representative present who has been duly authorised by a corporation shall have the same voting rights as the corporation would be entitled to; and
- (b) upon a poll, every Shareholder present in person or by proxy and entitled to vote shall have one vote for every Ordinary Share held by him and a person entitled to more than one vote need not, if he votes, use all his votes or cast all the votes he uses in the same way.

In the case of joint Shareholders, the person whose name stands first in the register of members and who votes in person or by proxy is entitled to vote to the exclusion of all other joint holders.

No member shall be entitled to vote at any general meeting unless all moneys presently payable by him in respect of Ordinary Shares in the Company have been paid.

## City Code

If at any time when the City Code does not apply to the Company, a person (together with any persons held to be acting in concert with him) acquires any interest in Ordinary Shares in the Company which would have obliged them to extend an offer (a "mandatory offer") to the holders of all other Ordinary Shares in the Company had the City Code applied, the Directors have the discretion (but not the obligation) to disenfranchise such person until a compliant mandatory offer is made.

## **Directors**

Until otherwise determined by an annual general meeting or a general meeting, the number of Directors (other than alternate directors) shall not be less than two. The Company may by ordinary resolution from time to time vary the minimum and maximum number of Directors.

The Board may from time to time and at any time appoint any other person to be a Director either to fill a casual vacancy or by way of addition to the Board. A Director so appointed shall hold office only until the annual general meeting following next after his appointment, when he shall retire, but shall then be eligible for reelection.

There shall be paid out of the funds of the Company to the Directors of the Company (other than Directors appointed to an executive office or alternate directors) such remuneration (by way of fee) for their services to the Company as the Directors may determine, such sum to be deemed to accrue from day to day and to be divided among such Directors (other than Directors appointed to an executive office or alternate directors) in such proportion and manner as they may agree or, in default of agreement, equally provided that any such Director holding the office of non-executive Director for part of a year shall unless otherwise agreed be entitled only to a proportionate part of such remuneration, save that unless otherwise approved by ordinary resolution of the Company in annual general meeting or general meeting the aggregate of the remuneration (by way of fee) of all the Directors (other than Directors appointed to an executive office or alternate directors) shall not exceed £250,000 per annum. The Company may by ordinary resolution increase the amount of the fees payable under the Articles either permanently or for a year or longer term.

The Directors shall be entitled to be repaid all travelling, hotel and other incidental expenses properly incurred by them respectively in and about the performance of their duties as a Director.

## Interests of Directors

Provided he has declared his interest in accordance with the Articles, a Director may hold any other office or place of profit under the Company (except that of auditor) in conjunction with his office of Director and subject to Section 188 of the 2006 Act on such terms as to remuneration and otherwise as the Board shall arrange.

Without prejudice to the requirements of the 2006 Act:

- a Director who is in any way, whether directly or indirectly, interested in a proposed transaction or arrangement with the Company shall declare the nature and extent of his interest to the other Directors before the Company enters into the transaction or arrangement;
- (b) a Director who is in any way, whether directly or indirectly, interested in a transaction or arrangement that has been entered into by the Company shall declare the nature and extent of his interest to the other Directors as soon as is reasonably practicable, unless the interest has already been declared under (a) above;
- (c) any declaration required by (a) above may (but need not) be made at a meeting of the Directors or by notice in writing in accordance with Section 184 of the 2006 Act or by general notice in accordance with Section 185 of the 2006 Act. Any declaration required by (b) above must be made at a meeting of the Directors or by notice in writing in accordance with Section 184 of the 2006 Act or by general notice in accordance with Section 185 of the 2006 Act;
- (d) a Director need not declare an interest under the Articles if:
  - (i) it cannot reasonably be regarded as likely to give rise to a conflict of interest;
  - (ii) or to the extent that the other Directors are already aware of it (and for this purpose the other Directors are treated as aware of anything of which they ought reasonably to be aware);
  - (iii) or to the extent that it concerns terms of his service contract that have been or are to be considered by a meeting of the Directors or by a committee of the Directors appointed for the purpose under these articles; or
  - (iv) the Director is not aware of his interest or is not aware of the transaction or arrangement in question (and for this purpose a Director is treated as being aware of matters of which he ought reasonably to be aware).

Subject to the provisions of the 2006 Act and provided that he has declared to the Board the nature and extent of any direct or indirect interest of his in accordance with the Articles (or where no declaration of interest is required) a Director notwithstanding his office:

- (a) may be a party to, or otherwise be interested in, any transaction or arrangement with the Company or in which the Company is directly or indirectly interested;
- (b) may act by himself or through his firm in a professional capacity for the Company (otherwise than as auditor), and in any such case on such terms as to remuneration and otherwise as the Board may decide; or
- (c) may be a Director or other officer of, or employed by, or a party to any transaction or arrangement with, or otherwise be interested in, any body corporate in which the Company is directly or indirectly interested.

For the purposes of Section 175 of the 2006 Act, the Board may authorise any matter proposed to it in accordance with the Articles which would, if not so authorised, involve a breach of duty by a Director under that Section, including, without limitation, any matter which relates to a situation in which a Director has, or can have, an interest which conflicts, or possibly may conflict, with the interests of the Company. Any such authorisation will be effective only if: (i) any requirement as to quorum at the meeting at which the matter is considered is met without counting the Director in question or any other interested Director; and (ii) the matter was agreed to without their voting or would have been agreed to if their votes had not been counted.

A Director shall be under no duty to the Company with respect to any information which he obtains or has obtained otherwise than as a Director of the Company and in respect of which he owes a duty of confidentiality to another person. However, to the extent that his relationship with that other person gives rise to a conflict or possible conflict of interest, this provision applies only if the existence of that relationship has been authorised by the Board pursuant to the Articles. In particular, the Director shall not be in breach of the general duties he owes to the Company by virtue of Sections 171 to 177 of the 2006 Act because he fails: (i) to disclose any such information to the Board or to any Director or other officer or employee of the Company; or (ii) to use or apply any such information in performing his duties as a Director of the Company.

Where the existence of a Director's relationship with another person has been authorised by the Board pursuant to the Articles and his relationship with that person gives rise to a conflict of interest or possible conflict of interest, the Director shall not be in breach of the general duties he owes to the Company by virtue of Sections 171 to 177 of the 2006 Act because he: (i) absents himself from meetings of the Board at which any matter relating to the conflict of interest or possible conflict of interest will or may be discussed or from the discussion of any such matter at a meeting or otherwise; and/or (ii) makes arrangements not to receive documents and information relating to any matter which gives rise to the conflict of interest or possible conflict of interest sent or supplied by the Company and/or for such documents and information to be received and read by a professional adviser for so long as he reasonably believes such conflict of interest (or possible conflict of interest) subsists.

Save as provided in the Articles, a Director shall not vote in respect of any contract or arrangement or any other proposal whatsoever in which he has any interest which (together with any interest of any person connected with him) is to his knowledge a material interest otherwise than by virtue of his interests in Ordinary Shares or debentures or other securities of or otherwise through the Company or in respect of which he has any duty which conflicts with his duty to the Company. A Director shall not be counted in the quorum at a meeting in relation to any resolution in respect of which he is debarred from voting.

A Director shall not, by reason of his office, be accountable to the Company for any remuneration or other benefit which he derives from any office or employment or from any transaction or arrangement or from any interest in any body corporate: (i) the acceptance, entry into or existence of which has been authorised by the Board pursuant to the Articles (subject, in any such case, to any terms upon which such authorisation was given); or (ii) which he is permitted to hold or enter into pursuant to the Articles, nor shall the receipt of any such remuneration or other benefit constitute a breach of his duty under Section 176 of the 2006 Act. No transaction or arrangement authorised or permitted pursuant to the Articles shall be liable to be avoided on the ground of any such interest or benefit.

A Director shall (in the absence of some other interest than is indicated below) be entitled to vote (and be counted in the quorum) in respect of any resolution concerning any of the following matters namely:

- (a) the giving of any security, guarantee or indemnity to him in respect of money lent or obligations incurred by him at the request of or for the benefit of the Company or any of its subsidiaries;
- (b) the giving of any security, guarantee or indemnity to a third party in respect of a debt or obligation of the Company or any of its subsidiaries for which he himself has assumed responsibility in whole or in part under a guarantee or indemnity or by the giving of security;
- (c) any proposal concerning an offer of Ordinary Shares or debentures or other securities of or by the Company or any of its subsidiaries for subscription or purchase in which offer he is or may be entitled to participate as a holder of securities or in which he is or is to be interested as a participant in the underwriting or subunderwriting thereof;
- (d) any proposal concerning any other company in which he is interested (as defined in the 2006 Act) directly or indirectly and whether as an officer or Shareholder or otherwise howsoever: provided that he (together with any person connected with him within the meaning of Section 252 of the 2006 Act) is not the holder or beneficially interested in 1% or more of any class of the equity Ordinary Share capital of such company (or of any third company through which his interest is derived) or of the voting rights available to Shareholders of the relevant company (any such interest being deemed for the purpose of the Articles to be a material interest in all circumstances);
- (e) any proposal concerning the adoption modification or operation of a superannuation fund or retirement, death or disability benefits scheme or employees' Ordinary Share scheme under which he may benefit and which has been approved by or is subject to and conditional upon approval by the Board of Inland Revenue for taxation purposes and which does not award him any privilege or benefit not awarded to the employee to whom the scheme relates;
- (f) any contract arrangement or proposal for the benefit of employees of the Group under which the Director benefits in a similar manner as the employees and does not accord to any Director as such any privilege or advantage not generally accorded to the employees to which such contract arrangement or proposal relates;

(g) an insurance arrangement which subject to the provisions of the 2006 Act the Company proposes to maintain or purchase for the benefit of a Director or for the benefit of any persons including Directors against liabilities incurred in connection with the discharge of that Director's duties or exercise of his powers in relation to his duties in respect of the Company.

Where proposals are under consideration concerning the appointment (including fixing or varying the terms of appointment) of two or more Directors to offices or employments with the Company or any company in which the Company is interested such proposals may be divided and considered in relation to each Director separately and in such cases each of the Directors concerned (if not debarred from voting under the Articles) shall be entitled to vote (and be counted in the quorum) in respect of each resolution except that concerning his own appointment.

If any question shall arise at any meeting as to the materiality of a Director's interest or as to the entitlement of any Director to vote and such question is not resolved by his voluntarily agreeing to abstain from voting, such question shall be determined by a majority of votes of the remaining Directors present at the meeting and in the case of an equality of votes the Chairman (unless he be the Director the materiality of whose interest or the entitlement of whom to vote shall be in issue) shall have a second or casting vote and their ruling in relation to any other Director shall be final and conclusive except in a case where the nature or extent of the interests of the Director concerned have not been fairly disclosed and pending such ruling Article 20.8 shall apply to the Director in question.

Subject to the 2006 Act, the Company may by ordinary resolution suspend or relax to any extent, in respect of any particular matter, any provision of the Articles prohibiting a Director from voting at a meeting of the Board or of a committee of the Board.

## Managing and other Executive Directors

Subject to the 2006 Act, the Board may from time to time appoint one or more of its body to be the holder of any executive office, including the office of Managing or Joint or Assistant Managing Director, on such terms and for such period as it may determine.

The appointment of any Director to any executive office shall be capable of being terminated by the Board at any time, unless the contract or resolution under which he holds office shall expressly state otherwise, but without prejudice to any claim he may have for damages for breach of any contract of service between him and the Company.

A Director holding any executive office shall receive such remuneration, whether in addition to or in substitution for his ordinary remuneration as a Director and whether by way of salary, commission, participation in profits or otherwise as the remuneration committee (if established) or the Board (if no remuneration committee is in existence at the time) may determine.

## Powers of Directors

The business of the Company shall be managed by the Board, which may exercise all such powers of the Company and do on behalf of the Company all such acts as may be exercisable and done by the Company, and as are not by the 2006 Act or by the Articles required to be exercised or done by the Company in an annual general meeting or a general meeting, subject nevertheless to any regulations of the Articles, to the provisions of the 2006 Act, and to such regulations being not inconsistent with the aforesaid regulations or provisions as may be prescribed by the Company in an annual general meeting or a general meeting but no regulation made by the Company in an annual general meeting or a general meeting shall invalidate any prior act of the Board which would have been valid if such regulation had not been made. The general powers given by the Articles shall not be limited or restricted by any special authority or power given to the Directors by any other Article.

The Board may delegate any of its powers, authorities and discretions (with power to sub-delegate) for such time on such terms and subject to such conditions as it thinks fit to any committee consisting of two or more Directors and (if thought fit) one or more other persons, provided that: (i) a majority of the Shareholders of a committee shall be Directors; and (ii) no resolution of a committee shall be effective unless a majority of those present when it is passed are Directors or alternate Directors.

The Board may establish and maintain any employees' Ordinary Share scheme Ordinary Share option or Ordinary Share incentive scheme approved by ordinary resolution whereby selected employees of the Company or of any company which is a subsidiary of the Company are given the opportunity of acquiring

Ordinary Shares in the capital of the Company on the terms and subject to the conditions set out in such scheme and establish and (if any such scheme so provides) contribute to any scheme for the purchase by or transfer allotment or issue to trustees of Ordinary Shares in the Company or its holding company to be held for the benefit of employees (including Directors and officers) of the Company and subject to the 2006 Act lend money to such trustees or employees to enable them to purchase such Ordinary Shares provided that if any Ordinary Shares are to be issued to employees or trustees under the provisions of any such scheme pursuant to which the rights attaching to such Ordinary Shares shall be altered or varied then any such scheme shall be approved by special resolution and the Articles shall be deemed to be altered so far as appropriate by the special resolution approving such scheme.

## Powers of Borrowing and Mortgaging

The Board may exercise all the powers of the Company to borrow money, and to mortgage or charge all or part of its undertaking, property and assets both present and future, including uncalled capital, and subject to the provisions of Section 549 of the 2006 Act to issue debentures, and other securities, whether outright or as collateral security for any debt, liability or obligation of the Company or of any third party.

The Board may mortgage or charge all or any part of the Company's undertaking, property and uncalled capital and subject to Section 549 of the 2006 Act may issue or sell any bonds, loan notes, debentures or other securities whatsoever for such purposes and upon such terms as to time of repayment, rate of interest, price of issue or sale, payment of premium or bonus upon redemption or repayment or otherwise as it may think proper including a right for the holders of bonds, loan notes, debentures or other securities to exchange the same for Ordinary Shares in the Company of any class authorised to be issued.

#### Rotation, Retirement and Removal of Directors

The office of a Director shall be vacated if:

- (a) he ceases to be a Director by virtue of any provision of the 2006 Act or he becomes prohibited by law from being a Director; or
- (b) he becomes bankrupt or makes any arrangement or composition with his creditors generally; or
- (c) a registered medical practitioner who is treating him gives a written opinion to the Company stating that he has become physically or mentally incapable of acting as a Director and may remain so for more than three months; or
- (d) he is or has been suffering from mental or physical ill health and the Board shall resolve that he be disqualified; or
- (e) in the case of a Director holding executive office subject to the terms of any contract between him and the Company, he resigns his office by notice in writing to the Company; or
- (f) he shall for more than 6 consecutive months have been absent without permission of the Board from meetings of the Board held during that period and the Board shall resolve that his office be vacated; or
- (g) he shall be removed from office by notice in writing served on him signed by all his coDirectors but so that if he holds an appointment to an executive office which thereby automatically determines such removal shall be deemed an act of the Company and shall have effect without prejudice to any claim for damages for breach of any contract of service between him and the Company; or
- (h) he shall be removed from office by ordinary resolution of the Company in an annual general meeting or general meeting in accordance with the 2006 Act.

At the annual general meeting in every year one third of the Directors for the time being or if their number is not a multiple of 3 then the number nearest to but not exceeding 33.3% shall retire from office: provided always that if in any year the number of Directors (other than those retiring as aforesaid) is two, one of such Directors shall retire, and if in any year there is only one Director (other than those retiring as aforesaid) that Director shall retire.

The Directors to retire at the annual general meeting in every year shall include (so far as necessary to obtain the number required) any Director who wishes to retire and not to offer himself for re-election. Any further Directors so to retire shall be the Directors who have been longest in office since their last election. As between Directors of equal seniority, the Directors to retire shall in the absence of agreement be selected from among them by lot. A retiring Director shall be eligible for reelection and shall act as a Director throughout the meeting at which he retires.

The Company at the meeting at which a Director retires in the manner aforesaid, may fill the vacated office by electing a person thereto, and in default the retiring Director shall, if offering himself for reelection be deemed to have been reelected, unless at such meeting it is expressly resolved not to fill such vacated office or unless a resolution for the reelection of such Director shall have been put to the meeting and lost.

In addition to any power of removal conferred by the 2006 Act, the Company may by ordinary resolution remove any Director before the expiration of his period of office, and may (subject to the Articles) by ordinary resolution appoint another Director in his place. A person appointed in place of a Director so removed shall be subject to retirement at the same time as if he had become a Director on the day on which the Director in whose place he is appointed was last elected a Director.

## Proceedings of the Board

The Board or any committee of the Board may meet for the despatch of business, adjourn and otherwise regulate its meetings as it thinks fit, and determine the quorum necessary for the transaction of business. Meetings of the Board or of any committee of the Board may take place in any part of the world and may take place via telephonic communication, video conference or similar means of communication notwithstanding that the Directors or committee present may not all be meeting in one particular place. Unless otherwise determined by the Board two Directors shall be a quorum. For the purposes of the Articles an alternate Director shall be counted in a quorum but so that not less than two persons shall constitute the quorum.

Questions arising at any meeting of the Board or any committee of the Board shall be decided by a majority of votes. In the case of an equality of votes the Chairman shall have a second or casting vote.

The Board shall cause proper minutes to be made of all annual general meetings and general meetings of the Company and also of all appointments of officers and of the proceedings of all meetings of the Board and committees of the Board, and of the attendances thereat, and all business transacted at such meetings, and any such minutes of any meeting, if purporting to be signed by the Chairman of such meeting, or by the Chairman of the next succeeding meeting of the Company or of the Board or committee, shall be conclusive evidence without any further proof of the facts therein stated.

A proposed Directors' resolution in writing must be sent to all the Directors for the time being entitled to receive notice of a meeting of the Board. A resolution in writing signed by all the Directors who would have been entitled to vote on the matter had it been proposed as a resolution at a Directors' meeting (provided that those Directors would have formed a quorum at such meeting) shall be as effective for all purposes as a resolution passed at a meeting of the Board duly convened and held and so that any such resolution or document signed by an alternate Director shall be deemed to have been signed by the Director who appointed such alternate Director.

Any resolution in writing for the purposes of the Articles may consist of several documents in the like form each signed by or on behalf of one or more of the relevant Directors and any such document may be in the form of a fax or in any other legible form sent by any other similar method of transmission or by electronic communications. Unless the contrary shall be proved, any such document shall be deemed to be duly and validly signed by the person or persons purporting to sign the same and whose name appears in the text as the person signing the same. Where electronic communications are used, no signature is necessary, subject to any terms and conditions the Board may decide.

A meeting of the Board or a committee of the Board may consist of a conference between Directors some or all of whom are in different places, if, when the meeting proceeds to business, it appears that the following conditions are satisfied in relation to sufficient Directors to form a quorum: (i) each such Director can hear every other Director addressing the meeting; and (ii) each such Director can, if he wishes, address every other Director simultaneously, whether by word of mouth, by conference telephone, video conference or by any other form of communications equipment (whether in use at the date of the adoption of the Articles or developed subsequently) or by a combination of these methods. Such a meeting is deemed to take place at the place where the largest number of participating Directors is assembled or, if this is not readily identifiable, at the location at which the Chairman of the meeting participates.

#### Dividends

The Company may by ordinary resolution declare dividends in accordance with the respective rights of the Shareholders, but no dividend shall exceed the amount recommended by the Board. Except as otherwise provided by the rights and restrictions attached to any class of Ordinary Shares, all dividends will be declared

and paid according to the amounts paid up on the Ordinary Shares on which the dividend is paid, but no amount paid on an Ordinary Share in advance of calls shall be treated for these purposes as paid up on the Ordinary Share. Dividends may be declared or paid in any currency. The Board may pay interim dividends if it appears to the Board that they are justified by the financial position of the Company. The Board may also pay at intervals determined by it any dividend at a fixed rate if the financial position of the Company, in the opinion of the Board, justifies the payment.

Where, in respect of any Ordinary Shares, any member or any other person appearing to be interested in Ordinary Shares of the Company fails to comply with any notice given by the Company under section 793 of the 2006 Act, then, provided that the Ordinary Shares concerned represent at least 0.25 per cent. in nominal amount of the issued Ordinary Shares of the relevant class, the Company may retain dividends on such Ordinary Shares.

Any dividend which has remained unclaimed for 12 years from the date when it became due for payment shall, if the Board so resolves, be forfeited and cease to remain owing by the Company.

The Board may, if authorised by an ordinary resolution of the Company, offer any holder of Ordinary Shares the right to elect to receive Ordinary Shares by way of scrip dividend instead of cash in respect of the whole (or some part, to be determined by the Board) of any dividend.

#### **Untraced Shareholders**

The Company shall be entitled to sell at the best price reasonably obtainable any shares of a member, or any shares to which a person is entitled by transmission, who has remained untraced for 12 years immediately prior to the date of the publication of an advertisement of an intention by the Company to make such a disposal.

#### Winding Up

If the Company shall be wound up (whether the liquidation is altogether voluntary, under supervision or by the UK Court) the liquidator may, with the authority of a special resolution and any other sanction or authority required by the 2006 Act or the Insolvency Act 1986, divide among the Shareholders in proportion to their Ordinary Shareholdings in specie the whole or any part of the assets of the Company, and whether or not the assets shall consist of property of one kind or shall consist of properties of different kinds, and may for such purposes set such value as he deems fair upon any one or more class or classes of property, and may determine how such division shall be carried out as between the Shareholders or different classes of Shareholders. The liquidator may, with the like authority, vest the whole or any part of the assets in trustees upon such trusts for the benefit of Shareholders as the liquidator shall think fit, and the liquidation of the Company may be closed and the Company dissolved, but so that no Shareholder shall be compelled by the liquidator to accept any assets in respect of which there is attached a liability or potential liability.

#### Indemnity

Subject always to the provisions of the 2006 Act, and without prejudice to any protection from liability which may otherwise apply, the Company may, at its discretion and subject to any policies adopted by the Directors from time to time, indemnify every Director or other officer or auditor of the Company out of the assets of the Company against all costs, charges, losses, expenses and liabilities which he may sustain or incur in relation to the Company in or about the actual or purported execution of the duties of his office or the exercise or purported exercise of his powers or otherwise in relation thereto, including any liability incurred by him in defending any criminal or civil proceedings, provided that no such indemnity shall be provided in respect of any liability incurred:

- (i) by a Director:
  - (i) to the Company or any associated company of the Company;
  - (ii) to pay a fine imposed in any criminal proceedings or a penalty imposed by a regulatory authority for non-compliance with any requirement of a regulatory nature (however arising);
  - (iii) in defending any criminal proceedings in which he is convicted;
  - (iv) in defending any civil proceedings brought by the Company, or an associated company of the Company, in which judgement is given against him; or

- (v) in connection with any application for relief under sections 661(3) or (4) or 1157 of the Companies Act 2006 in which the court refuses to grant him relief; or
- by an auditor in defending any proceedings (whether civil or criminal) in which judgment is given against him or he is convicted.

The Directors shall also have power to purchase and maintain insurance for or for the benefit of any persons who are or were at any time Directors, officers or employees of the Company, or of any other company in which the Company or any of the predecessors of the Company has any interest whether direct or indirect or which is in any way allied to or associated with the Company, or of any subsidiary undertaking of the Company or of any such other company, or who are or were at any time trustees of any pension fund in which employees of the Company or of any such other company or subsidiary undertaking are interested, including, (without prejudice to the generality of the foregoing) insurance against any liability incurred by such persons in respect of any act or omission in the actual or purported execution and/or discharge of their duties and/or in the exercise or purported exercise of their powers and/or otherwise in relation to their duties, powers or offices in relation to the Company or any such other company, subsidiary undertaking or pension fund. For the purposes of the Articles "subsidiary undertaking" shall have the meaning assigned to it in Section 1162 of the 2006 Act.

#### 5.3 OTHER REGULATORY MATTERS

#### (a) Disclosure of interests in shares

A shareholder in a public company incorporated in the UK whose shares are admitted to trading on AIM is required pursuant to Rule 5 of the Disclosure and Transparency Rules to notify the Company of the percentage of his voting rights if the percentage of voting rights which he holds as a shareholder or through his direct or indirect holding of financial instruments reaches, exceeds or falls below certain thresholds. In addition, AIM Rule 17 requires notification without delay of any changes to the holding of a significant shareholder (as defined in the AIM Rules, which may include a Director) above 3% which increase or decrease such holding through any single percentage point. Schedule 5 to the AIM Rules specifies what information must be disclosed.

Pursuant to Part 22 of the 2006 Act and the Articles, the Company is empowered by notice in writing to require any person whom the Company knows, or has reasonable cause to believe to be or, at any time during the three years immediately preceding the date on which the notice is issued, interested in the Company's shares, within a reasonable time to disclose to the Company particulars of any interests, rights, agreements or arrangements affecting any of the shares held by that person or in which such other person as aforesaid is interested.

### (b) Takeovers

The City Code applies to the Company. The Panel has statutory powers to enforce the City Code in respect of companies whose shares are admitted to trading on AIM.

Under Rule 9 of the City Code a person who acquires, whether by a single transaction or by a series of transactions over a period of time, shares which (taken with shares held or acquired by persons acting in concert with him) carry 30 per cent. or more of the voting rights of a company, is normally required to make a cash offer for all the outstanding shares of that company at not less than the highest price paid by him or them or any persons acting in concert during the offer period and in the 12 months prior to its commencement. This requirement would also be triggered by an acquisition of shares by a person holding (together with its concert parties) shares carrying between 30 and 50 per cent. of the voting rights in the company if the effect of such acquisition were to increase that person's percentage of the voting rights.

Pursuant to sections 979 to 982 of the 2006 Act, where the offeror has by way of a takeover offer as defined in section 974 of the 2006 Act acquired or unconditionally contracted to acquire not less than 90 per cent. in value of the shares to which an offer relates and where the shares to which the offer relates represent not less than 90 per cent. of the voting rights in the company to which the offer relates, the offeror may give a compulsory acquisition notice to the holder of any shares to which the offer relates which the offeror has not acquired or unconditionally contracted to acquire, and which he wishes to acquire, to acquire those shares on the same terms as the general offer.

Pursuant to sections 983 to 985 of the 2006 Act, where an offeror makes a takeover offer as defined by section 974 of the 2006 Act and, by virtue of acceptances of the offer and any other acquisitions holds or has agreed to acquire not less than 90 per cent. of the shares in the target (or if the offer relates to a class of

shares 90 per cent. of the shares in that class) and which carry not less than 90 per cent. of the voting rights in the target, then a minority shareholder who has not accepted the offer may require the offeror to acquire his shares in the target on the same terms as the general offer.

#### 6. DIRECTORS' SHAREHOLDINGS AND OTHER INTERESTS

- 6.1 Details of the Directors, their business addresses and their functions in the Company are set out on page 5 of this document. Each of the Directors can be contacted at the principal place of business of the Company at 1100 Corporate Drive, Birmingham, Alabama 35242, USA.
- 6.2 The interests (all of which are beneficial) of the Directors and their immediate families (within the meaning set out in the AIM Rules) in the share capital of the Company at the date of this document and immediately following Admission are as follows:

| Director          | Number<br>of Existing<br>Ordinary Shares | Percentage<br>of Existing<br>Ordinary Shares | Number of<br>Ordinary Shares<br>immediately<br>following<br>Admission | Percentage<br>of Enlarged<br>Share Capital |
|-------------------|--|--|---|--|
| Robert Hutson Jr. | 20,000,000                               | 45.24  | 20,000,000  | 18.9                                       |
| Robert Post       | 20,000,000                               | 45.24  | 20,000,000  | 18.9                                       |
| Bradley Gray*     | 2,210,481                                | 5.00   | 2,210,481   | 2.1  |
| Martin Thomas     | 2,000,000                                | 4.52   | 2,000,000   | 1.9  |
| David Johnson**   | -  | -  | 50,000  | 0.0  |

<sup>\*</sup> The Ordinary Shares issued to Bradley Gray are subject to the terms of the Restricted Stock Agreement, as set out in paragraph 12.22 of Part VIII of this document.

6.3 In addition to the interests disclosed in paragraph 6.2 above, the Company is aware of the following persons who will, immediately following Admission, hold, directly or indirectly, voting rights representing three per cent. or more of the Enlarged Share Capital of the Company to which voting rights are attached:

| Name                          | Number of<br>Existing<br>Ordinary Shares | Percentage<br>of Existing<br>Ordinary Shares | Number of<br>Ordinary Shares<br>immediately<br>following<br>Admission | Percentage<br>of Enlarged<br>Share Capital |
|-------------------------------|--|--|---|--|
| GLG Partners                  | -  | -  | 6,119,000   | 5.8  |
| Henderson<br>Global Investors | -  | -  | 5,269,000   | 4.9  |

- 6.4 So far as the Directors are aware and save as disclosed in paragraphs 6.2 and 6.3 above, there are no persons who, immediately following the Placing and Buyback Share Offer, will, directly or indirectly, be interested in three per cent. or more of the capital of the Company or who, directly or indirectly, jointly or severally, exercise or could exercise control over the Company.
- 6.5 The Ordinary Shares held by the Shareholders set out in paragraphs 6.2 and 6.3 above rank pari passu with all other existing Ordinary Shares and, in particular, have no different voting rights than other existing Shareholders. Following the Placing and Buyback Share Offer, neither the Directors nor any major Shareholders will have different voting rights to other Shareholders.
- There are no outstanding loans granted or guarantees provided by the Company to or for the benefit of any of the Directors, nor are there any outstanding loans or guarantees provided by the Directors to or for the benefit of the Company.
- 6.7 Save as otherwise disclosed in this document, none of the Directors nor any members of their respective families, nor any person connected with the Directors (within the meaning of section 252 of the 2006 Act), has any holding, whether beneficial or otherwise, in the share capital of the Company or any of its subsidiaries.

<sup>\*\*</sup> David Johnson has agreed to subscribe for 50,000 Placing Shares.

6.8 In addition to being directors of the Company, the Directors hold or have held directorships of the companies and/or are or were partners of the partnership specified opposite their respective names below within the five years prior to the date of this document:

| Name              | Current directorships/partnerships   | Previous directorships/partnerships   |  |
|-------------------|--|---|--|
| Robert Hutson Jr. | Diversified Gas and Oil Corporation Diversified Resources Inc. M&R Investments LLC M&R Investments Ohio LLC Diversified Appalachian Group LLC Diversified Real Estate Holding LLC Marshall Gas and Oil Corporation R&K Oil and Gas Inc. Fund 1 DR, LLC | None  |  |
| Robert Post       | Diversified Gas and Oil Corporation Diversified Resources Inc. M&R Investments LLC M&R Investments Ohio LLC Diversified Appalachian Group LLC Diversified Real Estate Holding LLC Marshall Gas and Oil Corporation R&K Oil and Gas Inc. Fund 1 DR, LLC | None  |  |
| Bradley Gray      | Myers and Gray LLC   | The McPherson Companies, Inc.   |  |
| David Johnson     | Bilby plc<br>Fit Together (UK) Limited<br>Tribeca Nominee Limited  | None  |  |
| Martin Thomas     | Watson Farley & Williams LLP<br>Pemar Capital Partners PLC   | Chadbourne & Parke (London) LLP<br>Hunton & Williams LLP<br>Energy Everything Investments PLC |  |

- 6.9 As at the date of this document, no Director has:
  - (a) any unspent convictions in relation to indictable offences;
  - (b) been declared bankrupt or been subject to any individual voluntary arrangement;
  - (c) been a director of any company which has been placed in receivership, compulsory liquidation, creditors' voluntary liquidation, administration, company voluntary arrangement or any composition or arrangement with its creditors generally or any class of its creditors whilst he was a director of that company or within 12 months after he ceased to be a director of that company;
  - (d) been a partner in any partnership which has been placed in compulsory liquidation, administration or partnership voluntary arrangement whilst he was a partner of that partnership or within 12 months after he ceased to be a partner in that partnership;
  - (e) been the owner of any asset or been a partner in any partnership which had an asset placed in receivership whilst he was a partner of that partnership or within the 12 months after he ceased to be a partner of that partnership; or
  - (f) been subject to any public criticisms by any statutory or regulatory authorities (including recognised professional bodies) or been disqualified by a court from acting as a director of a company or from acting in the management or conduct of the affairs of any company.

## 7. OPTIONS, WARRANTS AND SHARE OPTION SCHEME

- 7.1 As at the date of this document:
- (a) the Company has not, save as set out in 7.1(b) below, issued any options or warrants to subscribe for Ordinary Shares, nor any other equity securities convertible into Ordinary Shares (although it is noted that the Company made the Buyback Share Offer in respect of the Bonds, as more fully described in paragraph 8 of Part II of this document); and

- (b) the Company has agreed to issue Warrants to the value of 5 per cent. of the gross Placing proceeds, to be divided between Mirabaud and Smith & Williamson as to 1 per cent. each to Mirabaud and Smith & Williamson and 3 per cent. allocated pro rata to the funds raised by each of Mirabaud and Smith & Williamson as more fully described in paragraphs 12.17 and 12.18 of this Part VIII.
- 7.2 The Directors believe that the success of the Group will depend to a significant degree on the future performance of the executive management team. The Directors also recognise the importance of employees being well motivated and identifying closely with the success of the Group.
- 7.3 Accordingly, the Directors have agreed to implement an equity incentive plan (the "Share Option Scheme") on Admission, under which the Company shall offer incentives to employees and executive directors. Awards of Share Options granted under the Share Option Scheme shall be administered by the Board (or duly constituted committee thereof), which shall also be responsible for, inter alia, construing and interpreting the Share Option Scheme. Subject to certain conditions, a total of up to 10,559,125 new Ordinary Shares of the Company from time to time shall be available to satisfy awards under the Share Option Scheme. The Share Option Scheme provides for the potential award of two types of Share Option awards: incentive stock options and non-qualified stock options. The Share Option Scheme sets out a number of eligibility conditions which must be followed, including that incentive stock options are only to be granted to employees and each Share Option granted under the Share Option Scheme must be evidenced by an award agreement. The Share Option Scheme also provides for other awards consisting of stock appreciation rights, restricted awards, performance share awards and performance compensation awards. The Share Option Scheme shall be governed by the laws of the State of Alabama.

#### 8. SERVICE AGREEMENTS AND LETTERS OF APPOINTMENT

#### 8.1 Rusty Hutson Jr.

Rusty Hutson Jr. ("RH") has entered into a service agreement with the Company under the terms of which he has agreed to act as Chief Executive Officer of the Company on a full time basis. The remuneration payable under this agreement is \$300,000 gross per annum. RH is also entitled to partake in any employee benefit plans, programs, practices or arrangements of the Company in which other employees of the Company located in the United States are eligible to participate, including, without limitation, any qualified or non-qualified pension, profit sharing and savings plans, any death benefit and disability benefit plans, and any medical, dental, health and welfare insurance plans. This will include RH's eligibility to participate in the Share Option Scheme outlined at paragraph 7.3 of this Part VIII. The service agreement will commence with effect from Admission and is for an initial fixed term of 12 months from Admission continuing thereafter until terminated by either party giving not less than 6 months' notice in writing. RH is entitled to be reimbursed for all expenses reasonably incurred by him in the proper performance of his duties.

#### 8.2 Robert Post

Robert Post ("RP") has entered into a service agreement with the Company under the terms of which he has agreed to act as Executive Chairman of the Company on a part time basis. The remuneration payable under this agreement is \$100,000 gross per annum. RP is also entitled to partake in any employee benefit plans, programs, practices or arrangements of the Company in which other employees of the Company located in the United States are eligible to participate, including, without limitation, any qualified or non-qualified pension, profit sharing and savings plans, any death benefit and disability benefit plans, and any medical, dental, health and welfare insurance plans. This will include RP's eligibility to participate in the Share Option Scheme. The service agreement will commence with effect from Admission and is for an initial fixed term of 12 months from Admission continuing thereafter until terminated by either party giving not less than 6 months' notice in writing. RP is entitled to be reimbursed for all expenses reasonably incurred by him in the proper performance of his duties.

### 8.3 Bradley Gray

Brad Gray ("BG") has entered into a service agreement with the Company under the terms of which he has agreed to act as Finance Director of the Company and Chief Operating Officer of Diversified Gas and Oil Corporation on a full time basis. The remuneration payable under this agreement is \$275,000 gross per annum. BG is also entitled to partake in any employee benefit plans, programs, practices or arrangements of the Company in which other employees of the Company located in the United States are eligible to participate, including, without limitation, any qualified or non-qualified pension, profit sharing and savings plans, any death benefit and disability benefit plans, and any medical, dental, health and welfare insurance

plans. This will include BG's eligibility to participate in the Share Option Scheme. The service agreement will commence with effect from Admission and is for an initial fixed term of 12 months from Admission continuing thereafter until terminated by either party giving not less than 6 months' notice in writing. Upon termination, BG is additionally entitled to a termination payment equating to 6 months' basic salary. BG is entitled to be reimbursed for all expenses reasonably incurred by him in the proper performance of his duties. In connection with his appointment to the Board, BG was issued 2,210,481 Ordinary Shares, which are subject to the terms of the Restricted Stock Agreement (as more fully described in paragraph 12.22 of Part VIII of this document).

#### 8.4 David Johnson

David Johnson ("DJ") has entered into an appointment agreement under the terms of which he has agreed to act, with effect from Admission, as a non-executive director of the Company and to devote such time as is reasonably necessary for the proper performance of his duties under the Agreement, including attending or participating in all board meetings. The remuneration payable under the agreement is £50,000 gross per annum. The agreement will commence with effect from Admission and is for an initial period of 12 months and continuing thereafter unless terminated by either party giving not less than 3 months' notice.

#### 8.5 Martin Thomas

Martin Thomas ("MT") has entered into an appointment agreement under the terms of which he has agreed to act as a non-executive director of the Company and to devote such time as is reasonably necessary for the proper performance of his duties under the Agreement, including attending or participating in all board meetings. The remuneration payable under the agreement is £50,000 gross per annum. The agreement acknowledges that whilst MT was a director of the Company with effect from 1 January 2015, his appointment pursuant to the terms of the aforementioned non-executive director agreement will commence with effect from Admission and is for an initial period of 12 months and continuing thereafter unless terminated by either party giving not less than 3 months' notice.

- 8.6 The aggregate remuneration paid or payable by any company in the Group (including benefits in kind) to the Directors during the year ended 31 December 2015 was \$105,000 and during the year ended 31 December 2016 was \$205,320. The aggregate estimated remuneration paid or payable to the Directors by any company in the Group for the current financial year under the arrangements in force is expected to amount to approximately \$801,000.
- 8.7 Save as disclosed above, there are no existing or proposed service contracts between any Director and the Company or any other company in the Group and there are no existing or proposed service contracts between any Director and the Company or any company in the Group.
- 8.8 Save as disclosed in this paragraph 8, no Director has a service agreement with the Company that has been entered into or varied within six months prior to the date of this document or which is a contract which expires or which is determined by the Company without payment of compensation (other than statutory compensation) after more than one year.
- 8.9 Save for any ordinary contractual benefits accrued to termination, or benefits in respect of the notice period under the relevant agreement with the Director referred to above, or as disclosed in this paragraph 8, no benefits upon termination are payable by the Company or any company in the Group to any Director.

#### 9. SIGNIFICANT INVESTMENTS

Save as disclosed in this document, there have been no significant investments by any member of the Group since 30 June 2016 (being the date to which the financial information is set out in Part V of this document).

#### 10. EMPLOYEES

As at 30 January 2017, the Group had 81 employees, all of whom are employed by Diversified Resources, Inc. and all of whom are located in the USA

There are no employment agreements with any US employees as each US employee serves on an "at-will" basis.

Save as disclosed in this Part VIII, none of the employment contracts relating to the key management referred to in paragraph 8 of this Part VIII of this document, contains a right to benefits (other than those due during the notice period under the contract) upon termination.

# 11. TAXATION

11.1 The following information is based on UK tax law and HMRC practice currently in force in the UK. Such law and practice (including, without limitation, rates of tax) is in principle subject to change at any time. The information that follows is for guidance purposes only. Any person who is in any doubt about his or her position should contact their professional adviser immediately.

#### Tax treatment of UK investors

- 11.2 The following information, which relates only to UK taxation, is applicable to persons who are resident in the UK and who beneficially own Ordinary Shares as investments and not as securities to be realised in the course of a trade. It is based on the law and practice currently in force in the UK. The information is not exhaustive and does not apply to potential investors:
  - (a) who intend to acquire, or may acquire (either on their own or together with persons with whom they
    are connected or associated for tax purposes), more than 10%, of any of the classes of shares in the
    Company; or
  - (b) who intend to acquire Ordinary Shares as part of tax avoidance arrangements; or
  - (c) who are in any doubt as to their taxation position.
- 11.3 Such Shareholders should consult their professional advisers without delay. Shareholders should note that tax law and interpretation can change and that, in particular, the levels, basis of and reliefs from taxation may change. Such changes may alter the benefits of investment in the Company.
- 11.4 Shareholders who are neither resident nor temporarily non-resident in the UK and who do not carry on a trade, profession or vocation through a branch, agency or permanent establishment in the UK with which the Ordinary Shares are connected, will not normally be liable to UK taxation on dividends paid by the Company or on capital gains arising on the sale or other disposal of Ordinary Shares. Such Shareholders should consult their own tax advisers concerning their tax liabilities.

# **Dividends**

- 11.5 Where the Company pays dividends, Shareholders who are resident in the UK for tax purposes will, depending on their circumstances, be liable to UK income tax or corporation tax on those dividends.
- 11.6 UK resident individual Shareholders who are domiciled in the UK, and who hold their Ordinary Shares as investments, will be subject to UK income tax on the amount of dividends received from the Company.
- 11.7 Dividend income received by UK tax resident individuals will have a £5,000 dividend tax allowance. Dividend receipts in excess of £5,000 will be taxed at 7.5% for basic rate taxpayers, 32.5% for higher rate taxpayers and 38.1% for additional rate taxpayers.
- 11.8 Shareholders who are subject to UK corporation tax should generally, and subject to certain anti-avoidance provisions, be able to claim exemption from UK corporation tax in respect of any dividend received but will not be entitled to claim relief in respect of any underlying tax or withholding tax imposed.

### **Disposals of Ordinary Shares**

- 11.9 Any gain arising on the sale, redemption or other disposal of Ordinary Shares will be taxed at the time of such sale, redemption or disposal as a capital gain.
- 11.10 For gains accruing after 6 April 2016, the rate of capital gains tax on disposal of Ordinary Shares by basic rate taxpayers will reduce from 18% to 10%, and for upper rate and additional rate taxpayers the rate will fall from 28% to 20%.
- 11.11 For Shareholders within the charge to UK corporation tax, indexation allowance may reduce any chargeable gain arising on disposal of Ordinary Shares but will not create or increase an allowable loss.
- 11.12 Subject to certain exemptions, the corporation tax rate applicable to its taxable profits is currently being 20% from 1 April 2015, falling to 19% after 1 April 2017 and 17% after 1 April 2020.

### Further information for Shareholders subject to UK income tax and capital gains tax

"Transactions in securities"

11.13 The attention of Shareholders (whether corporates or individuals) within the scope of UK taxation is drawn to the provisions set out in, respectively, Part 15 of the Corporation Tax Act 2010 and Chapter 1 of Part 13 of the Income Tax Act 2007, which (in each case) give powers to HM Revenue and Customs to raise tax assessments so as to cancel "tax advantages" derived from certain prescribed "transactions in securities".

#### Stamp Duty and Stamp Duty Reserve Tax

11.14 The statements below are intended as a general guide to the current position. They do not apply to certain intermediaries who are not liable to stamp duty or stamp duty reserve tax or (except where stated otherwise) to persons connected with depositary arrangements or clearance services who may be liable at a higher rate.

Ordinary Shares held in certificated form

- 11.15 No stamp duty or stamp duty reserve tax will generally be payable on the issue of Ordinary Shares.
- 11.16 Neither UK stamp duty nor stamp duty reserve tax should arise on transfers of Ordinary Shares on AIM (including instruments transferring Ordinary Shares and agreements to transfer Ordinary Shares) based on the following assumptions:
  - (a) the Ordinary Shares are admitted to trading on AIM, but are not listed on any market (with the term "listed" being construed in accordance with section 99A of the Finance Act 1986), and this has been certified to Euroclear; and
  - (b) AIM continues to be accepted as a "recognised growth market" as construed in accordance with section 99A of the Finance Act 1986).
- 11.17 In the event that either of the above assumptions does not apply, stamp duty or stamp duty reserve tax may apply to transfers of Ordinary Shares in certain circumstances.
- 11.18 The above comments are intended as a guide to the general stamp duty and stamp duty reserve tax position and may not relate to persons such as charities, market makers, brokers, dealers, intermediaries and persons connected with depositary arrangements or clearance services to whom special rules apply.

# United States Federal Income Tax Consequences of the Group structure

- 11.19 Pursuant to Section 7874 of the Code, the Company should be treated as a U.S. corporation for all purposes under the Code because (i) the Company does not have substantial business activities in the UK, and (ii) the former holders of shares in Diversified Gas and Oil Corporation will hold at least 80% or more of the ordinary shares of the Company prior to Admission and completion of the Placing. As the Company will be treated as a U.S. corporation for all purposes under the Code, the Company will not be treated as a "passive foreign investment company," as such rules apply only to non-U.S. corporations for U.S. federal income tax purposes.
- 11.20 As the Company will be treated as a U.S. corporation for all purposes under the Code, dividends from the Company may be subject to US withholding taxes, depending on the country of residence of the shareholder, and whether the country has an income tax treaty with the United States. The statutory rate of withholding under the Code is 30 per cent. to non-US shareholders, which may be reduced by an applicable treaty.
- 11.21 Shareholders are encouraged to consult with their tax advisor with respect to their individual tax situation related to these matters.

#### 12. MATERIAL CONTRACTS

The following material contracts (not being contracts entered into in the ordinary course of business) have been entered into by members of the Group within the two years immediately preceding the date of this document or are other material subsisting contracts which relate to the assets and liabilities of the Group:

12.1 Acquisition Agreement relating to assets of Diversified Resources, Inc.

On 16 May 2006, a purchase and sale agreement was entered into by and between Diversified Resources, Inc. and M & R Investments, LLC relating to the purchase of oil and gas leaseholds, wells, working interests, related equipment and other assets for a total consideration of US\$5,200,000.

This agreement is governed by the laws of the state of West Virginia.

### 12.2 Acquisition Agreement relating to assets of AB Resources

On 1 April 2010, a purchase and sale agreement was entered into by and among AB Resources OH LLC, a Delaware limited liability company, Diversified Resources Inc and M&R Investments (Ohio) LLC, relating to the purchase of oil and gas leaseholds, wells, working interests, licenses, related equipment and other assets for a total consideration of US\$14,500,000.

This agreement is governed by Ohio law.

## 12.3 Acquisition Agreement relating to Deep Resources LLC

On 31 March 2011, a purchase and sale agreement was entered into by and among Deep Resources, LLC and M&R Investments LLC, relating to the purchase of oil and gas leaseholds, wells, working interests, licenses, related equipment and other assets for a total consideration of US\$5,200,000.

This agreement is governed by Ohio law.

## 12.4 Acquisition Agreement relating to Broad Street Energy

On 16 March 2015, a purchase and sale agreement was entered into by each of Diversified Gas & Oil Corporation, Broad Street Energy Company, an Ohio corporation, Broad Street Energy, LLC, an Ohio limited liability company, and Broad Street Services, LLC, an Ohio limited liability company for the purchase of oil and gas leaseholds, wells, working interests, real property, licenses, related equipment and other assets for a total consideration of \$2,600,000. The transaction was completed in June 2015.

This agreement is governed by Ohio law.

### 12.5 Acquisition relating to Texas Keystone

On 22 October 2015, a purchase and sale agreement was entered into by each of Diversified Oil & Gas LLC and Texas Keystone Inc. relating to the purchase by the Group of 1,709 conventional natural gas and oil wells and two buildings in Pennsylvania and West Virginia, in addition to equipment and automobiles. As part of and in connection with this Texas Keystone transaction, on 14 December 2015, Diversified Oil & Gas, LLC entered into a purchase and sale agreement to acquire certain overriding royalty interests in these wells and the Indiana, Pennsylvania real estate from Falcon Partners Trust, and on 2 January 2016, Diversified Oil & Gas, LLC entered into a purchase and sale agreement to acquire certain of the leases and wells (including working interests and net revenue interests) related to those wells from Keystone Energy Oil & Gas, Inc. The total collective consideration paid in these transactions amounted to \$725,000.

These agreements are governed by Pennsylvania law.

# 12.6 Acquisition Agreement relating to Falcon Partners

On 14 December 2015, a purchase and sale agreement was entered into by and between Diversifed Oil & Gas LLC and Falcon Partners, a for-profit Pennsylvania business trust, relating to the purchase of oil and gas leaseholds, working interests, wells, permits, related equipment and other assets for a total consideration of US\$675,000.

This agreement is governed by Pennsylvania law.

### 12.7 Acquisition Agreement relating to Eclipse Resources

On 14 March 2016, a purchase and sale agreement was entered into by and among (i) Diversified Oil & Gas, LLC; (ii) Eclipse Resources – Ohio, LLC, a Delaware limited liability company, Eclipse Resources I, LP, a Delaware limited partnership, and Eclipse Resources Operating, LLC, a Delaware limited liability company; (iii) Diversified Gas & Oil Corporation; and (iv) the Company relating to the purchase of oil and gas leaseholds, real property, mineral interests, wells, working interests, related equipment and other assets for \$4,800,000. The transaction was completed in April 2016.

This agreement is governed by Ohio law.

### 12.8 Acquisition Agreement relating to Seneca Resources

On 1 May 2016, a purchase and sale agreement was entered into by and among Diversified Oil & Gas, LLC and Seneca Resources Corporation, a for-profit Pennsylvania corporation, relating to the purchase of oil and

gas production rights, wells, licenses, permits, related equipment and other assets for a total consideration of \$3,550,000. The transaction was completed in June 2016.

This agreement is governed by Pennsylvania law.

#### 12.9 Bond Instrument

On 10 June 2015, the Company entered into a bond instrument constituting the Bonds (the "Bond Instrument"), the principal terms of which are as follows:

Denomination: Pounds sterling.

Minimum Investment: £5,000, with additional subscription in multiples of £5,000.

Income: 8.5% interest per annum, payable quarterly in instalments of

2.125% in March, June, September and December each year.

Security: Unsecured.

Raise Amount: Up to £20,000,000, with a minimum raise of £500,000.

Term: 5 years (Due 2020. Admitted to trading on NEX Exchange on 24

June 2015).

Redemption: Repayment of capital on 24 June 2020.

Ranking: All the Bonds shall rank pari passu, equally and rateably, without

discrimination or preference alongside all unsecured creditors of

the Company.

Events of default: On one of four identified events listed in the Bond Instrument

relating to the solvency of the Company, the Bonds will be

redeemed immediately at the principal amount.

Listed/unlisted: The Bond is admitted to trading on the NEX Exchange Growth

Market which is a HMRC recognised growth stock exchange.

Liquidity events: If a person makes an offer to take control of the shares of the

Company, an offer to redeem the Bonds must be made by the Company at the time of such takeover offer, on terms whereby the consideration payable for the Bonds shall be satisfied by the allotment to Bondholders of new Ordinary Shares at a discount of 20% to the price agreed to be paid for the Ordinary Shares in the takeover offer. Bondholders shall be free to accept or reject such bond offer. If a Bondholder rejects the bond offer, the Bondholder shall redeem the bonds at the principal amount on the final

redemption date.

If the Ordinary Shares are admitted to trading on AIM or any other recognised investment exchange, the Company shall be obliged, at the time of such admission, to make an offer to buy back the Bonds on terms whereby the consideration payable for the Bonds shall be satisfied by the allotment to Bondholders of Ordinary Shares at a discount of 20% to the Share admission price of the new Ordinary Shares. Bondholders shall be free to accept or reject such buyback offer. If a Bondholder rejects the buyback offer, the Bondholder shall redeem the bonds at the principal

amount on the final redemption date.

In accordance with the terms of the Bonds, the Company has made the Buyback Share Offer and the Cash Alternative Offer, as more fully detailed in paragraph 8 of Part II of this document.

### 12.10 Placing Agreement

The Placing Agreement contains, inter alia, the following terms:

(a) the Company appoints each of Smith & Williamson and Mirabaud as its agent and Smith & Williamson and Mirabaud agree to use their reasonable endeavours to procure subscribers for the Placing Shares at the Placing Price;

- (b) the obligations of Smith & Williamson and Mirabaud are conditional, inter alia, upon:
  - (i) the Placing Shares being admitted as participating securities within CREST upon or immediately following Admission; and
  - (ii) Admission occurring not later than 8.00 a.m. on 3 February 2017 or such later time and/or date, being no later than 8.00 a.m. on 17 February 2017, as the Company may agree with Smith & Williamson and Mirabaud.
- (c) subject to Admission, the Company shall pay:
  - (i) Smith & Williamson an advisory fee of US\$275,000;
  - (ii) Smith & Williamson and Mirabaud a commission of 5 per cent. on the gross Placing proceeds payable as to 1 per cent. each to Mirabaud and Smith & Williamson and 3 per cent. allocated pro rata to the funds raised by each of Mirabaud and Smith & Williamson;
  - (iii) subject to certain restrictions, all the costs and expenses (including any applicable VAT) of and incidental to the Placing including the fees and costs of legal advisers incurred by Smith & Williamson and Mirabaud and printing, filing and distribution charges;
- (d) in addition, the Company agrees to issue Warrants to the value of 5 per cent. of the gross Placing proceeds, to be divided between Mirabaud and Smith & Williamson on the same basis as set out in (c)
   (ii) above;
- (e) the Company and the Directors have each given warranties in favour of Smith & Williamson and Mirabaud. The liability of the Directors is limited in terms of the amount of the liability save in certain circumstances. The liability of the Directors and the Company in respect of the warranties is limited as to time, save in certain circumstances;
- (f) in addition, the Company has given Smith & Williamson and Mirabaud, its affiliates and their respective directors, officers, employees and agents an indemnity relating to certain losses and liabilities which may be incurred by such persons in the performance by Smith & Williamson and Mirabaud of their obligations and services rendered pursuant to the Placing Admission;
- (g) Smith & Williamson and Mirabaud has the right to terminate the Placing Agreement prior to Admission in certain circumstances, including:
  - (i) in the event of certain force majeure events or other events involving certain material adverse changes relating to the Group; and
  - (ii) in the event of a material breach by the Company, any of the Directors of their obligations or warranties in the Placing Agreement.

The Placing Agreement is governed by English law and the parties irrevocably submit to the non-exclusive jurisdiction of the Courts of England.

# 12.11 Lock-in agreements

Each of Rusty Hutson Jr., Robert Post, Brad Gray and Martin Thomas has undertaken with Smith & Williamson, Mirabaud and the Company (subject to certain exceptions) not to dispose of any interest in any of their Shares until 18 months after Admission without the prior written consent of each of Smith & Williamson and Mirabaud.

# 12.12 Smith & Williamson engagement letter, and addendum thereto

Pursuant to a letter of engagement dated 20 July 2016 and an addendum thereto dated 5 September 2016, the Company appointed Smith & Williamson to act as its nominated adviser and financial adviser and joint broker in connection with the Placing and Admission. The engagement letter includes the following terms:

- (a) The Company agrees to pay to Smith & Williamson:
  - a retainer fee (the "Retainer Fee") in relation to the Placing and Admission (and work required in relation to the same) up to an aggregate maximum amount, which amount shall be set off against the Corporate Finance Fee referred to below;

- (ii) a corporate finance fee (the "Corporate Finance Fee") payable on completion of the Placing and Admission, less any Retainer Fee already paid); and
- (iii) a commission on the basis set out in paragraph 12.10(c)(ii) above.
- (b) In addition, the Company agrees to issue Warrants on the basis set out in paragraph 12.10(d) above.
- (c) The Company agrees to reimburse Smith & Williamson for any expenses and disbursements as Smith & Williamson, in its discretion, incurs in connection with its appointment under the letter of engagement.

### 12.13 Nominated Adviser and Broker Appointment Letter

A nominated adviser and broker appointment letter dated 30 January 2017 and made between (1) the Company and (2) Smith & Williamson (the "Nominated Adviser and Broker Appointment Letter") pursuant to which the Company has appointed Smith & Williamson to act as nominated adviser and joint broker to the Company for the purposes of the AIM Rules. The Company has agreed to pay Smith & Williamson a fee of £42,500 (plus VAT) for its services as nominated adviser and joint broker under the Nominated Adviser and Broker Appointment Letter. The Nominated Adviser and Broker Appointment Letter contains certain covenants and undertakings given by the Company to Smith & Williamson. The appointment shall continue until terminated by either the Company or Smith & Williamson on, among other things, giving three months' prior written notice after the initial twelve month term.

## 12.14 Mirabaud Engagement Letter

An engagement letter dated 5 September 2016 was entered into between the Company and Mirabaud pursuant to which the Company appointed Mirabaud to act as lead broker to the Company in connection with the Admission and the Placing.

Under the terms of the letter of engagement, the Company has agreed to pay a commission on the basis set out in paragraph 12.10(c)(ii) above.

In addition, the Company agrees to issue warrants on the basis set out in paragraph 12.10(d) above.

Under the letter of engagement, the Company gave certain customary undertakings and indemnities to Mirabaud in connection with its engagement.

The letter of engagement is governed by English law, and the parties irrevocably submit to the jurisdiction of the courts of England and Wales.

# 12.15 Mirabaud Broker Agreement

A broker agreement dated 30 January 2017 and made between the Company and Mirabaud (the "Broker Agreement") pursuant to which the Company appointed Mirabaud as lead broker in connection with Admission. The Company has agreed to pay Mirabaud an annual retainer of £45,000 plus VAT for its services as lead broker. The agreement shall continue until terminated by either the Company or Mirabaud giving not less than three months' prior written notice not to expire before the first anniversary of the date of the agreement. The Company has agreed to give an indemnity in favour of Mirabaud, subject to certain limitations on liability.

# 12.16 Relationship Agreement between the Company, Robert Hutson Jr. and Robert Post

The Company has entered into a relationship agreement with Smith & Williamson, Robert Marshall Post and Robert Russell Hutson Jr. (the "Substantial Shareholders") (the "Relationship Agreement").

The Substantial Shareholders have undertaken to use their reasonable endeavours to ensure, inter alia, that:

- (a) the Group is capable at all times of carrying on its business independently of the Substantial Shareholders;
- (b) no additional directors to the Company are appointed nor any Directors removed except following consultation with Smith & Williamson;
- (c) no general meeting of the Company is to be requisitioned by either Substantial Shareholder or any associates in order to amend the articles of association of the Company in such a way as might reasonably be expected to adversely affect the independence of the Group from the Substantial Shareholders or their associates or undermine the effect of the Relationship Agreement to the detriment of the Group;

- (d) there are and remain at all times not less than two Independent Directors;
- (e) neither Substantial Shareholder nor any associate thereof shall seek to procure or vote on any resolution to cancel the Company's admission to trading on AIM without prior consultation with the Company's nominated advisor for the purpose of the AIM Rules, and with the approval of the Independent Directors (such approval not to be unreasonably withheld, conditioned or delayed; and
- (f) any resolutions at any annual general meeting of the Company relating to either:
  - (i) the authority of the Board to issue Ordinary Shares generally, limited on an annual basis to 30 per cent of the Company's issued share capital; or
  - (ii) the disapplication of the statutory pre-emption rights regarding the issue of Ordinary Shares, limited on an annual basis to 10 per cent of the Company's issued share capital,

are passed without amendment.

The Relationship Agreement is governed by English law and the parties irrevocably submit to the non-exclusive jurisdiction of the Courts of England.

### 12.17 Warrant Agreement between the Company and Mirabaud

On 30 January 2017, the Company entered into a warrant agreement with Mirabaud (the "Mirabaud Warrant Agreement"), pursuant to which the Company granted Mirabaud the right, subject to Admission, to subscribe for Ordinary Shares at the Placing Price for the period beginning on the date of Admission and ending on the fifth anniversary of the date of Admission.

The Mirabaud Warrant Agreement contains a mechanism whereby the Warrant subscription price (being the Placing Price) may be adjusted following the occurrence of certain alterations to the Company's share capital, including a sub-division or consolidation of the Ordinary Shares.

The Mirabaud Warrant Agreement shall be exercised by Mirabaud giving notice to the Company in writing setting out the number of Ordinary Shares in respect of which it wishes to exercise the warrants accompanied by payment of the relevant Placing Price.

The Mirabaud Warrant Agreement is governed by English law and the parties irrevocably submit to the exclusive jurisdiction of the Courts of England.

## 12.18 Warrant Agreement between the Company and Smith & Williamson

The terms of the Warrant Agreement between the Company and Smith & Williamson are the same as the Mirabaud Warrant Agreement summarised in paragraph 12.17 above (*mutatis mutandis*).

# 12.19 Appointment of Alexander David Securities

On 7 October 2014, the Company entered into a corporate adviser agreement with Alexander David Securities Limited ("Alexander David") under which the Company appointed Alexander David as its corporate adviser in connection with admission of the Bonds and the issue of the Bonds. Under the terms of this letter of engagement the Company agreed to pay Alexander David an engagement fee of £30,000, an admission success fee of £50,000 payable upon admission of the Bonds to NEX Exchange, a fee of £70,000 payable upon the admission of any Bonds to the value of £1,000,000, a selling commission fee of 5 per cent. of gross proceeds received by the Company from investors introduced by Alexander David, a 1 per cent. selling commission of gross proceeds received by the Company from third party investors, and a warrant (the "Alexander David Warrant") to subscribe over 1 per cent. of the enlarged share capital at the date of the bond issue, once the bond issue reaches £10 million. Subject to agreement by the Company and Alexander David, the exercise price of the Alexander David Warrant shall be the valuation of the Company's equity at the time of the bond issue being admitted to trading on the NEX Exchange Growth Market.

On 14 November 2016, the Company and Alexander David agreed that in consideration for (and conditional upon) a single cash payment of £175,000 being made by the Company to Alexander David as soon as practicable following Admission, the Alexander David Warrant shall be terminated and cancelled.

### 12.20 Share Exchange Agreement and Contribution Agreements

On 10 June 2015, each of Rusty Hutson Jr. and Robert Post (for the purposes of this paragraph 12.20, the "Vendors") entered into a Share Exchange Agreement with the Company and Diversified Gas & Oil Corporation. Pursuant to the Share Exchange Agreement, each of the Vendors agreed to transfer his shares

in Diversified Gas & Oil Corporation (together constituting the entire issued share capital of Diversified Gas & Oil Corporation) to the Company in consideration for the Company issuing to each of the Vendors 17,500,000 Ordinary Shares (the "Share for Share Exchange").

The Share for Share Exchange was conditional on admission of the Bonds to trading on the NEX Exchange. Each of the Vendors was required to give certain warranties to the Company regarding (inter alia) his title to the shares being transferred, lack of encumbrances affecting such shares and capacity to enter into the agreement.

The agreement is governed by English law, and the parties submit to the exclusive jurisdiction of the English courts

Effective as of 31 December 2015, Rusty Hutson Jr. and Robert Post executed two separate contribution agreements with Diversified Gas & Oil Corporation and executed related assignments of interest and stock assignments (for the purposes of this paragraph 12.20, the "Contribution Agreements") providing for the contribution of 100% of the membership interests and capital stock, as applicable, of each of Diversified Resources, Inc., M&R Investments, LLC, M&R Investments Ohio, LLC, Marshall Gas & Oil Corporation, R&K Oil and Gas, Inc., and Fund 1 DR, LLC (for the purposes of this paragraph 12.20, the "Initial US Subsidiaries") to Diversified Gas & Oil Corporation. The Contribution Agreements resulted in all of the ownership interests (consisting of membership interests and capital stock) in each of the Initial US Subsidiaries being transferred from Rusty Hutson Jr. and Robert Post to Diversified Gas & Oil Corporation. The contribution of ownership interests in each of the Initial US Subsidiaries were originally contributed by Rusty Hutson Jr. and Robert Post to Diversified Gas & Oil Corporation on 1 June 2015, but these contributions were subsequently rescinded and re-contributed effective as of 31 December 2015. A rescission acknowledgement agreement also was entered into among Rusty Hutson Jr. and Robert Post, the Company, Diversified Gas & Oil Corporation and the Initial US Subsidiaries to acknowledge, ratify and confirm the rescission of the original contributions, the subsequent contributions pursuant to the Contribution Agreements and the resulting ownership of the Initial US Subsidiaries.

The Contribution Agreements and the additional contribution and assignment agreements referred to in paragraphs 12.23, 12.24 and 12.25 are basic contribution and assignment documents providing for limited and basic representations and warranties from the parties, with the primarily representations and warranties from Rusty Hutson Jr. and Robert Post addressing authority and title to the membership interests and capital stock of the contributed subsidiaries, with no material ongoing obligations by the Group, any of its officers, directors or employees or Rusty Hutson Jr. or Robert Post.

### 12.21 Office Space Lease

On 18 May 2016 each of Diversified Real Estate Holdings, LLC, a company owned by Rusty Hutson Jr. and Robert Post, as landlord, and Diversified Resources, Inc, as tenant entered into a lease relating to the property situated in 1100 Corporate Drive, Birmingham, Alabama, 35242. The effective date of the lease was 18 May 2016 and the lease terminates on 31 May 2036, with an annual rent of \$78,000.

The lease is governed by Alabama law.

# 12.22 Restricted Stock Agreement

The Company entered into a restricted stock agreement with Bradley Gray which has an effective date of 24 October 2016 (the "Restricted Stock Agreement"), pursuant to which Bradley Gray was awarded 2,210,481 Ordinary Shares (the "Restricted Stock"). Bradley Gray shall subscribe for the Restricted Stock at the par value (£0.01) per Ordinary Share and the Restricted Stock is vested or is to be vested (subject to certain conditions) on three separate dates:

- (i) 24 October 2016: Bradley Gray acquired a vested interest in 33 1/3 per cent. of the Restricted Stock;
- (ii) 24 October 2018: Bradley Gray will acquire a vested interest in 33 1/3 per cent. of the Restricted Stock;and
- (iii) 24 October 2019: Bradley Gray will acquire a vested interest in 33 1/3 per cent. of the Restricted Stock.

Subject to the Restricted Stock Agreement and the conditions outlined therein, Bradley Gray is only able to transfer any interest he may have in the Ordinary Shares once the Ordinary Shares have vested.

The Company has the right, exercisable at any time during the ninety day period following the date on which Bradley Gray ceases for any reason to be a Service Provider (as defined below) to the Company (or such longer period of time mutually agreed to by the parties), to have forfeited for no additional consideration

all or (at the discretion of the Company) any portion of the Restricted Stock in which Bradley Gray has not acquired a vested interest in accordance with the vesting provisions set out in the Restricted Stock. For the purposes of the Restricted Stock Agreement, Bradley Gray will be deemed to be a "Service Provider" to the Company for so long as he renders periodic services to the Company or one or more of its parent or subsidiary corporations, whether as an employee, non-employee member of the board of directors, or an independent, non-employee consultant.

The Restricted Stock Agreement also provides that the Company shall pay to Bradley Gray an amount equal to the estimated US and applicable state income tax liability to be incurred by Bradley Gray resulting from the grant of the Restricted Stock, together with a grossed up amount to ensure that Bradley Gray will not incur any unreimbursed tax (the "Tax Indemnity"), provided that the Tax Indemnity does not exceed US\$500,000.

#### 12.23 Contribution Agreement

The Company entered into a contribution agreement effective as of 1 November 2016 with Robert M. Post and Robert R. Hutson, Jr. (the "Contributors") (the "Contribution Agreement") pursuant to which the Contributors agree to contribute their interests in Diversified Oil & Gas, LLC and Diversified Appalachian Group, LLC to the capital of the Company. The Contribution Agreement contains certain basic warranties and representations given by the Contributors to the Company. The Contribution Agreement is governed by the laws of the State of Alabama.

#### 12.24 Assignment Agreement (1)

Pursuant to the Contribution Agreement, the Company entered into an assignment of interests agreement by and between Robert M. Post, Robert R. Hutson, Jr. (the "Assignors") and the Company effective as of 1 November 2016 ("Assignment Agreement (1)") pursuant to which the Assignors assign their interest (which collectively amounts to 100% ownership) in Diversified Oil & Gas, LLC and Diversified Appalachian Group, LLC to the Company. The Assignment Agreement (1) is governed by the laws of the State of Alabama.

## 12.25 Assignment Agreement (2)

Pursuant to the Contribution Agreement, the Company entered into an assignment of interests agreement by and between the Company (the "Assignor") and Diversified Gas & Oil Corporation effective as of 1 November 2016 ("Assignment Agreement (2)") pursuant to which the Assignor assigns its interest in Diversified Oil & Gas, LLC and Diversified Appalachian Group, LLC to Diversified Gas & Oil Corporation immediately after Assignment Agreement (1) was effective. The Assignment Agreement (2) is governed by the laws of the State of Alabama.

### 12.26 CrossFirst Bank Loan Agreement

On 30 June 2015, a loan agreement was entered into by and between Diversified Oil & Gas LLC and CrossFirst Bank, pursuant to which a revolving line of credit for up to US\$25,000,000 was made available to the Group. The initial maturity date of the loan was 30 June 2016, however the loan has been extended through to 31 August 2017. The current outstanding balance under the loan as at 30 June 2016 is US\$2,000,000.

Pursuant to the terms of the loan, a first priority and senior mortgage lien and security interest has been granted in favour of CrossFirst Bank, encumbering all of Diversified Oil & Gas LLC's leasehold working interests in the certain oil and gas properties covering at least 80% of the value of Diversified Oil & Gas LLC's proven reserves (including leasehold properties, wells, leasehold working interest, royalty interests and other mining and mineral interests situated in Ohio). Those certain oil and gas properties include wells located in Ashtabula, Athens, Coshocton, Geauga, Holmes, Lake, Lorain, Medina, Meigs, Morgan, Noble, Stark, Summit, Trumball, Tuscarawas, Washington, and Wayne Counties. The Group has confirmed that only those assets related to the Broad Street purchase and sale agreement, summarised in paragraph 12.4 of this Part VIII, are subject to this mortgage.

The CrossFirst loan agreement and security documents related thereto are governed by the laws of Oklahoma.

### 12.27 Master Equity Lease Agreement

On 24 July 2012, an equity master lease agreement was entered into by and between Enterprise FM Trust, a Delaware statutory trust and Texas Keystone, Inc., a Pennsylvania Corporation. This agreement was subsequently assigned to the Company by Texas Keystone, Inc. on 31 October 2015. This agreement provides for the lease of vehicles by the Company.

This agreement is governed by Missouri law.

#### 13. RELATED PARTY TRANSACTIONS

Save for the related party transactions noted in the historical financial information for the Group in Part V of this document, or referred to in paragraph 12.21 in this Part VIII, during the period of two years immediately preceding the date of this document, no company in the Group has entered into any related party transactions.

#### 14. WORKING CAPITAL

The Directors are of the opinion (having made due and careful enquiry) that, after taking into account the financing facilities available and the net proceeds from the Placing, the working capital of the Company and its Group will be sufficient for its present requirements, that is, for at least the period of 12 months from the date of Admission.

#### 15. LITIGATION

No member of the Group is or has been engaged in any governmental, legal or arbitration proceedings (including any such proceedings which are pending or threatened of which the Company is aware) which have had or may have a significant effect on the Group's financial position or profitability during the 12 months preceding the date of this document and, so far as the Directors are aware, there are no such proceedings pending or threatened by or against any member of the Group.

#### 16. NO SIGNIFICANT CHANGE IN FINANCIAL OR TRADING POSITION

Save as otherwise disclosed in this document, there has been no significant change in the financial or trading position of the Group since 30 June 2016, the date to which financial information set out in Part V of this document was prepared.

### 17. INTELLECTUAL PROPERTY

The Company has confirmed that it does not own any intellectual property other than its website domain name - http://www.diversifiedgasandoil.com/.

### 18. PROPERTY

The following properties are owned by the Group, and were acquired pursuant to the following deeds:

- (a) pursuant to a deed dated 16 December 2013, the real property located at 7907 TR 103, Millersburg, Ohio, 44654 was acquired by the Group (and consists of a garage and pipe yard); and
- (b) pursuant to a deed dated 11 January 2016, the real property located at 130 Raymond Drive, Indiana, Pennsylvania, 15701 was acquired by the Group (and consists of an office building and pipe yard).

In addition, the US headquarters of the Group is located at 1100 Corporate Drive, Birmingham, Alabama 35242. The 1100 Corporate Drive office building is leased to the Group by an entity owned by the two founding principals, Robert Post and Rusty Hutson Jr. The terms of this new lease are summarised in paragraph 12.21 of this Part VIII.

#### 19. CONSENTS AND OTHER INFORMATION

- 19.1 Smith & Williamson has given and not withdrawn its written consent to the issue of this document with the inclusion in it of references to its name in the form and context in which they appear. Smith & Williamson may be said to have an indirect material economic interest which may be dependent on the success of the Placing by virtue of its interest in fees payable by the Company under the Placing Agreement to Smith & Williamson as nominated adviser and joint broker.
- 19.2 Mirabaud has given and not withdrawn its written consent to the issue of this document with the inclusion in it of references to its name in the form and context in which they appear. Mirabaud may be said to have an indirect material economic interest which may be dependent on the success of the Placing by virtue of its interest in fees payable by the Company under the Placing Agreement to Mirabaud as joint broker.
- 19.3 The reporting accountant, Crowe Clark Whitehill LLP, has given and not withdrawn its written consent to the issue of this document with the inclusion in it of its reports and letters contained in Parts V and VI of this document respectively, and references thereto and to its name in the form and context in which they appear.

- 19.4 The Competent Person, Wright & Co Inc., has given and not withdrawn its written consent to the issue of this document with the inclusion in it of its report and letter contained in Part VIII of this document respectively, and references thereto and to its name in the form and context in which they appear.
- 19.5 Crowe Clark Whitehill LLP of St Bride's House, 10 Salisbury Square, London, EC4Y 8EH are the auditors of the Group.
- 19.6 The total costs and expenses payable by the Company in connection with the Admission (including professional fees, commissions, the costs of printing and registrars fees) are estimated to amount to approximately £3.0 million excluding VAT. The net proceeds of the Placing receivable by the Company are expected to be approximately £36.6 million.
- 19.7 Save as otherwise disclosed in this document, there are no patents or other intellectual property rights, licences or particular contracts which are of fundamental importance to the Group's business or profitability.
- 19.8 Save as otherwise disclosed in this document, there have been no significant authorised or contracted capital commitments of the Group at the date of publication of this document.
- 19.9 No environmental issues have arisen in the past 12 months which would have had a significant effect on the Company's financial position or profitability. Save as disclosed in this document, the Company is not aware of any material environmental issues or risks affecting the utilisation of the Group's tangible fixed assets or its operations.
- 19.10 Other than as disclosed in this document, no person has (excluding those professional advisers disclosed in this document and trade suppliers):
  - received, directly or indirectly, from the Company within the 12 months preceding the date of this document; or
  - (b) entered into any contractual arrangements (not otherwise disclosed in this document) to receive, directly or indirectly, from the Company on or after Admission any of the following:
    - (i) fees totalling either £10,000 or more;
    - (ii) securities in the Company with a value of either £10,000 or more calculated by reference to the expected price of an Ordinary Share at Admission; or
    - (iii) any other benefit with a value of either £10,000 or more or more at the date of Admission.
- 19.11 Where information contained in this document has been sourced from a third party, the Company confirms that such information has been accurately reproduced and, so far as the Company is aware and is able to ascertain from the information published by that third party, no facts have been omitted which would render the reproduced information inaccurate or misleading.
- 19.12 The Ordinary Shares are issued and allotted in registered form under the laws of England and Wales and their currency is Pounds Sterling. No admission to listing or trading of the Ordinary Shares is being sought on any stock exchange other than AIM.
- 19.13 It is expected that CREST accounts will be credited as applicable on the date of Admission. The ISIN of the Ordinary Shares is GB00BYX7JT74. Share certificates (where applicable) will be dispatched by first class post within 14 days of the date of Admission.
- 19.14 There are no arrangements in existence under which future dividends are to be waived or agreed to be waived.
- 19.15 Smith & Williamson is registered in England and Wales as a private company under the Companies Act 1985 of Great Britain with number 04533970 and is regulated by the FCA. Its registered office is at 25 Moorgate, London, EC2R 6AY.
- 19.16 Mirabaud is registered in England and Wales as a limited liability partnership under the Limited Liability Partnerships Act 2000 of Great Britain with number OC340133 and is regulated by the FCA. Its registered office is at 33 Grosvenor Place, London, SW1X 7HY.
- 19.17 The Directors will comply with Rule 21 of the AIM Rules and Article 19 of the Market Abuse Regulation (Regulation 5961 2014) ("MAR") relating to Directors' and applicable employees' dealings in Ordinary Shares and to this end, the Company has adopted an appropriate Share Dealing Code.

- 19.18 The Placing Price of 65 pence per Ordinary Share represents a premium of approximately 64 pence over the nominal value of £0.01 per Ordinary Share.
- 19.19 There are no provisions in the Articles which would have the effect of delaying, deferring or preventing a change of control of the Company.
- 19.20 Save as disclosed in this document, the Directors are unaware of:
  - (a) any significant trends in production, sales and inventory and costs and selling prices from 30 June 2016 (being the date to which the financial information set out in Part V of this document was prepared) to the date of this document;
  - (b) any trends, uncertainties, demands, commitments or events that are reasonably likely to have a material effect on the Group's prospects for at least the current financial year; or
  - (c) any exceptional factors which have influenced the Company's activities.
- 19.21 There are no mandatory takeover bids outstanding in respect of the Company and no public takeover bids have been made by third parties either in the last financial year or the current financial year of the Company.
- 19.22 There are no arrangements known to the Company, the operation of which may at a subsequent date result in a change of control of the Company.

### 20. AVAILABILITY OF ADMISSION DOCUMENT

Copies of the admission document, which will contain full details about the Company and the admission of its securities, will be available from the offices of Smith & Williamson, 25 Moorgate, London EC2R 6AY, during normal business hours on any weekday (Saturdays, Sundays and public holidays excepted) for a period of one month from the date of Admission. A copy of this document is also available for download at the Company's website at www.diversifiedgasandoil.com.

30 January 2017







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