

Supplemental Presentation

Asset Retirement

For the Liability Recorded at 30 June 2022





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Asset Retirement

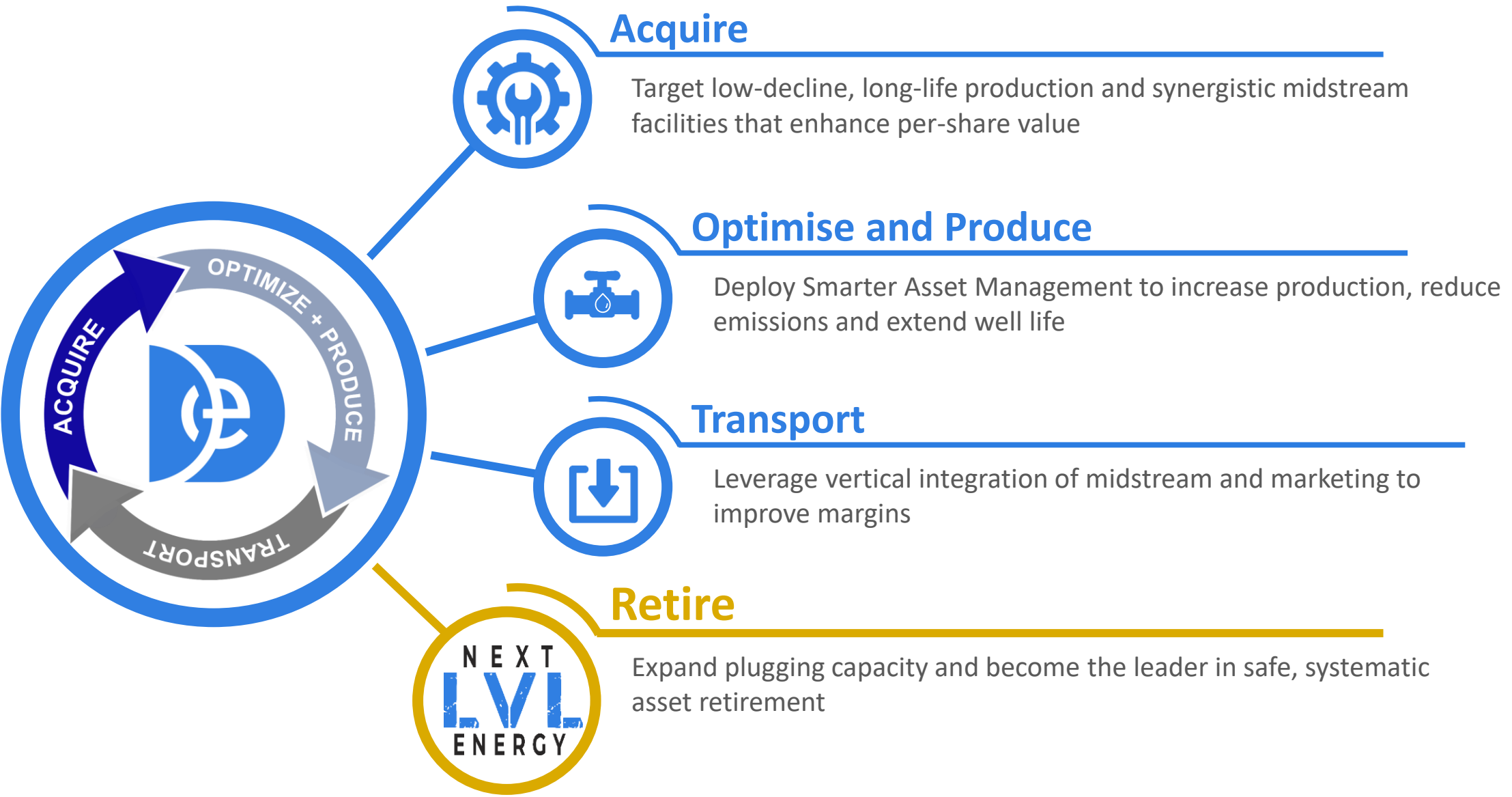
Scaled, Innovative and Vertically Integrated Platform

NEXT
LEVEL
ENERGY

Safe, Systematic Solution
to Asset Retirement



DIFFERENTIATED OPERATOR STEWARDING EXISTING ASSETS

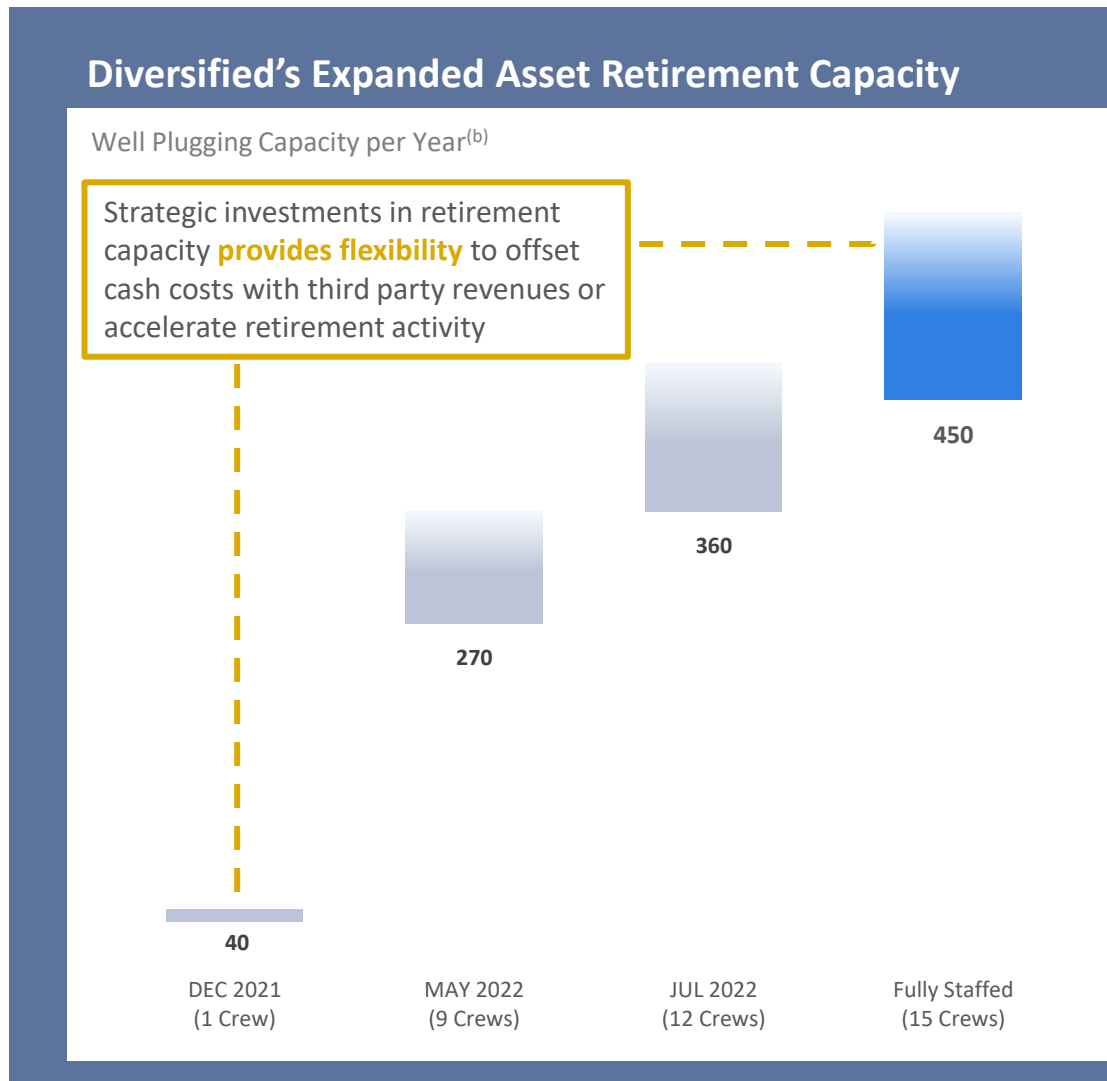




DEMONSTRATED COMMITMENT TO SAFE, SYSTEMATIC ASSET RETIREMENT



- 2018** **Established State-Level Agreements in Appalachia**
99% of assets covered by consent agreements by 2019
- 2020** **Extended State Agreements to 10 Year Minimum**
Enhanced visibility of cash flows for well plugging
- 2021** **Established Internal Well Retirement Program**
Focused in West Virginia, retired wells for 30% less than vendors
- 2021** **Commitment to retire 200 Wells Annually**
Expanded commitment exceeds state minimums by 150%^(a)
- 2022** **Expand Well Retirement Platform to 15 Rigs**
Capacity to meet annual commitments, perform third party work
- EVAL** **Pursue Carbon Capture & Sequestration Potential**
Alternatives to asset retirement that may further reduce cash costs



a) Calculated as 200 well commitment to be achieved by 2023, divided by the cumulative state plugging minimum requirement of 80 wells
 b) Assumes annual well plugging capacity per crew in a range of 30-40 wells per year



Positioned to Lead in Appalachian Asset Retirement

As a wholly-owned subsidiary of Diversified, Next LVL Energy is strategically advantaged among Appalachian retirement companies:

- Financial stability
- Corporate support of a FTSE250-listed operator
- Positioned to innovate well retirement techniques

Next LVL will drive thought leadership in asset retirement to increase efficiency and reduce costs as it works with operators and regulators to increase pace of retirements and orphan wells awaiting retirement



Differentiated Outlook on Asset Retirement

Stewardship from acquisition to retirement

DEC

Next LVL

Efficiencies Obtained through Operating Scale

Expanded size allows for unique, margin-enhancing ability to execute pod-based retirement strategy



Uniquely Situated for Program Management

Full-scope services from permitting to plugging enhance ability to provide services to states, other operators

Strategy Driven by Innovation not Repetition

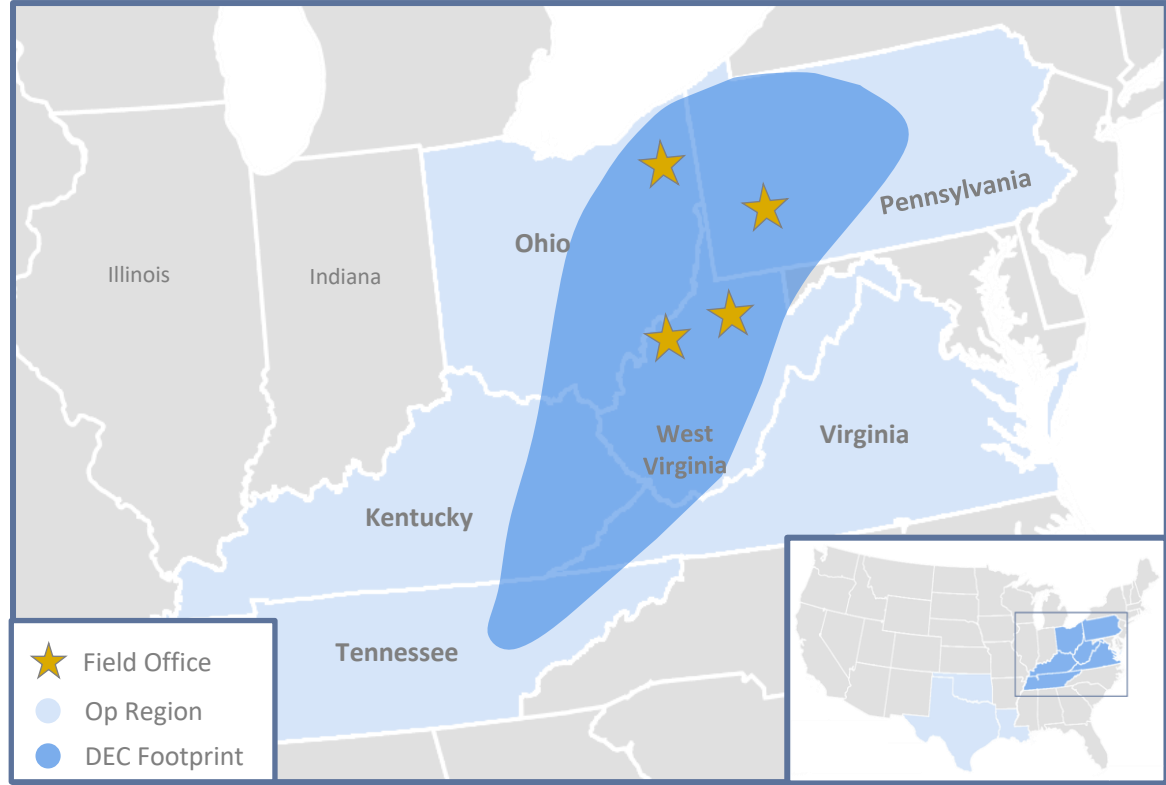
Cumulative experience from internal and third party retirement provides process enhancement insights





Becoming a Leader in Well Plugging

- Initial Focus in West Virginia, Ohio and Pennsylvania
- 12 crews and 15 rigs provide significant capacities and scale
- Positioned for future expansion



Consolidating Regional Expertise
 Acquisition of established service providers de-risks operations and enhances knowledge base

Operating as Next LVL Solutions
 Wholly-owned subsidiary to retire wells for Diversified and strategic third party partners

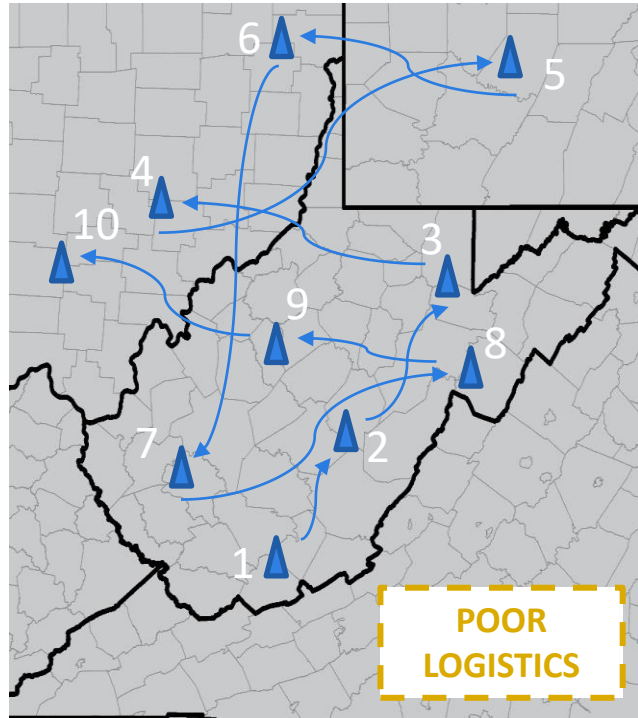
Investing in Integrated Solutions
 Improves control over operational execution and insulates from inflationary market pressures

Enhancing Consolidated Cash Flows
 Creates efficiencies in well retirement costs and introduces cost offset opportunities



Prior to Next LVL

(illustrative 1-rig, 1-crew example of 10 plug jobs)

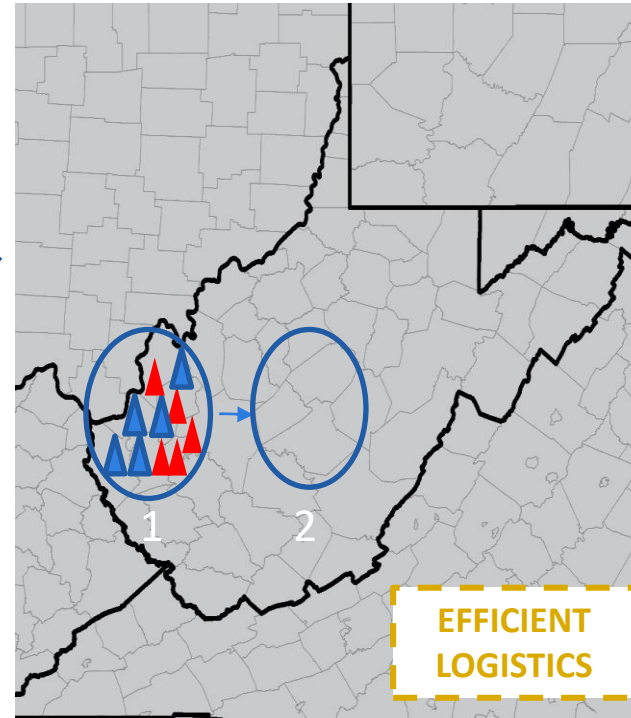


- Retire wells where and when you can (inefficient)
- Frequent rig moves reduce utilisation rates, increases costs
- No economies of scale



Next LVL Integrated Program

(illustrative 1-rig, 1-crew example of 10 plug jobs)



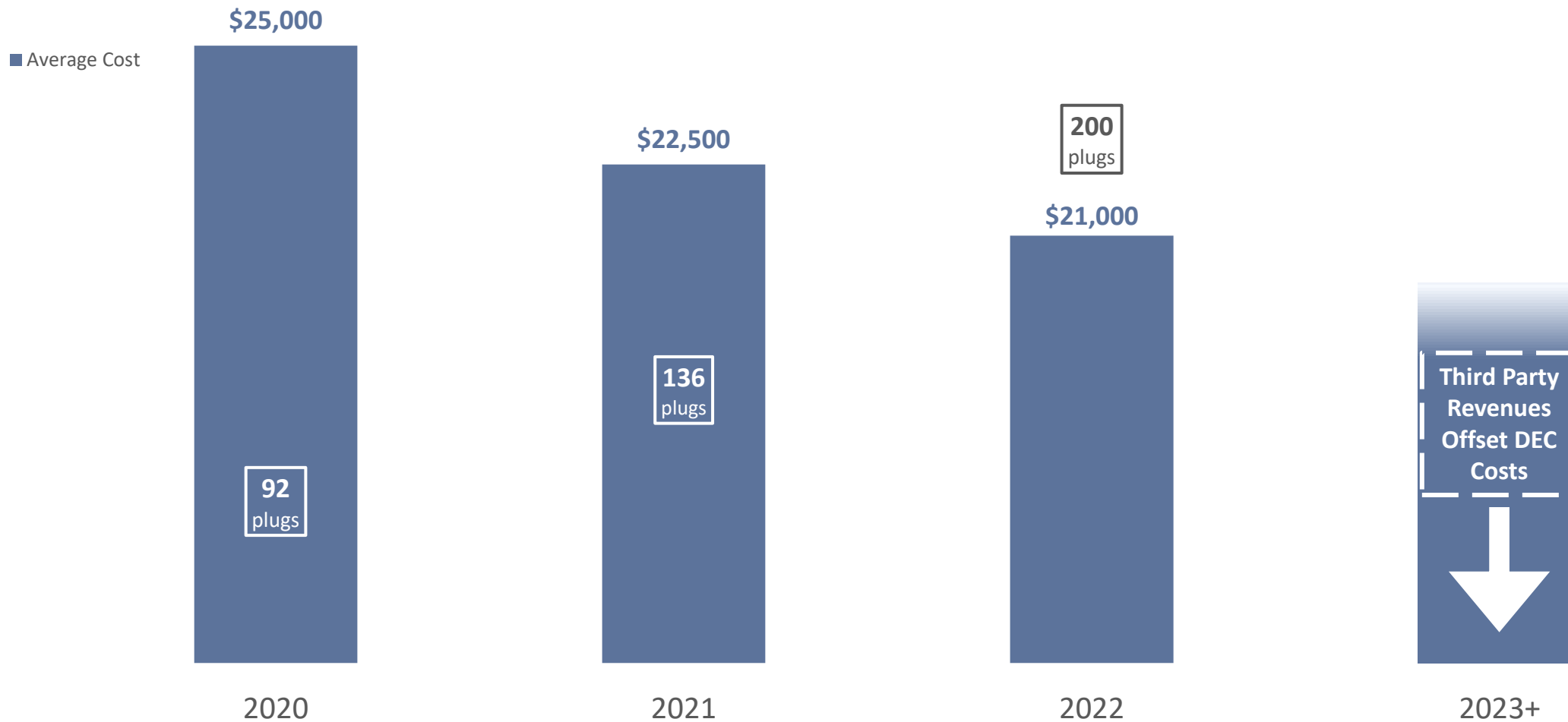
- Align operations with defined culture and strategy
- Implement efficient project management and logistics planning
- Utilise and develop technology to drive innovation

Value Adds:

- ✓ Low cost highly efficient rig moves
- ✓ Scale of retirement operations
- ✓ Procurement advantages
- ✓ Higher equipment utilisation
- ✓ Third party work offsets Diversified's cash costs



IMPROVING COST EFFICIENCIES WITH EXPANDED RETIREMENT PROGRAMME



Increasing Retirement

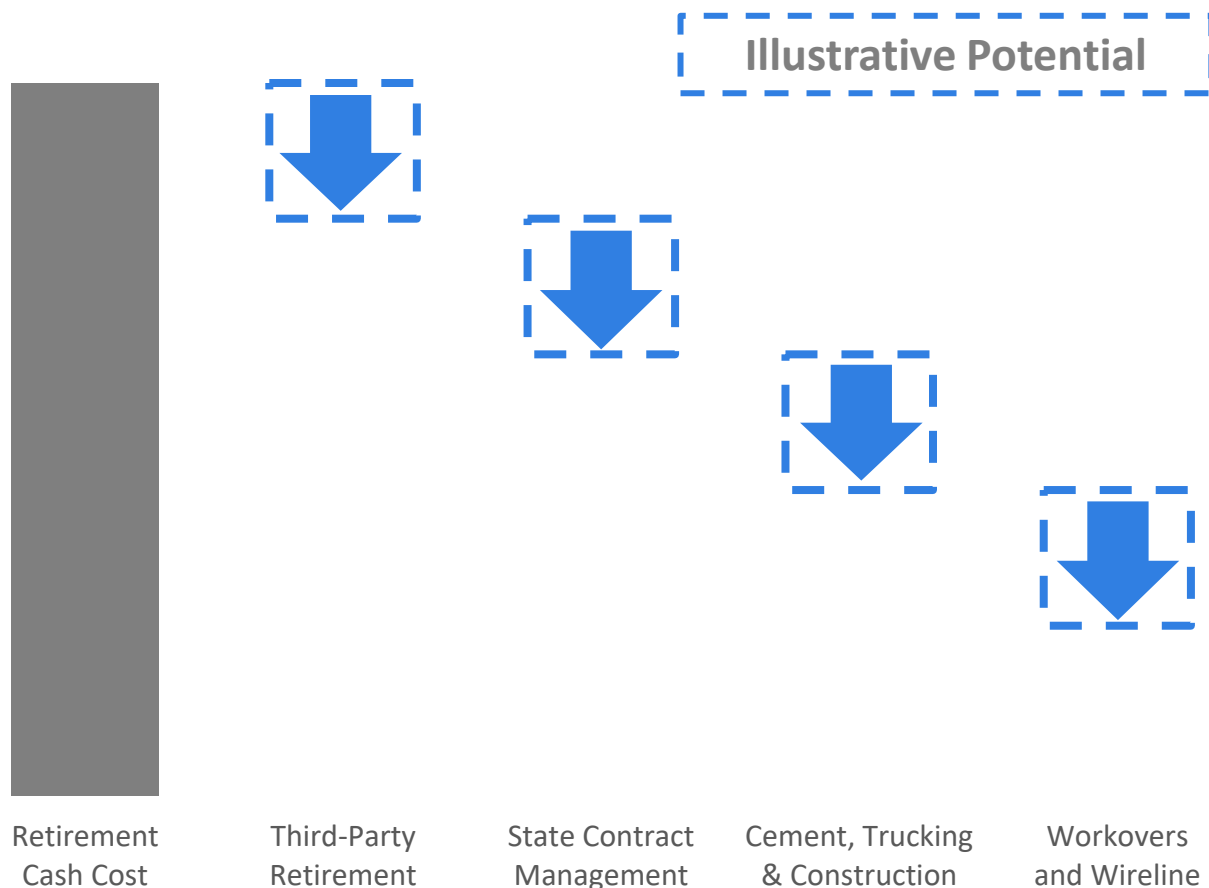
Reducing Costs

Expanding Capacity

Plugging volumes and average cost per well based as historically reported; Plugging volume and average cost per well for 2022 based on 200-well commitment by 2023 and 1H22 reported average cost per well; 2023+ presented for illustrative purposes only



Multi-stream revenue generation creates potential to **significantly offset future retirement cash costs**



Supplementary Revenue Streams

Maximizing utilization and building plugging experience by providing third party services

- 
State Contract Management
Leverage regional footprint and expertise to administer state plugging programs

- 
Cement, Trucking & Construction
Maximise utilisation of equipment and manpower

- 
Workovers and Wireline
Perform well maintenance services that leverage dual-purpose equipment



ILLUSTRATIVE: 50 YEAR COMPLETE PORTFOLIO RETIREMENT SCENARIO

\$8.0 billion in Free Cash Flows provide ~\$4.8 billion in dividend potential while also repaying all debt outstanding and generating sufficient Free Cash Flows to retire all wells without the use of a sinking fund

Dividend potential is a ~4x multiple of current Market Cap

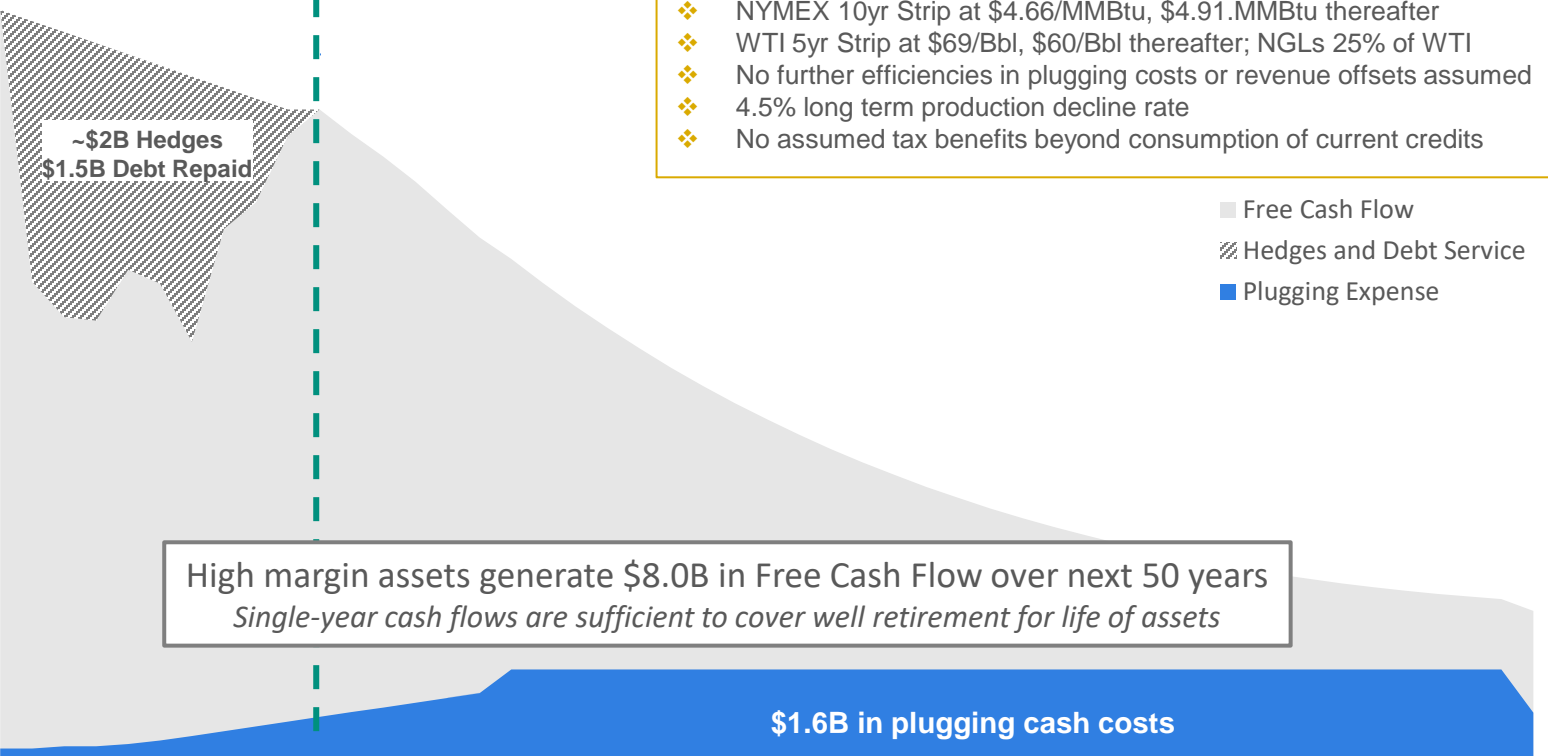
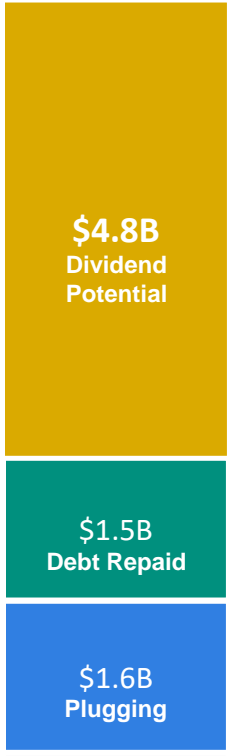
Undiscounted \$8.0B of FCF
(Operating CF less CapEx, Interest and Taxes)

\$1.5B in borrowings repaid by Year 10
(Includes ABS1-6 and SLL)

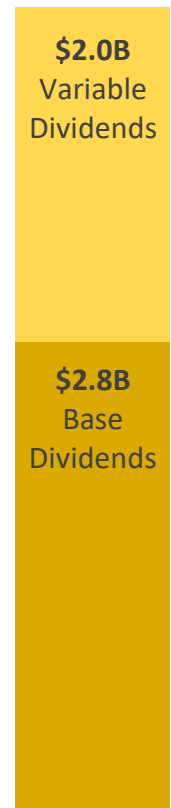
- Major Assumptions:**
- ❖ Full cash run-off, no further growth
 - ❖ Dividends held at 17¢/share for 5 years, calculated as 40% FCF plus residual FCF (after dividend repayment) thereafter
 - ❖ NYMEX 10yr Strip at \$4.66/MMBtu, \$4.91/MMBtu thereafter
 - ❖ WTI 5yr Strip at \$69/Bbl, \$60/Bbl thereafter; NGLs 25% of WTI
 - ❖ No further efficiencies in plugging costs or revenue offsets assumed
 - ❖ 4.5% long term production decline rate
 - ❖ No assumed tax benefits beyond consumption of current credits

~4x

\$4.8B
Dividend Potential



\$1.2B
Market Cap



\$0.1B
Other Expenses

Year	Cumulative Retirements
Year 1	
Year 10	~4,500
Year 20	~19,000
Year 30	~38,000
Year 40	~57,000
Year 50	~72,000

PDP Roll-off major assumptions: 10-year natural gas strip pricing at average of \$4.66/MMBtu with prices held flat thereafter at \$4.91; Differentials assumption of \$(0.55)/MMBtu; 5yr oil strip pricing at \$69/Bbl and \$60/Bbl thereafter; NGL pricing assumes realisations at 25% of WTI; 5% production terminal decline rate; Hedge Portfolio as of 26 October 2022; Dividends held flat at 17¢ per share for 5 years and then 40% of Free Cash Flows, plus all residual cash flows after debt repayment ("Variable Dividend"); Variable LOE expenses declining with production; fixed LOE/well declining as wells are plugged; G&A linked to both production declines and well count declines; midstream revenue and expense declining 3% annually; production taxes 4% of revenue; no cash tax benefits included; capital expenditures declining with production



Energy Transition Revenue Generation

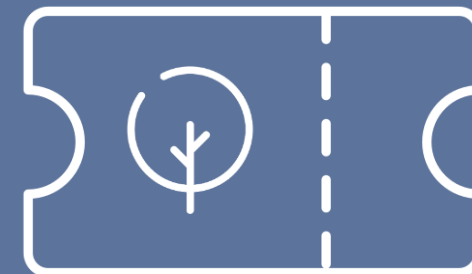
- ✓ Diversified's vast portfolio of wellbores and storage fields can expand the revenue pie by leveraging the growing demand for CCUS projects
- ✓ Potential to meaningfully reduce asset retirement costs by repurposing mature assets **without the need to plug**
- ✓ Commercial benefits & advancement to net zero

About Carbon Capture and Sequestration (CCS)

Carbon capture and sequestration (CCS) refers to a suite of technologies that can play an important and diverse role in meeting global energy and climate goals. CCS involves the capture of CO₂ from large point sources to be used in a range of applications or injected into deep geological formations (including depleted oil and gas reservoirs or saline formations) which trap the CO₂ for permanent storage.

Carbon Credits

Strategically timed retirement of wells has the potential to generate proceeds from sale of carbon credits



Carbon Sequestration

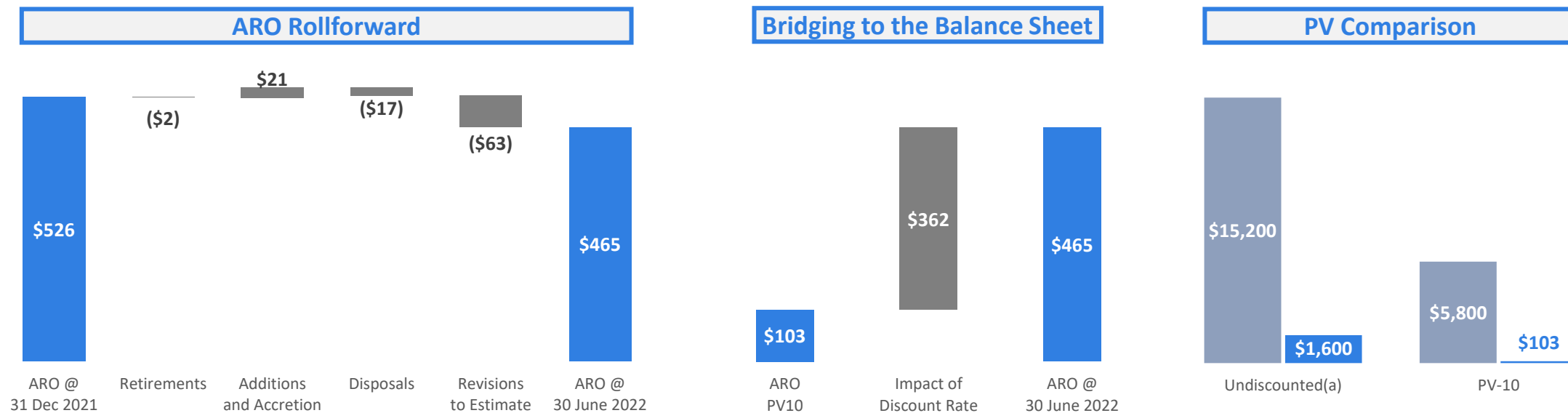
Existing wellbores have potential to become permanent sequestration sites of CO₂

Asset Retirement Obligation

Accounting for Future Well Plugging Costs



ACCOUNTING FOR ASSET RETIREMENT



Inputs	Underlying Determinants	Diversified Value	
Timing of Cash Outlay	<ul style="list-style-type: none"> Well life affirmed by Independent Reserve Engineer Smarter Asset Management impactful to well life Past performance serves as basis for determining expected well life Long-term agreements affirm long well life and near-term pace 	Range:	1-75 years
		Wtd Avg:	50 years
Amount of Cash Outlay	<ul style="list-style-type: none"> Well dynamics such as type and depth Well location and regulatory requirements Historical experience and demonstrated costs Market analyses, absent actual experience 	Gross Cost:	\$20-\$30K
		Wtd Avg net Cost:	~\$23K ^(b)
Discount Rate ^(b)	<ul style="list-style-type: none"> Reserve Valuation: Industry Standard rate of 10% Financial Statements (IFRS): a current market rate adjusted for risks specific to the liability 	PV10:	10.0%
		Financial Stmt:	3.24

As used herein and throughout this presentation, "ARO" is a commonly accepted acronym for "Asset Retirement Obligation"

a) Represents the undiscounted gross value of the field-level cash flows from PDP assets and related retirement obligation, respectively

b) Discount rate applied of 3.23% is calculated as discount rate of 5.23% (BBB-rated US Energy bond) offset by a 2% risk adjustment factor (e.g. long-term rate of inflation)



UNDERSTANDING THE DISCOUNT RATE FOR THE ARO LIABILITY

Applicable Guidance under IAS 37

- Best estimate at the balance sheet date
- Discounted present value

Discount factor reflects the:

Current market rate as adjusted for risks specific to the liability

Rate Analysis

- Diversified's ARO liability:
 - Unsecured obligation
 - Anticipate wells reach end of economic life and retired by 2095; consistent with our 31 December 2021 independent evaluation
 - **3.24%** discount rate applied^(a)

----- Quoted Market Data Best Source to Determine Appropriate Discount Rate -----

- Unsecured E&P Notes
 - 15yr US Energy BB and BBB Bond Index
 - Economically aligns with underlying long-term, unsecured liability
- Diversified has issued 6 ABS financings from 2019-2022
 - Credit Ratings at issuance: **BBB-** / **BBB+**
 - Amortising structure (term): **10yr** / **8yr**
 - Interest Rate: weighted average **5.7%** coupon

As used herein and throughout this presentation, "ARO" is a commonly accepted acronym for "Asset Retirement Obligation"

a) Discount rate applied of 3.23% is calculated as discount rate of 5.74% (determined by evaluating treasury rates as well as the 15-year BBB-rated US Energy bond) offset by a 2.5% risk adjustment factor (e.g. long-term rate of inflation)

Financial Review Council Highlight's Diversified's Disclosure Within October 2021 white paper on IAS37, the FRC calls out Diversified's reporting on the ARO as a reference example

10. Specific types of provision (continued)

Long-term provisions (continued)

Discounting should be clearly explained, as the effect of changes in timing or rate can be very significant in this type of provision. See also [page 24](#) for opportunities to improve discount rate disclosures.

In most cases, companies with long-term provisions provided sensitivity information for changes in the discount rate. However, it was rarely included for changes in the projected costs or timing of outflows.

⚠️ Two companies indicated that a future change in the assessment of the useful life of the asset to be decommissioned might affect the provision but provided no sensitivity for changes in the timing.

✅ Good disclosure quantified the movement arising from changes in the underlying assumptions during the period, including that arising from changes in the discount rate or expected outflows. One company went on to explain the basis for the change in the assumptions from the prior year-end.

Climate change may be expected to have a more significant effect on certain classes of long-term provisions, for example asset retirement obligations. Consequently, greater transparency in reporting key assumptions such as timing and estimated costs will be important.

b. At 31 December 2020, the Group performed normal revisions to its asset retirement obligations which resulted in a \$110,464 adjustment, of which \$102,686 relates to macroeconomic factors stemming largely from the Covid-19 pandemic that reduced bond yields and resulted in a lower discount rate applied to our asset retirement obligations liability. The remaining \$7,778 relates to pricing-related adjustments based on historical costs incurred to plug and abandon wells.

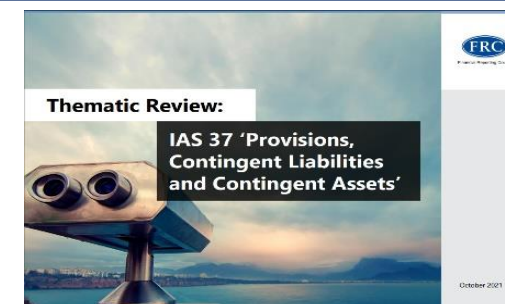
c. At 31 December 2019, the Group performed normal revisions to its asset retirement obligations which resulted in a \$46,736 adjustment, of which \$42,650 relates to macroeconomic factors that reduced bond yields and resulted in a lower discount rate applied to our asset retirement obligations liability. The remaining \$4,086 relates to pricing-related adjustments based on historical costs incurred to plug and abandon

Diversified Energy Company PLC (formerly Diversified Gas & Oil PLC), Annual Report 2020, p186

This company's disclosure explained the movement in the estimate as a result of the change to the discount rate and the expected costs, which included an explanation for the lower discount rate applied. The equivalent disclosure was also provided for the comparative period.

For more information:

Visit <https://www.frc.org.uk/accountants/corporate-reporting-review/corporate-reporting-thematic-reviews>





Impact to the Balance Sheet

- ✓ Recent efficiencies in asset retirement drive a reduction of ~\$10 million to the recorded liability
- ✓ Expanded internal capacity creates line of sight to further efficiencies and downward revisions
- ✓ Industry-leading retirement program provides insulation from future inflationary market pressures

For More Information

The Notes to the Company’s consolidated financial statements are an integral part of the Company’s financial reporting. For more information, please refer to the Appendix and the Company’s most recent Reports and Accounts, available at ir.div.energy/financial-info

2022 Interim Report: Note 18 - Asset Retirement Obligation

	Six Months Ended		Year Ended	
	30 June 2022		31 December 2021	
Balance at beginning of period	\$	525,589	\$	346,124
Additions		7,015		96,292
Accretion		14,003		24,396
Plugging Costs		(15,282)		(2,879)
Divestitures		(16,890)		(16,500)
Revisions to estimate		(62,819)		78,156
Balance at end of period	\$	465,316	\$	525,589

(\$74,410)

Decrease attributable to higher discount rate employed

(\$9,832)

Decrease for cost revisions associated with recent retirements

\$21,328

Increase due to improved retirement capacity and accelerated timeline



IMPACT OF CASH GENERATED THROUGH EXTERNAL OPPORTUNITIES

\$500M in Potential Vertical Integration Cost Savings

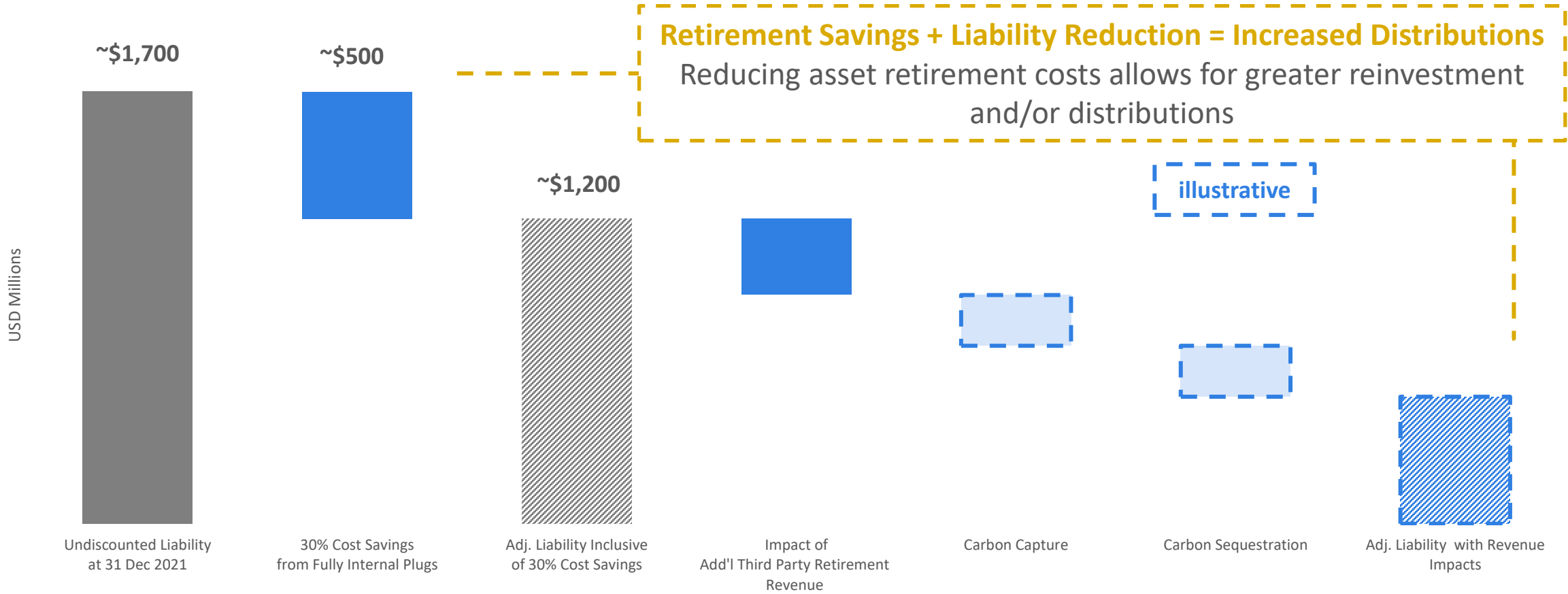
By realising 30% cost savings across all wells as achieved on 2021 internal plugging work ^(a)

Further Potential to Reduce Cash Costs

Utilising excess capacity to retire third party wells

Reduction in Potential Number of Wells to Retire

Carbon credit and carbon sequestration revenue streams



a) 2021 internal plugging pilot in West Virginia generated 30% cost savings when compared to plugs performed by third party rigs, as previously announced
 b) Based on excess capacity generated on announced goal of 200 wells plugged per year by 2023 with target internal staffing of 12 crews, assuming an annual plug rate of 35 wells per crew; Assumes cash margins of \$12,500/well over 75-year plugging program

Appendix

Diversified's Asset Retirement Process



ASSET RETIREMENT COMPARISONS

TYPICAL DEC GAS WELL

Generally ~\$20K-30K to Retire^(a)



OFFSHORE PLATFORM^(b)

Up to **Hundreds of Millions** to Retire^(c)



Compared to Offshore Decommissioning, **Retiring Onshore Wells Is**

Low Cost 

Low Risk 

Low Impact 

Quick 

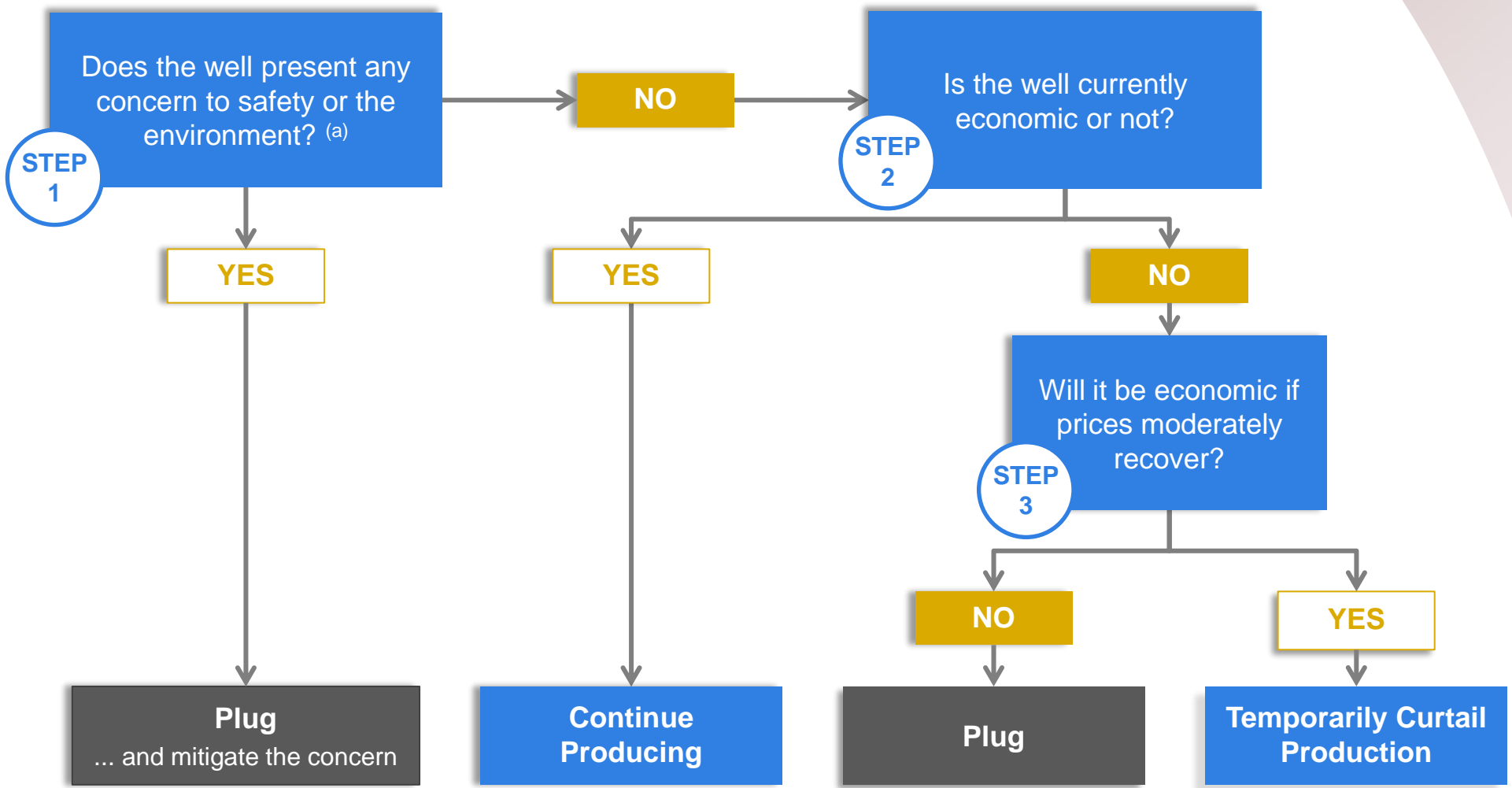
a) Based on historical asset retirement rates and Diversified's portfolio of assets and estimated average costs to retire

b) Photo of BP's Clair Ridge Platform

c) Refer to the average P50 value for North Sea assets as published in the UK Oil and Gas Authority's 2019 Cost Estimate Report, which may be found at <https://www.ogauthority.co.uk/decommissioning/cost-estimate/>



WHEN IS A WELL PLUGGED?





OUR SAFE, SYSTEMATIC, LOW-COST PLUGGING PROCESS

- 1 Plan the Plugging Job**
Specific to the asset being retired
- 2 Prepare the Well Site**
Leveraging in-house personnel
- 3 Remove Production Tubing**
If applicable, based on location
- 4 Set the Bottom-Hole Plug**
Establish the foundation for the job
- 5 Permanently Seal the Wellbore**
With strategically placed cement plugs
- 6 Remove Equipment**
And restore the natural surface

Additional Cost Saving Factors

Further savings can be achieved through the development of scale and an unwavering focus on safety and efficiency

- **Competitive bidding** process ensures optimal and typically fixed pricing
- **Price concessions** are often provided by vendors for increased utilisation relating to job volume
- **Geographical proximity** of wells contributes to reduced 3rd party costs
- **Frequency of plugging** activity and partnering internal resources with 3rd party vendors drives efficiencies and lowers in-house costs



2022 INTERIM REPORT FOOTNOTE DISCLOSURE: ASSET RETIREMENT OBLIGATIONS

The Group records a liability for the future cost of decommissioning its natural gas and oil properties, which it expects to incur at the end of the long-producing life of a well. Productive life varies within the Group's well portfolio and presently the Group expects all of its existing wells to have reached the end of their economic lives and be retired by approximately 2095 consistent with our reserve calculations which were independently evaluated by our independent engineers for the year ended 31 December 2021. The Group also records a liability for the future cost of decommissioning its production facilities and pipelines when required by contract, statute, or constructive obligation. The decommissioning liability represents the present value of estimated future decommissioning costs. No such contractual agreements or statutes were in place for the Group for the six months ended 30 June 2022 and year ended 31 December 2021.

In estimating the present value of future decommissioning costs of natural gas and oil properties the Group takes into account the number and state jurisdictions of wells, current costs to decommission by state and the average well life across its portfolio. The Directors' assumptions are based on the current economic environment and represent what the Directors believe is a reasonable basis upon which to estimate the future liability. However, actual decommissioning costs will ultimately depend upon future market prices at the time the decommissioning services are performed. Furthermore, the timing of decommissioning will vary depending on when the fields cease to produce economically, making the determination dependent upon future natural gas and oil prices, which are inherently uncertain.

The Group applies a contingency allowance for annual inflationary cost increases to its current cost expectations then discounts the resulting cash flows using a credit adjusted risk free discount rate. The inflationary adjustment is a US long-term 10-year rate sourced from consensus economics. When determining the discount rate of the liability, the Group evaluates treasury rates as well as the Bloomberg 15-year US Energy BB and BBB bond index which economically aligns with the underlying long-term and unsecured liability. Based on this evaluation the net discount rate used in the calculation of the decommissioning liability in 2022 and 2021 was 3.2% and 2.9%, respectively.

The composition of the provision for asset retirement obligations at the reporting date was as follows for the periods presented:

	Six Months Ended		Year Ended	
	30 June 2022		31 December 2021	
Balance at beginning of period	\$	525,589	\$	346,124
Additions ^(a)		7,015		96,292
Accretion		14,003		24,396
Plugging costs		(1,582)		(2,879)
Divestitures ^(b)		(16,890)		(16,500)
Revisions to estimate ^(c)		(62,819)		78,156
Balance at end of period	\$	465,316	\$	525,589
LESS: Current asset retirement obligations		3,151		3,399
Non-current asset retirement obligations	\$	462,165	\$	522,190

- a) Refer to Note 4 for additional information regarding acquisitions.
- b) Associated with the divestiture of natural gas and oil properties in the normal course of business. Refer to Notes 4 and 10 for additional information.
- c) As of 30 June 2022, the Group performed normal revisions to its asset retirement obligations, which resulted in a \$62,819 decrease in the liability. This decrease was comprised of a \$74,410 decrease attributable to a higher discount rate and \$9,832 in cost revisions for our recent experiences. The higher discount rate was a result of macroeconomic factors spurred by the increase in bond yields which have elevated with US treasuries to combat the current inflationary environment. Partially offsetting this decrease was a \$21,328 timing revision for the acceleration of our retirement plans made possible by the recent plugging acquisitions that improve our plugging capacity through the growth of our operational capabilities.

As of 31 December 2021, the Group performed normal revisions to its asset retirement obligations, which resulted in a \$78,156 increase in the liability. This increase was comprised of a \$109,306 increase attributable to the lower discount rate which was then offset by a \$27,038 reduction in anticipated ARO cost. The remaining change was attributable to timing. The lower discount rate was a result of macroeconomic factors spurred by the COVID-19 recovery, which reduced bond yields and increased inflation. Cost reductions are a result of the expansion of the Group's internal plugging programme and efficiencies gained.

Changes to assumptions for the estimation of the Group's asset retirement obligations could result in a material change in the carrying value of the liability. A reasonably possible 10% change in assumptions could have the following impact on the Group's asset retirement obligations as of 30 June 2022:

ARO Sensitivity	+10%	-10%
Discount rate	\$ (44,571)	\$ 51,072
Timing	26,530	(29,402)
Cost	46,532	(46,532)



DIVERSIFIED
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