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The financial information in this Presentation does not contain sufficient detail to allow a full understanding of the results of the Company. Please refer to the full results announcement for more detailed information. It is our intention that all of the information provided during this Presentation or in any follow-up discussion will either be publicly available information or, if not publicly available, information that we do not believe constitutes inside information or material non-public information about the Company. However, you are under an obligation to assess independently for yourself whether you are in possession of inside information, and when you cease to be in possession of inside information.



WHO ARE WE: OPERATOR OF U.S. ONSHORE DEVELOPED ASSETS

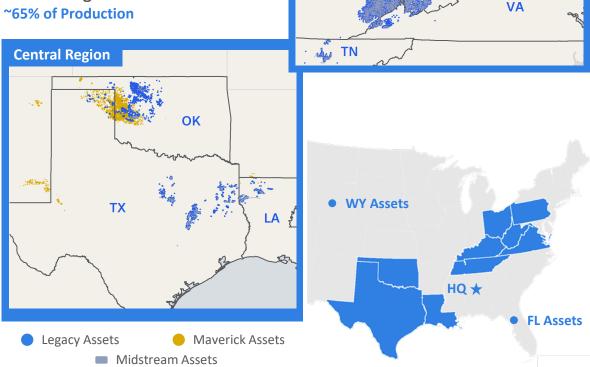
Appalachian Region:

~35% of Production

Total Combined Production: ~1.15 Bcfe/d^(a) **Total Combined Proved Reserves** 6 Bcfe^(b)

Central Region:

~65% of Production



Appalachian

Basin

KY

Investment Highlights

Growth Through Accretive Acquisitions

Production has increased >30x since 2017 IPO(c); ~\$585mm of acquisitions in 2024 at attractive valuation multiples and the acquisition of Maverick Natural Resources in Q1 2025 represents the largest acquisition to date (~\$1.3 Billion)

De-risked Production Model, Robust Margins in Various Price Environments

Dynamic hedging, with 60 – 80% of gas volumes hedged over next five years, peerleading production declines, and ABS structure reduce exposure to typical industry risk factors

Capital Efficient with High Free Cash Flow Conversion

Peer-leading capital efficiency and production declines, combined with low-interest rate debt enhance free cash flow conversion.

Modern Field Management Philosophy Leverages Technology and Scale

Investments in data-driven, real-time technologies yields the ability to manage assets with next-level insights and efficiencies

Unlocking Value of Undeveloped Acreage

8.6mm net acres(b) within operating footprint provide significant upside potential through monetization or organic development via strategic partnerships

Next LVL Energy: Setting a New Standard for Retirement

Financial stability, corporate support, innovative techniques, and strong industry and state relationships position Next LVL for future growth

Average daily production for 2Q25

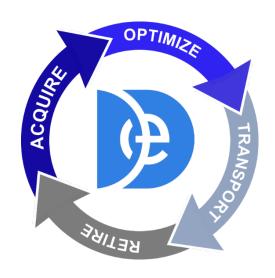
b) Total Company Proved Reserves as of 07/01/2025 Using Full NYMEX Price Deck Effective 6/30/2025 c) Calculated as the change in average daily production from the Company's February 2017 IPO. Includes the pending Maverick acquisition.



THE PUBLICLY TRADED CHAMPION OF THE PDP SUBSECTOR

Dynamic Multi-Basin Rollup Strategy

Extensive operational footprint establish platform to capture value by acquiring assets at attractive valuations throughout E&P capital cycles



Demonstrated Commitment to Returns

Returns-focused model prioritizes Free Cash Flow for debt reduction, dividend payments, share buybacks and accretive acquisitions

Distinctly Efficient PDP Operations

Vertically integrated operating, marketing, midstream and retirement capabilities enhance margins and increase allocable capital

Differentiated Sustainability Platform

Smarter Asset Management and emissions mitigation initiatives maximize production volumes and enable best-in-class sustainability reporting

Diversified's Unique Value-Creation Levers















DELIVERING ON A DE-RISKED PRODUCTION MODEL



Development/Operational Risk

- ✓ PDP focus eliminates the need for drill-bit exploration
- ✓ Smarter Asset Management enhances production
- ✓ Predictable, low & peer-leading corporate declines



Commodity Price Risk

 Dynamic hedging sustains realized pricing and delivers consistent cash margins



Financing Risk

- ✓ Investment grade, low fixed rate, fully amortizing debt limits interest rate and maturity exposure
- ✓ ABS structure provides natural de-leveraging

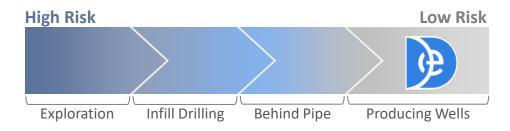


Environmental Risk

- ✓ Stewardship model focused on reducing emissions and improving already producing long-life assets
- ✓ Best-in-class sustainability reporting

Diversified's business model reduces exposure to typical industry risk factors

Oil & Gas Development Risk Spectrum



Positioned to Generate Consistent Cash Flow(a)





MULTI-DIMENSIONAL FOCUS ON OPTIMIZATION DRIVES RESULTS

Demonstrated Path of Accretive Growth



Second Quarter Financial & Operating Highlights

Production Exit Rate of 1,135 MMcfe/d

- 2Q 2025 avg. production of 1,149 MMcfe/d
- Maintained consolidated production decline of ~10% per year

Total Revenue, Inclusive of Hedges of \$510^(a) Million

- Total Revenues per Unit of \$4.88/Mcfe^(a)
- Expanding base includes Midstream, CMM, Next LvL, and portfolio optimization

Record Adjusted EBITDA of \$280 Million^(a)

- 63% Adj. EBITDA margin consistent with strong track record of cash generation^(a)
- Relatively consistent margins during early-stage integration & synergy capture
- 1H25 adj. EBITDA of \$418 Million demonstrates impact of post-maverick scale

Generated \$88 Million of Adjusted Free Cash Flow(b)

- Operating Cash Flow of \$133 million
- Significant portfolio optimization delivered \$68 million in cash proceeds(b)
- 1H25 adj. FCF^(b) of \$152M supported shareholder returns and debt repayment

Strengthened Balance Sheet with \$416 Million of Liquidity

- \$900 million credit facility and reduced 2025 Amortization by ~15%
- Reduction in leverage progressing to target level of 2.0x to 2.5x

a) Excludes certain amounts relating to Diversified's wholly owned asset retirement subsidiary, Next LVL Energy and includes proceeds from divestitures. Please refer to the Company's RNS announcement on August 11, 2025 for more information.
b) Adjusted Free Cash Flow includes proceeds from divestitures.



EXECUTING ON OUR STRATEGY- CREATING VALUE IN 1H 2025

Total stakeholder returns since 2017 IPO include ~\$2.0 billion in shareholder returns and debt principal payments

\$130 million

of debt principal payments



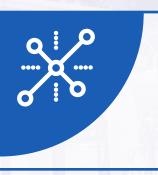


Strategic Share Repurchases ~\$43 million

value of shares repurchased(a)

****\$62 million**in Dividend Distributions(c)





Accretive Acquisitions ~\$2 billion

of recently completed acquisitions(b)

1H 2025 Total Proved Reserves^(d) of 5.98 Bcfe; increase of 65% vs. YE 2024 Illustrating the Strength, Resilience and Value of Our Asset Base

a) Share repurchases include the value of shares repurchase through Diversified announced Share Repurchase Program and the value of shares purchased by Diversified's Employee Benefit Trust (the "EBT") through August 1, 2025.

b) Value of completed acquisitions based on the on previously announced gross valuation, includes the Summit Natural Resources and Maverick Natural Resources acquisitions closed in first quarter of 2025. c) Includes dividends paid and declared during the calendar year 2025.

d) Total Company Proved Reserves as of 07/01/2025 Using Full NYMEX Price Deck Effective 6/30/2025



MARRYING ATTRACTIVE ASSETS WITH RISK-ADJUSTED CAPITAL



CARLYLE



Non-Dilutive Financing & Surety of Capital

Maintain capital flexibility, support long-term growth, and preserve shareholder value while expanding leadership in US PDP assets.



Shale Maturation Creates Compelling Acquisition Market

Growth-oriented E&Ps and Private Equity sponsors recycling capital through divestment of mature assets sets up ample targets for Diversified's continued growth



Reinforces Diversified's Industry Leading Position

Carlyle's global presence and proven track record align perfectly with our vision to be the leader in the management of existing PDP assets.



Industry Consolidation Provides Opportunity

Consolidation and push for lower industry-wide G&A creates opportunities for Diversified to be the go-to acquirer of quality PDP Assets under DEC's existing corporate infrastructure.



APPALACHIA AT THE CROSSROADS OF ENERGY AND AI

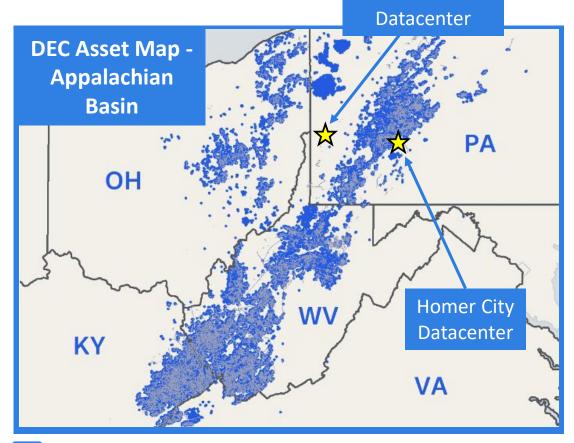
2025 Energy and Innovation Summit - Pittsburgh, PA

Senator Dave McCormick hosted POTUS, regulators, and CEOs of the largest Energy and Data Center corporations, which outlined significant investment in the region

Power Generation & Data Center Colocation

\$92B pledged for investment in Pennsylvania by parties including EQT, Blackrock, Meta, Google, AWS, Brookfield, Frontier Group, Equinor, and more





In-Basin Demand Points to Tighter Basis Spreads

Homer City expected ~ 0.665 BCF per day¹ and Bruce Mansfield expected ~ 0.8 BCF per day¹. With further investments anticipated, there is meaningful potential for tightening spreads in Appalachia

Bruce Mansfield

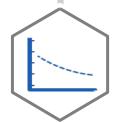


ACQUISITION DRIVES SIGNIFICANT FREE CASH FLOW GROWTH



Complementary Cash Flow Profiles

Robust and sustainable cash flow profiles from Diversified and Maverick provide platform for continued value creation



Benefits of Low Declines

Differentiated, industry-low corporate declines reduce capital intensity and benefits cash generation



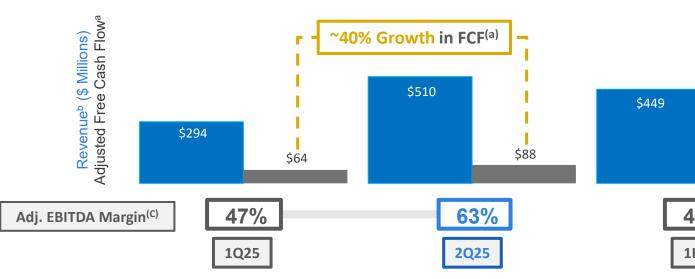
Commodity Diversification and Hedging

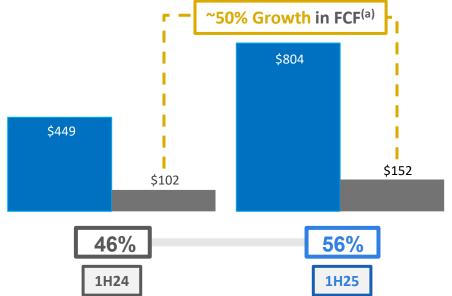
Balanced weighting of gas and liquids revenues, combined with geographical diversification insulates realized pricing



Additional Upside Through Synergies

Identified expense efficiencies drive sustained increased free cash flow generation





a) Adjusted Free Cash Flow includes proceeds from divestitures. Please refer to the Company's RNS announcement on August, 2025 for more information.

Includes the impact of derivatives settled in cash and proceeds from divestitures; For purposes of comparability, excludes certain amounts related to Diversified's wholly owned plugging subsidiary, Next LVL Energy

c) Excludes certain amounts relating to Diversified's wholly owned asset retirement subsidiary, Next LVL Energy and includes proceeds from divestitures. Please refer to the Company's RNS announcement on August, 2025 for more information.



SMARTER ASSET MANAGEMENT OPTIMIZING ASSET PERFORMANCE



Focused Workover Program

Operating ~2 workover rigs in the central region for maintenance as well as rod lift installs to optimize production



Disciplined Approach Managing Costs

DEC's consistent workover program has allowed workovers to **beat anticipated cost by ~14%**, and rod lift installs **by ~33%**



Increasing Production, Lowering LOE

Workovers have returned ~1,350 BOED, with average **payback less than 4.5 months**. Rod lift installs allow removal of gas lift compression and set up well lift until end of life, lowering LOE



Workover Rig and Oil Well near Kingfisher, OK



GET STUFF DONE "GSD" – SIGNIFICANT OPPORTUNITY AHEAD

Growth

- ➤ Carlyle \$2B Strategic Partnership: Expanding PDP Operations
 - > Scalable Acquisition Engine: Commodity and Geographic Diversification
- ➤ Data Center & LNG Demand: Ideal Geographic Operations Footprint
 - ➤ Coal Mine Methane: Low-Cost

 Adjacent MOAT Business
- ➤ JV No-Op Partnership: High Return

 Base Decline Replacement

Profitability

- > Synergistic Platform: Leveraging Scale and Operational Leverage
- ➤ Smarter Asset Management ("SAM"):

 Increased Efficiency, Enhanced

 Production, and Improving

 Environmental Impact
- ➤ Enhancing Cash Flows with Vertical Integration: Internal Marketing, Midstream Infrastructure, and Well Retirement
 - ➤ Active Portfolio Optimization

 Program: Unlocks Hidden Value and

 Free Cash Flow

Shareholder Focus

- Returns: Over Seven of Cash
 Generation Reflects Strength Business
 Model
- ➤ Strong Competitive Advantage: Capturing Acquisition Return Spread with Beneficial Low-Cost Financing
- ➤ Disciplined Capital Allocation: Systematic Debt Reduction, Fixed Per-Share Dividend, Strategic Share Repurchases, and Accretive Acquisitions



Adding Revenue Streams



Optimizing Existing Assets



Maximizing Value



Corporate

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