# UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of report (Date of earliest event reported): January 5, 2022

MURPHY OIL CORPORATION

(Exact Name of Registrant as Specified in Its Charter)

Delaware

1-8590

(Commission File Number)

71-0361522

(IRS Employer Identification No.)

Name of each exchange on which registered

New York Stock Exchange

9805 Katy Fwy, Suite G-200 Houston, Texas (Address of Principal Executive Offices)

**77024** (Zip Code)

Registrant's telephone number, including area code: (281) 675-9000

Not applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

(State or Other Jurisdiction of Incorporation)

Title of each class Symbol

Common Stock, \$1.00 Par Value MUR

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 ( $\S 230.405$  of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 ( $\S 240.12b-2$  of this chapter). Emerging growth company  $\square$ 

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

#### Item 7.01. Regulation FD Disclosure.

On January 6, 2022, Roger W. Jenkins, President & Chief Executive Officer of Murphy Oil Corporation (the "Company"), will meet with certain investors in connection with the Company's participation at the Goldman Sachs Global Energy and Clean Technology Conference. Attached hereto as Exhibit 99.1 is a copy of the presentation prepared by the Company in connection such meetings.

The information in this Item 7.01, including Exhibit 99.1, is being furnished and shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended ("Exchange Act"), or otherwise subject to the liabilities of that Section, and shall not be incorporated by reference into any registration statement or other document pursuant to the Securities Act of 1933, as amended, or the Exchange Act, except as otherwise expressly stated in such filing.

This Current Report on Form 8-K, including the information furnished pursuant to Item 7.01 and the related Item 9.01 hereto, contains forward-looking statements as defined in the Private Securities Litigation Reform Act of 1995. These statements, which express management's current views concerning future events or results, are subject to inherent risks and uncertainties. Forward-looking statements are generally identified through the inclusion of words such as "aim," "anticipate," "believe," "drive," "estimate," "expressed confidence," "forecast," "future," "goal," "guidance," "intend," "man," "objective," "outlook," "plan," "position," "potential," "project," "seek," "should," "strategy," "target," "will" or variations of such words and other similar expressions. These statements, which express management's current views concerning future events or results, are subject to inherent risks and uncertainties. Factors that could cause one or more of these future events or results not to occur as implied by any forward-looking statement include, but are not limited to: macro conditions in the oil and gas industry, including supply/demand levels, actions taken by major oil exporters and the resulting impacts on commodity prices; increased volatility or deterioration in the success rate of the Company's exploration programs or in the Company's ability to maintain production rates and replace reserves; reduced customer demand for the Company's products due to environmental, regulatory, technological or other reasons; adverse foreign exchange movements; political and regulatory instability in the markets where the Company does business; the impact on the Company's operations or market of health pandemics such as COVID-19 and related government responses; other natural hazards impacting the Company's operations or market; any other deterioration in the Company's business, markets or prospects; any failure to obtain necessary regulatory approvals; any inability to service or refinance the Company's outstanding debt or to

#### Item 9.01. Financial Statements and Exhibits.

#### (d) Exhibits

- 99.1 <u>Murphy Oil Corporation Presentation dated January 2022.</u>
- 104 Cover Page Interactive Data File (embedded within the Inline XBRL document).

#### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

MURPHY OIL CORPORATION Date: January 5, 2022

By:

/s/ Christopher D. Hulse
Name: Christopher D. Hulse
Title: Vice President and Controller



ROGER W. JENKINS

PRESIDENT & CHIEF EXECUTIVE OFFICER

## Cautionary Statement and Investor Relations Contacts

Cautionary Note to US Investors – The United States Securities and Exchange Commission (SEC) requires oil and natural gas companies, in their filings with the SEC, to disclose proved reserves that a company has demonstrated by actual production or conclusive formation tests to be economically and legally producible under existing economic and operating conditions. We may use certain terms in this presentation, such as "resource", "gross resource", "recoverable resource", "net risked PMEAN resource", "recoverable oil", "resource base", "EUR" or "estimated ultimate recovery" and similar terms that the SEC's rules prohibit us from including in filings with the SEC. The SEC permits the optional disclosure of probable and possible reserves in our filings with the SEC. Investors are urged to consider closely the disclosures and risk factors in our most recent Annual Report on Form 10-Q or Current Report on Form 8-K that we file, available from the SEC's website.

Forward-Looking Statements — This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are generally identified through the inclusion of words such as "aim", "anticipate", "believe", "drive", "estimate", "exprecs", "expressed confidence", "forecast", "future", "goal", "guidance", "intend", "may", "objective", "outlook", "plan", "position", "potential", "project", "seek", "should", "strategy", "target", "will" or variations of such words and other similar expressions. These statements, which express management's current views concerning future events or results, are subject to inherent risks and uncertainties. Factors that could cause one or more of these future events or results not to occur as implied by any forward-looking statement include, but are not limited to: macro conditions in the oil and natural gas industry, including supply/demand levels, actions taken by major oil exporters and the resulting impacts on commodity prices; increased volatility or deterioration in the success rate of our exploration programs or in our ability to maintain production rates and replace reserves; reduced customer demand for our products due to environmental, regulatory, technological or other reasons; adverse foreign exchange movements; political and regulatory instability in the markets where we do business; the impact on our operations or market of health pandemics such as COVID-19 and related government responses; other natural hazards impacting our operations or markets; any other deterioration in our business, markets or prospects; any failure to obtain necessary regulatory approvals; any inability to service or refinance our outstanding debt or to access debt markets at acceptable prices; or adverse developments in the US or global capital markets, credit markets or economies in general. For further discussion of factors that could cause one or more of these future events or results not to occur as implied by any forwa

Non-GAAP Financial Measures - This presentation refers to certain forward-looking non-GAAP measures. Definitions of these measures are included in the appendix.

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# Agenda



Company Overview

Murphy Priorities

Murphy Portfolio

Looking Ahead





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## Murphy at a Glance

# Murphy is an independent exploration and production company, producing in three areas with an advantaged portfolio and exploration upside



#### **Onshore United States**

- Eagle Ford Shale on private lands in Texas with ~1,400 future locations on ~134,000 net acres
- Produced 37.3 MBOEPD in 3Q 2021, comprised of 70% oil and 86% liquids



#### **Onshore Canada**

- Tupper Montney ~1,400 future locations on ~100,000 net acres, produced 292 MMCFD in 3Q 2021
- Kaybob Duvernay ~600 future locations on ~170,000 net acres, produced 8.9 MBOEPD in 3Q 2021



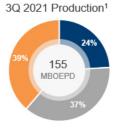
#### Offshore Deepwater Gulf of Mexico

- Fifth largest producer in the Gulf of Mexico, produced 56 MBOEPD<sup>1</sup> in 3Q 2021
- Executing 3 major projects on schedule, with first oil expected in 2022



#### Exploration

 ~1.1 BBOE of risked mean resources and more than 8 MM net acres across Gulf of Mexico, offshore Mexico, Brazil and Vietnam







■ US Onshore ■ Offshore ■ Canada Onshore







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## Why Murphy Oil?



Sustainable oil and natural gas assets that are safely operated with low carbon emissions intensity in three operating areas across North America



High-potential exploration portfolio with industry-leading offshore capabilities



Strong generator of free cash flow with capital allocation flexibility



Financial discipline has led to 60-year track record of returning capital to shareholders



Supported by multi-decade founding family, with meaningful board and management ownership









## Low Emissions Intensity Energy Generation

- Lowering emissions intensity 15-20% by 2030
- · Realizing lower costs while reducing environmental impacts
- Deepwater offshore assets have the lowest carbon intensity in global oil-producing fields
- Monitoring and evaluating further actions to decarbonize

Ranked top-quartile in low carbon intensity for 2020 among oil-weighted peers







NYSE: MUR

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## 2021 Sustainability Report Highlights

#### Continued Environmental Leadership and Stewardship

- · Revised and strengthened climate change position
- Obtained third-party assurance of 2020 Scope 1 and 2 GHG emissions
- Established goal of zero routine flaring by 2030
- · Evaluating methane and flaring intensity targets

#### **Progressed Environmental Goals**

- · Achieved 47% reduction in Scope 1 and 2 GHG emissions since 2016
- · Reduced GHG emissions intensity by 10% in 2020 from 2019 baseline

#### **Committed to Our People and Communities**

- Operating safely while minimizing interruptions throughout COVID-19
- · Instituted Human Rights Policy
- · Ongoing philanthropy

#### **Expanded Diversity, Equity and Inclusion Efforts and Reporting**

- · Advanced internal DE&I awareness
- · Established employee-led DE&I committee
- Increased disclosures of Equal Employment Opportunity (EEO-1) diversity data





Ranked #1 in Governance by ISS since 2018





### High-Potential Exploration Portfolio With Leading Offshore Execution Ability

#### **Focused and Meaningful**

- · Four primary exploration areas
- · Targeting 3 to 5 exploration wells per year

#### **Reduced Risk**

· Leveraging strategic partnerships

#### **Strategic Themes**

- · Consistent US Gulf of Mexico program
- · High-impact potential from Brazil and Mexico

#### **Significant Resource Base**

- ~1.1 BBOE net risked resources
- · ~6 MM net acres

#### **Strong Execution Ability**

 Maintained schedule on major operated Gulf of Mexico projects throughout COVID-19

King's Quay Enroute on Heavy Lift Vessel







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Leaning Into Challenges with Sustainable Solutions

#### **DELEVER**

- Redeemed \$150 MM of 2024 Senior Notes in 3Q 2021
- Announced additional \$150 MM senior notes redemption to occur in Dec 2021
- Achieved long-term debt reduction goal of \$300 MM; reduced total debt ~17% in FY 2021

#### **EXECUTE**

- Transported King's Quay FPS safely and on schedule to Texas coast ahead of first oil in 1H 2022
- Remain on schedule for first oil for major offshore projects
- Reduced CAPEX guidance midpoint by \$20 MM to \$680 MM for FY 2021
- Terra Nova asset life extension project sanctioned by partner group

#### **EXPLORE**

- Non-op Silverback well in Gulf of Mexico reached total depth, well plugged and abandoned and team assessing results in adjacent blocks
- Cutthroat exploration well in Brazil planned to spud
- Advanced 2022 exploration drilling program plans with partners in offshore Mexico and Gulf of Mexico





### King's Quay Floating Production System

· Mooring in progress in Gulf of Mexico

#### **Terra Nova FPSO**

· In Spain for drydock repairs

### **Gulf of Mexico Major Projects**

- · Well completions have commenced
- Remain on track for first oil in 1H 2022

#### **Gulf of Mexico Federal Lease Sale 257**

· Apparent high bidder on 3 deepwater blocks

#### **Eagle Ford Shale**

· 4 operated Catarina wells now online

#### **Debt Reduction Plan**

- Redeemed \$150 MM of 2024 Notes on Dec 2
- Achieved \$300 MM long-term debt reduction goal for FY 2021

### **Maintaining Guidance**

- 4Q 2021 production 145.5 153.5 MBOEPD
- FY 2021 production 156.5 158.5 MBOEPD
- FY 2021 CAPEX \$675 \$685 MM





## Strong Cash Flow Generation Supports Shareholder Initiatives

#### Flexible Capital to Maximize FCF Generation

- · All assets generated FCF YTD 3Q 2021, excluding corporate activities
- · Lowered FY 2021 CAPEX guide midpoint by \$20 MM to \$680 MM

#### **Executing Debt Reduction Plan**

- · Achieving goal of \$300 MM long-term debt reduction in 2021
  - · Initial \$150 MM of 2024 Notes redeemed in 3Q 2021
  - · Additional \$150 MM of 2024 Notes redeemed in 4Q 2021
- · Achieve 50% total debt reduction by YE 2024 at \$55 long-term WTI oil price

#### **Long-Term Dividend Commitment**

- · FCF generation supports long-standing dividend
  - \$77 MM annualized FY 2021



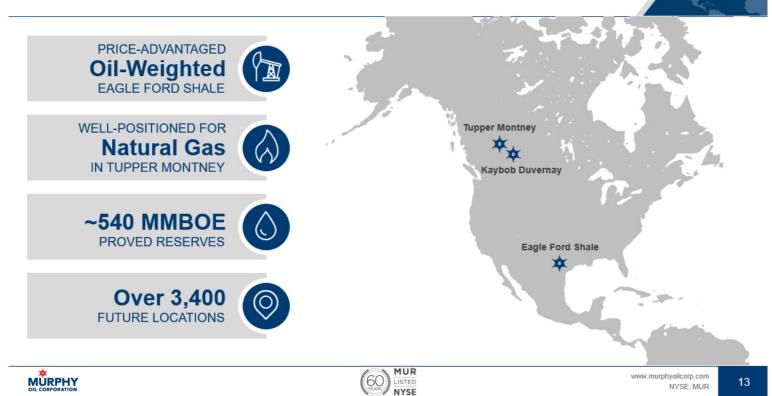








## Concentrated Onshore Portfolio With Multi-Year Inventories



### Well-Established Gulf of Mexico Portfolio











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## High-Impact Exploration Portfolio







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## Disciplined Execution to Achieve Production Goals

#### **Production Guidance**

- 4Q 2021 production of 145.5 153.5 MBOEPD
  - · Midpoint of oil production at 81 MBOPD
  - Includes 4.5 MBOEPD of Gulf of Mexico facility downtime for quarter, which occurred in October, and 2.2 MBOEPD of net planned non-op downtime for the quarter
- FY 2021 production of 156.5 158.5 MBOEPD
  - 55% oil, 61% liquids-weighted production
  - Oil midpoint of 87 MBOPD up 6% from original guide of 82 MBOPD, achieved through better well performance and execution
  - Hurricane Ida production impact of 4.4 MBOEPD in FY 2021

2021	Production 4Q 2021	145.5 — 153.5 мвоерд
GUIDANCE	Production FY 2021	<b>156.5</b> – <b>158.5</b> мвоерд
/	CAPEX FY 2021	\$675 — \$685 мм

Accrual CAPEX, based on midpoint of guidance range and excluding noncontrolling interest





## Disciplined Strategy Leads to Long-Term Value

## Delever, Execute, Explore

2021 - 2024

Achieve < \$1.4 BN debt by 2024\*

Spend annual average CAPEX of ~\$600 MM

Deliver production CAGR of ~6% in 2021 - 2024

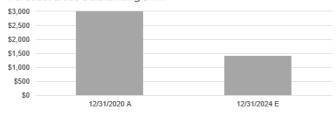
Produce consistent oil-weighting, ~50% in 2021 - 2024

Maintain offshore production average of  $\sim$ 75 MBOEPD in 2021 - 2024

Advance exploration portfolio of > 1 BBOE net risked potential resources

Pay consistent dividend to shareholders

#### Forecast Debt Outstanding \$MMs



\* Assumes long-term \$55 VV I I oil price

#### **Capital Allocation Optionality**

Reduce debt further

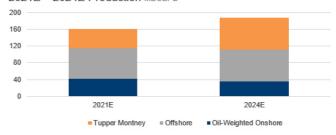
Allocate additional capital to assets

Fund exploration success

Evaluate strategic A&D opportunities

Return additional cash to shareholders

#### 2021E - 2024E Production MBOEPD



Note: Oil-weighted onshore includes Eagle Ford Shale and Kaybob Duvernay





#### **DELEVER**

- Achieving goal for 2Q 4Q 2021 long-term debt reduction of \$300 MM, for total of ~17% reduction FY 2021
- Plan allows for long-term debt reduction to ~\$1.4 BN by YE 2024 from YE 2020\*, with potential for further reductions long-term

#### **EXECUTE**

- Progress major projects in the Gulf of Mexico ahead of first oil in 1H 2022
- Continue achieving drilling and completions cost efficiencies and lowering emissions intensity
- Maintain strong safety and environmental metrics

#### **EXPLORE**

- Focus on drilling non-op well in Brazil
- Continue evaluating results following non-op wells drilled in Gulf of Mexico and Brunei in 2021
- Advance 2022 exploration drilling program plans with partners in offshore Mexico and Gulf of Mexico

\* Assumes long-term \$55 WTI oil price





## Why Murphy Oil?



Sustainable oil and natural gas assets that are safely operated with low carbon emissions intensity in three operating areas across North America



High-potential exploration portfolio with industry-leading offshore capabilities



Strong generator of free cash flow with capital allocation flexibility



Financial discipline has led to 60-year track record of returning capital to shareholders



Supported by multi-decade founding family, with meaningful board and management ownership













ROGER W. JENKINS

PRESIDENT & CHIEF EXECUTIVE OFFICER

# **Appendix**



Non-GAAP Definitions and Reconciliations

Glossary of Abbreviations

Hedging Positions

Supplemental Information

Acreage Maps





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### Non-GAAP Financial Measure Definitions and Reconciliations

The following list of Non-GAAP financial measure definitions and related reconciliations is intended to satisfy the requirements of Regulation G of the Securities Exchange Act of 1934, as amended. This information is historical in nature. Murphy undertakes no obligation to publicly update or revise any Non-GAAP financial measure definitions and related reconciliations.





### Non-GAAP Reconciliation

#### **EBITDA and EBITDAX**

Murphy defines EBITDA as net income (loss) attributable to Murphy¹ before interest, taxes, depreciation, depletion and amortization (DD&A). Murphy defines EBITDAX as net income (loss) attributable to Murphy before interest, taxes, DD&A and exploration expense.

Management believes that EBITDA and EBITDAX provide useful information for assessing Murphy's financial condition and results of operations and are widely accepted financial indicators of the ability of a company to incur and service debt, fund capital expenditure programs, pay dividends and make other distributions to stockholders.

EBITDA and EBITDAX, as reported by Murphy, may not be comparable to similarly titled measures used by other companies and should be considered in conjunction with net income, cash flow from operations and other performance measures prepared in accordance with generally accepted accounting principles (GAAP). EBITDA and EBITDAX have certain limitations regarding financial assessments because they exclude certain items that affect net income and net cash provided by operating activities. EBITDA and EBITDAX should not be considered in isolation or as a substitute for an analysis of Murphy's GAAP results as reported.

\$ Millions	Three Months Ended – Sept 30, 2021	Three Months Ended – Sept 30, 2020		
Net income (loss) attributable to Murphy (GAAP)	108.5	(243.6)		
Income tax expense (benefit)	36.8	(62.6)		
Interest expense, net	46.9	45.2		
DD&A expense	182.8	219.7		
EBITDA attributable to Murphy (Non-GAAP)	375.0	(41.3)		
Exploration expense	24.5	12.1		
EBITDAX attributable to Murphy (Non-GAAP)	399.5	(29.2)		

1 'Attributable to Murphy' represents the economic interest of Murphy excluding a 20% noncontrolling interest in MP GOM.





### Non-GAAP Reconciliation

#### ADJUSTED EBITDA

Murphy defines Adjusted EBITDA as net income (loss) attributable to Murphy¹ before interest, taxes, depreciation, depletion and amortization (DD&A), impairment expense, discontinued operations, foreign exchange gains and losses, mark-to-market gains and losses on derivative instruments, accretion of asset retirement obligations and certain other items that management believes affect comparability between periods.

Adjusted EBITDA is used by management to evaluate the company's operational performance and trends between periods and relative to its industry competitors.

Adjusted EBITDA may not be comparable to similarly titled measures used by other companies and it should be considered in conjunction with net income, cash flow from operations and other performance measures prepared in accordance with generally accepted accounting principles (GAAP). Adjusted EBITDA has certain limitations regarding financial assessments because it excludes certain items that affect net income and net cash provided by operating activities. Adjusted EBITDA should not be considered in isolation or as a substitute for an analysis of Murphy's GAAP results as reported.

\$ Millions, except per BOE amounts	Three Months Ended – Sept 30, 2021	Three Months Ended – Sept 30, 2020
EBITDA attributable to Murphy (Non-GAAP)	375.0	(41.3)
Mark-to-market (gain) loss on derivative instruments	(55.9)	69.3
Impairment of assets	-	186.5
Mark-to-market loss on contingent consideration	28.4	14.0
Asset retirement obligation gains	(71.8)	Y-1
Accretion of asset retirement obligations	10.8	10.8
Unutilized rig charges	3.2	5.2
Foreign exchange (gains) losses	(2.8)	0.8
Discontinued operations loss	0.7	0.8
Restructuring expenses	-	5.0
Seal insurance proceeds	-	(1.7)
Adjusted EBITDA attributable to Murphy (Non-GAAP)	287.6	249.4
Total barrels of oil equivalents sold from continuing operations attributable to Murphy (thousands of barrels)	14,219	14,166
Adjusted EBITDA per BOE (Non-GAAP)	20.23	17.61

1 'Attributable to Murphy' represents the economic interest of Murphy excluding a 20% noncontrolling interest in MP GOM.





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### Non-GAAP Reconciliation

#### ADJUSTED EBITDAX

Murphy defines Adjusted EBITDAX as net income (loss) attributable to Murphy¹ before interest, taxes, depreciation, depletion and amortization (DD&A), exploration expense, impairment expense, discontinued operations, foreign exchange gains and losses, mark-to-market gains and losses on derivative instruments, accretion of asset retirement obligations and certain other items that management believes affect comparability between periods.

Adjusted EBITDAX is used by management to evaluate the company's operational performance and trends between periods and relative to its industry competitors.

Adjusted EBITDAX may not be comparable to similarly titled measures used by other companies and it should be considered in conjunction with net income, cash flow from operations and other performance measures prepared in accordance with generally accepted accounting principles (GAAP). Adjusted EBITDAX has certain limitations regarding financial assessments because it excludes certain items that affect net income and net cash provided by operating activities. Adjusted EBITDAX should not be considered in isolation or as a substitute for an analysis of Murphy's GAAP results as reported.

	There Manager Forded   Cont. 20, 2024	There Months Forded - Cont 20, 2020
\$ Millons, except per BOE amounts	Three Months Ended – Sept 30, 2021	Three Months Ended – Sept 30, 2020
EBITDAX attributable to Murphy (Non-GAAP)	399.5	(29.2)
Mark-to-market (gain) loss on derivative instruments	(55.9)	69.3
Impairment of assets	-	186.5
Mark-to-market loss on contingent consideration	28.4	14.0
Asset retirement obligation gains	(71.8)	1-1
Accretion of asset retirement obligations	10.8	10.8
Unutilized rig charges	3.2	5.2
Foreign exchange (gains) losses	(2.8)	0.8
Discontinued operations loss	0.7	0.8
Restructuring expenses	-	5.0
Seal insurance proceeds	-	(1.7)
Adjusted EBITDAX attributable to Murphy (Non-GAAP)	312.1	261.5
Fotal barrels of oil equivalents sold from continuing operations attributable to Murphy thousands of barrels)	14,219	14,166
Adjusted EBITDAX per BOE (Non-GAAP)	21.95	18.46

1 'Attributable to Murphy' represents the economic interest of Murphy excluding a 20% noncontrolling interest in MP GOM.





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## Glossary of Abbreviations

BBL: Barrels (equal to 42 US gallons)

BCF: Billion cubic feet

BCFE: Billion cubic feet equivalent

**BN:** Billions

BOE: Barrels of oil equivalent (1 barrel of oil

or 6,000 cubic feet of natural gas)

**BOEPD:** Barrels of oil equivalent per day

BOPD: Barrels of oil per day

CAGR: Compound annual growth rate

D&C: Drilling & completion

DD&A: Depreciation, depletion & amortization

**EBITDA:** Income from continuing operations before taxes, depreciation, depletion and amortization, and net interest expense

**EBITDAX:** Income from continuing operations before taxes, depreciation, depletion and amortization, net interest expense, and exploration expenses

EFS: Eagle Ford Shale

**EUR:** Estimated ultimate recovery

F&D: Finding and development

G&A: General and administrative expenses

GOM: Gulf of Mexico

LOE: Lease operating expense

MBOE: Thousands barrels of oil equivalent

MBOEPD: Thousands of barrels of oil

equivalent per day

MCF: Thousands of cubic feet

MCFD: Thousands cubic feet per day

MM: Millions

MMBOE: Millions of barrels of oil equivalent

MMCF: Millions of cubic feet

MMCFD: Millions of cubic feet per day

NA: North America

NGL: Natural gas liquid

ROR: Rate of return

R/P: Ratio of proved reserves to annual

production

TCF: Trillion cubic feet

TCPL: TransCanada Pipeline

TOC: Total organic content

WI: Working interest

WTI: West Texas Intermediate (a grade of

crude oil)





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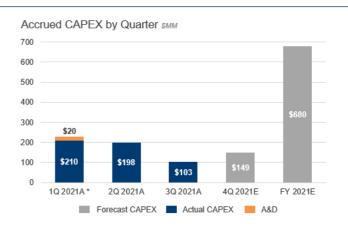
## Achieving Strategic 2021 Priorities Through Disciplined Capital Allocation

### **Continuing Plan Execution**

- 3Q 2021 accrued CAPEX of \$103 MM vs \$160 MM guide
- 3Q 2021 lower than guide primarily due to:
  - · \$18 MM Terra Nova credit
  - \$18 MM net reduction in Gulf of Mexico major project expenses
  - · Timing shifted some spend into 4Q 2021

#### **Disciplined Spending Tightens CAPEX Range**

- Lowered FY 2021 CAPEX guide midpoint by \$20 MM to \$680 MM
- Tightened range to \$675 \$685 MM
  - Includes 1Q 2021 purchase of additional Lucius working interest for \$20 MM



Accrual CAPEX, based on midpoint of guidance range and excluding noncontrolling interest \* Excludes King's Quay CAPEX of \$17 MM





## 4Q 2021 Guidance

Producing Asset	<b>Oil</b> (BOPD)	NGLs (BOPD)	Gas (MCFD)	<b>Total</b> (BOEPD)
US – Eagle Ford Shale	22,600	5,100	27,200	32,200
<ul> <li>Gulf of Mexico excluding NCI¹</li> </ul>	50,500	3,400	49,800	62,200
Canada – Tupper Montney	\_	-	258,600	43,100
- Kaybob Duvernay and Placid Montney	4,500	1,000	16,600	8,300
- Offshore	3,400	-	-	3,400
Other	300	-	_	300

4Q Production Volume (BOEPD) excl. NCl <sup>1</sup>	145,500 - 153,500
4Q Exploration Expense (\$MM)	\$32
Full Year 2021 CAPEX (\$MM) excl. NCl <sup>2</sup>	\$675 – \$685
Full Year 2021 Production Volume (BOEPD) excl. NCl <sup>3</sup>	156,500 – 158,500

<sup>1</sup> Excludes noncontrolling interest of MP GOM of 8,400 BOPD oil, 200 BOPD NGLs and 2,300 MCFD gas 2 Excludes noncontrolling interest of MP GOM of \$25 MM 3 Excludes noncontrolling interest of MP GOM of 8,700 BOPD oil, 300 BOPD NGLs and 3,200 MCFD gas





# Current Hedging Positions – Oil

#### United States

Commodity	Туре	Volumes (BBL/D)	Price (BBL)	Start Date	End Date
WTI	Fixed Price Derivative Swap	45,000	\$42.77	10/1/2021	12/31/2021
WTI	Fixed Price Derivative Swap	20,000	\$44.88	1/1/2022	12/31/2022

Commodity	Туре	Volumes (BBL/D)	Put Price (BBL)	Call Price	Start Date	End Date
WTI	Derivative Collar	23,000	\$62.65	\$74.77	1/1/2022	12/31/2022

\* As of November 3, 2021





# Current Hedging Positions – Natural Gas

#### Montney, Canada

Туре	Volumes (MMCF/D)	Price (MCF)	Start Date	End Date
Fixed Price Forward Sales at AECO	196	C\$2.55	10/1/2021	12/31/2021
Fixed Price Forward Sales at AECO	186	C\$2.36	1/1/2022	1/31/2022
Fixed Price Forward Sales at AECO	176	C\$2.34	2/1/2022	4/30/2022
Fixed Price Forward Sales at AECO	205	C\$2.34	5/1/2022	5/31/2022
Fixed Price Forward Sales at AECO	247	C\$2.34	6/1/2022	10/31/2022
Fixed Price Forward Sales at AECO	266	C\$2.36	11/1/2022	12/31/2022
Fixed Price Forward Sales at AECO	269	C\$2.36	1/1/2023	3/31/2023
Fixed Price Forward Sales at AECO	250	C\$2.35	4/1/2023	12/31/2023
Fixed Price Forward Sales at AECO	162	C\$2.39	1/1/2024	12/31/2024
Fixed Price Forward Sales at AECO	45	US\$2.05	10/1/2021	12/31/2022
Fixed Price Forward Sales at AECO	25	US\$1.98	1/1/2023	10/31/2024
Fixed Price Forward Sales at AECO	15	US\$1.98	11/1/2024	12/31/2024
	Fixed Price Forward Sales at AECO	Fixed Price Forward Sales at AECO 196  Fixed Price Forward Sales at AECO 186  Fixed Price Forward Sales at AECO 176  Fixed Price Forward Sales at AECO 205  Fixed Price Forward Sales at AECO 247  Fixed Price Forward Sales at AECO 247  Fixed Price Forward Sales at AECO 266  Fixed Price Forward Sales at AECO 269  Fixed Price Forward Sales at AECO 250  Fixed Price Forward Sales at AECO 162  Fixed Price Forward Sales at AECO 162  Fixed Price Forward Sales at AECO 250  Fixed Price Forward Sales at AECO 250  Fixed Price Forward Sales at AECO 250  Fixed Price Forward Sales at AECO 250	Type         (MMCFD)         (MCF)           Fixed Price Forward Sales at AECO         196         C\$2.55           Fixed Price Forward Sales at AECO         186         C\$2.36           Fixed Price Forward Sales at AECO         176         C\$2.34           Fixed Price Forward Sales at AECO         205         C\$2.34           Fixed Price Forward Sales at AECO         247         C\$2.34           Fixed Price Forward Sales at AECO         266         C\$2.36           Fixed Price Forward Sales at AECO         269         C\$2.36           Fixed Price Forward Sales at AECO         250         C\$2.35           Fixed Price Forward Sales at AECO         162         C\$2.39           Fixed Price Forward Sales at AECO         45         U\$\$2.05           Fixed Price Forward Sales at AECO         25         U\$\$1.98	Fixed Price Forward Sales at AECO 196 C\$2.55 10/1/2021  Fixed Price Forward Sales at AECO 186 C\$2.36 1/1/2022  Fixed Price Forward Sales at AECO 176 C\$2.34 2/1/2022  Fixed Price Forward Sales at AECO 205 C\$2.34 5/1/2022  Fixed Price Forward Sales at AECO 247 C\$2.34 6/1/2022  Fixed Price Forward Sales at AECO 247 C\$2.34 6/1/2022  Fixed Price Forward Sales at AECO 266 C\$2.36 11/1/2022  Fixed Price Forward Sales at AECO 269 C\$2.36 11/1/2023  Fixed Price Forward Sales at AECO 250 C\$2.35 4/1/2023  Fixed Price Forward Sales at AECO 162 C\$2.39 1/1/2024  Fixed Price Forward Sales at AECO 25 US\$2.05 10/1/2021  Fixed Price Forward Sales at AECO 25 US\$2.05 10/1/2021  Fixed Price Forward Sales at AECO 25 US\$1.98 1/1/2023

\* As of November 3, 2021





## **Balance Sheet Stability**

### **Solid Foundation for Commodity Price Cycles**

- \$505 MM of cash and cash equivalents at Sept 30, 2021
- Redeemed \$150 MM of 6.875% Notes due 2024 on Dec 2, 2021
  - · ~\$242 MM of 2024 senior notes remain outstanding
- \$1.6 BN senior unsecured credit facility matures Nov 2023, undrawn at Sept 30, 2021
- All debt is unsecured, senior credit facility not subject to semi-annual borrowing base redeterminations

Long-Term Debt Profile*	
Total Bonds Outstanding \$BN	\$2.633
Weighted Avg Fixed Coupon	6.3%
Weighted Avg Years to Maturity	7.5

2,000 —	aturity Profile* smm	
1,500		
1,000 —		
500	10 Year  _ ∇	20 Year 30 Yea ∇ ■ ∇
0 —		
2021	\$\$\int_\$\$	102, 102, 102, 102, 102, 100, 100, 100,
	■ Notes ■ Drawn RCF CUIndrawn	RCE

\* As of September 30, 2021. Does not include \$150 MM redemption on Dec. 2, 2021.







Eagle Ford Shale Operated Well Locations

Area	Net Acres	Reservoir	Inter-Well Spacing (ft)	Remaining Wells
		Lower EFS	300	106
Karnes	10,092	Upper EFS	600	142
		Austin Chalk	1,200	97
		Lower EFS	600	264
Tilden	64,770	Upper EFS	500	138
		Austin Chalk	600	100
		Lower EFS	550	238
Catarina	48,375	Upper EFS	950	219
		Austin Chalk	1,200	112
Total	123,237			1,416

<sup>\*</sup>As of December 31, 2020

### Kaybob Duvernay Well Locations

Area	Net Acres	Inter-Well Spacing (ft)	Remaining Wells
Two Creeks	35,232	984	104
Kaybob East	37,744	984	152
Kaybob West	25,984	984	107
Kaybob North	25,536	984	98
Simonette	32,116	984	108
Saxon	12,298	984	57
Total	168,910		626

<sup>\*</sup>As of December 31, 2020





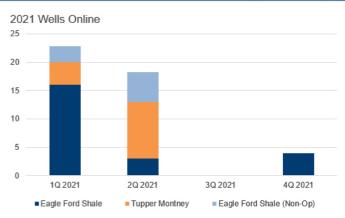
### North America Onshore

Executing Well Delivery Plan On Schedule and Within Budget

# \*\*\*

### **FY 2021 Onshore Activity**

- · Eagle Ford Shale
  - · 4 operated wells online in 4Q 2021
  - Total 23 operated + 45 gross non-operated wells\* online in FY 2021
- Tupper Montney
  - · Activity complete for FY 2021
  - · Total 14 operated wells online



Note: Non-op well cadence subject to change per operator plans Eagle Ford Shale non-operated wells adjusted for 18% average working interest

\* Eagle Ford Shale non-operated wells average 18% working interest





Eagle Ford Shale
Base Production Outperforms While Lowering Costs

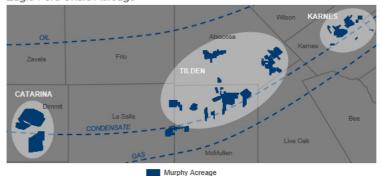
### 3Q 2021 37 MBOEPD, 70% Oil, 86% Liquids

- · No new wells online in 3Q 2021
- · 4 operated Catarina wells online in 4Q 2021
  - · 2 Upper EFS, 1 Lower EFS, 1 Austin Chalk
- · Reaffirm FY 2021 CAPEX of \$170 MM

### **Drilling and Completions Costs**

- ~40% reduction in completions costs since FY 2018
- · 24% increase in RoP since FY 2018
- \$4.7 MM avg well cost in 1H 2021, down from \$6.3 MM in FY 2018
  - · Now achieving ~9 month well payout

### Eagle Ford Shale Acreage





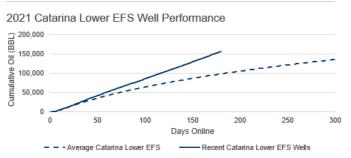


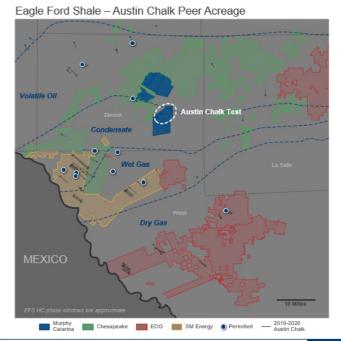


Eagle Ford Shale
Strong Catarina Well Performance Offers Potential to De-Risk Portfolio

### **Achieving Strong Catarina Results**

- · 4 wells online in Catarina in 4Q 2021
  - · 2 Upper EFS, 1 Lower EFS, 1 Austin Chalk
- · Highest oil cuts seen across Dimmit County
- · Recent Murphy Catarina wells achieving 6-month payout
  - ~60% above type curve
  - · Utilizing long laterals, enhanced completions technique
- · Operators near Murphy Catarina acreage reporting robust production rates in Austin Chalk
  - · Working to delineate their acreage
  - Potential to de-risk ~110 Catarina locations as of FYE 2020









Tupper Montney
Continual Improvement Drives Improved Well Performance

### 3Q 2021 292 MMCFD, 100% Natural Gas

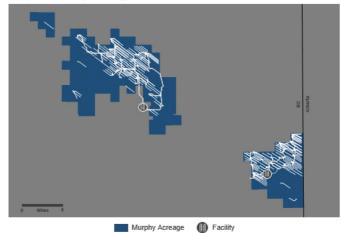
· Activity complete for FY 2021

### Record-High IP30 Rates in 2021

- · Modifications to flowback, facility and wellhead equipment, and procedures
- >50% higher rates than 2017 2019 averages



### Tupper Montney Acreage







### Khaleesi / Mormont / Samurai

- Launched drilling campaign 2Q 2021
  - Drilled Khaleesi #3 well in 3Q 2021
  - · Currently drilling Samurai #4 well
- · Began well completions in 4Q 2021
- · On track for first oil in 1H 2022

### St. Malo Waterflood (Non-Op)

- · Project remains on track for first oil
- · Installing multi-phase pump 4Q 2021

### **Facilities**

Project Components	Fabrication	Commissioning	Installation / Hook-up
King's Quay FPS	•	3Q 2021 – 2Q 2022	1H 2022
King's Quay Moorings	<b>Ø</b>	N/A	4Q 2021
Subsea Flowlines and Equipment	Ongoing	1H 2022	4Q 2021 – 3Q 2022

### **Drilling and Completions**

Field	Drilled	Completions	Online
Khaleesi	000	4Q 2021	1H 2022
Mormont	00	1Q 2022	1H 2022
Samurai	Ø Ø	2Q 2022	2H 2022
	Janned Well Drilli	ng in Progress Prilled \	A/=II



See Appendix for major project CAPEX and production cadence



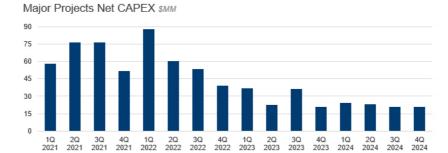


### **Gulf of Mexico**

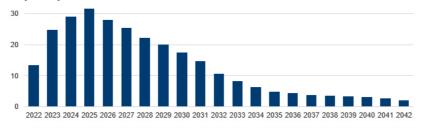
### Major Projects CAPEX and Production Cadence



Major projects include Khaleesi, Mormont, Samurai and St. Malo waterflood











## Advancing Terra Nova Asset Life Extension Project



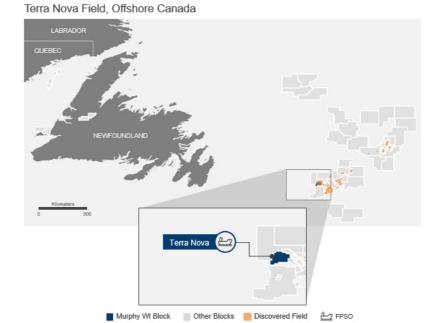
### **Terra Nova FPSO**

- Suncor 48% (Op), Cenovus 34%, Murphy 18%
- Partner group advancing asset life extension project
  - Will extend production life by ~10 years
- Work to occur through 4Q 2022
- Government of Newfoundland and Labrador contributing up to US\$164 MM (C\$205 MM) in royalty and financial support
  - Partner group to contribute on matching basis
- · \$60 MM future net investment

### **Project Schedule**

- · In Spain for drydock repairs
- Anticipated return to production 4Q 2022

FPSO - Floating production storage and offloading vessel

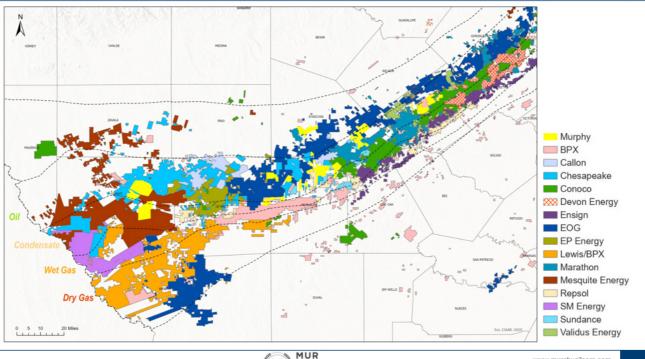






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# Eagle Ford Shale Peer Acreage

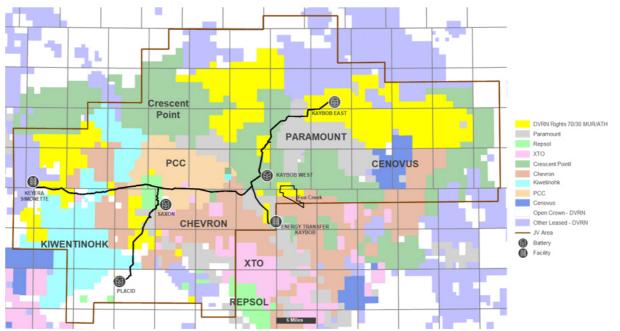


MÜRPHY

MUR LISTED NYSE

# Kaybob Duvernay Peer Acreage

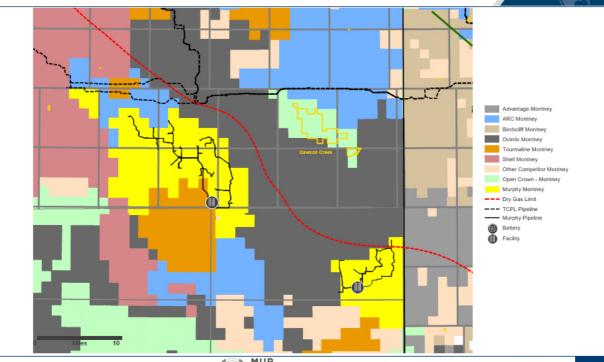








# Tupper Montney Peer Acreage





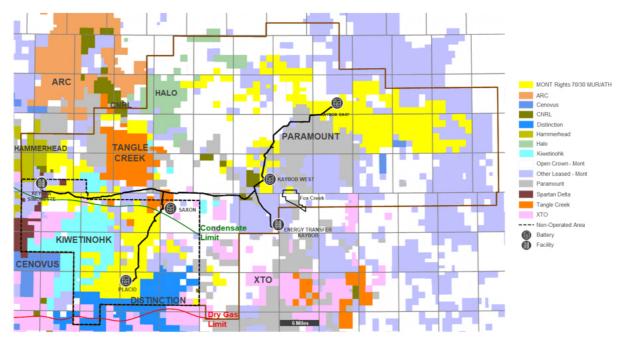
MUR LISTED NYSE

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# **Placid Montney**

Peer Acreage









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## **Gulf of Mexico**

Murphy Blocks



PF	RODUCING ASSET	S
Asset	Operator	Murphy Wl <sup>1</sup>
Cascade	Murphy	80%
Chinook	Murphy	80%
Clipper	Murphy	80%
Cottonwood	Murphy	80%
Dalmatian	Murphy	56%
Front Runner	Murphy	50%
Habanero	Shell	27%
Kodiak	Kosmos	48%
Lucius	Anadarko	13%
Marmalard	Murphy	27%
Marmalard East	Murphy	68%
Medusa	Murphy	48%
Neidermeyer	Murphy	53%
Powerball	Murphy	75%
Son of Bluto II	Murphy	27%
St. Malo	Chevron	20%
Tahoe	W&T	24%
Thunder Hawk	Murphy	50%

Gulf of Mexico Assets



Note: Anadarko is a wholly-owned subsidiary of Occidental Petroleum 1 Excluding noncontrolling interest





## 2021 Exploration Update

Gulf of Mexico

### Interests in 126 Gulf of Mexico OCS Blocks

- ~725,000 total gross acres, 54 exploration blocks
- ~1 BBOE gross resource potential
  - · 20 key prospects
- Lease sale Nov 17 no change in royalty rates

### Silverback #1 (Mississippi Canyon 35)

- Chevron 35% (Op), Shell 30%, Petronas 15%, Murphy 10%, Ecopetrol 10%
  - Murphy holds WI in 12 blocks through Silverback participation
- Reached depth of 23,240 feet, plugged and abandoned
  - · Murphy fully expensed the well
- Assessing results across Murphy-held acreage position

#### Gulf of Mexico Exploration Area







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## 2021 Exploration Plan

Sergipe-Alagoas Basin, Brazil

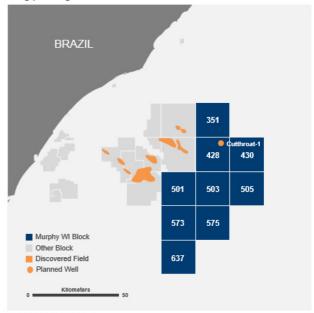
### **Asset Overview**

- ExxonMobil 50% (Op), Enauta Energia S.A. 30%, Murphy 20%
- · Hold WI in 9 blocks, spanning >1.6 MM acres
- >2.8 BN BOE discovered in basin
- >1.2 BN BOE in deepwater since 2007
- Material opportunities identified on Murphy WI blocks

### **Drilling Program**

- · Preparing to drill Cutthroat-1
  - ~\$15 MM net cost
- · Mean to upward gross resource potential
  - 500 MMBOE 1,050 MMBOE
- Continuing to mature inventory and plan future well timing

### Sergipe-Alagoas Basin



All blocks begin with SEAL-M





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## 2021 Exploration Update

Potiguar Basin, Brazil

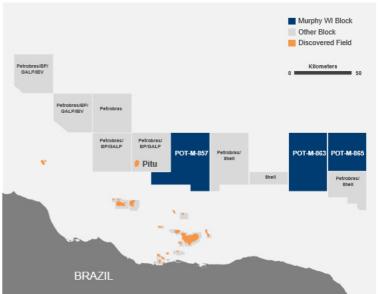
### **Asset Overview**

- Wintershall Dea 70% (Op), Murphy 30%
- Hold WI in 3 blocks, spanning ~775 M gross acres
- Proven oil basin in proximity to Pitu oil discovery

### **Extending the Play into the Deepwater**

- · >2.1 BBOE discovered in basin
  - · Onshore and shelf exploration
  - · Pitu step-out into deepwater
- Interpreting final seismic data, continuing to mature inventory
- Targeting 2023 2024 spud

### Potiguar Basin







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## 2021 Exploration Update

Salina Basin, Mexico

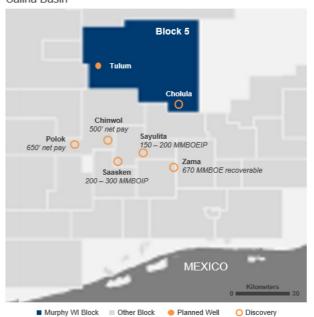
### **Block 5 Overview**

- Murphy 40% (Op), Petronas 30%, Wintershall Dea 30%
- · 34 leads / prospects
- · Mean to upward gross resource potential
  - 800 MMBO 2,000 MMBO
- Proven oil basin in proximity to multiple oil discoveries in Miocene section
- Targeting exploration drilling campaign in 2022
  - Initial prospect identified Tulum (fka Linares)
  - · Progressing permitting and regulatory approvals

### **Cholula Appraisal Program**

- · Discretionary 3-year program approved by CNH
- · Up to 3 appraisal wells + geologic/engineering studies

#### Salina Basin







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# 2021 Exploration Plan Northwest Borneo Basin, Brunei

### **Asset Overview**

- Shell 86.949% (Op), Murphy 8.051%, Petronas 5%
- · Partners assessing development and appraisal plan
- · Block CA-1 reclassified as not held for sale

### Jagus SubThrust-1X (Block CA-1)

- Drilled discovery well, \$2.8 MM net cost
- · Evaluating seismic data for remaining prospectivity

#### Northwest Borneo Basin









## **Development Update**

Cuu Long Basin, Vietnam

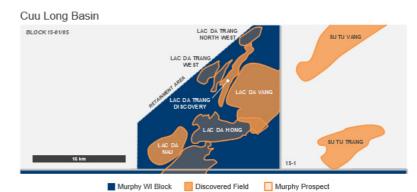
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#### **Asset Overview**

Murphy 40% (Op), PVEP 35%, SKI 25%

### **Block 15-1/05**

- Received approval of the Lac Da Vang (LDV) retainment / development area
- LDV field development plan adopted by all partners, submitted to government for approval
- · LDT-1X discovery in 2019
- · Maturing remaining block prospectivity
- LDT-1X discovery and other exploration upside has potential to add bolt-on resources to LDV







## **Exploration Update**

Cuu Long Basin, Vietnam

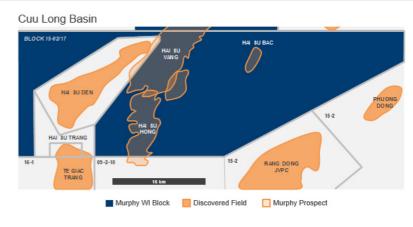
# \*

### **Asset Overview**

• Murphy 40% (Op), PVEP 35%, SKI 25%

### **Block 15-2/17**

- 3-year primary exploration period ends 4Q 2022
  - Seeking extension due to COVID-19 related delays
- · 1 well commitment
  - · 2 initial prospects identified
- Seismic reprocessing, geological / geophysical studies ongoing









ROGER W. JENKINS

PRESIDENT & CHIEF EXECUTIVE OFFICER