

# **INVESTOR PRESENTATION**

Spartan Delta Corp. (SDE: TSX)

August 9, 2022

# SPARTAN DELTA CORPORATE STRATEGY

Building a Sustainable Energy Company

#### **CONCENTRATED ASSET BASE**

#### **DEEP BASIN**

- Sustaining capital ~30% of asset level NOI<sup>(1)</sup>
- Low OPEX and high margin liquids-rich gas led by operated deep cut infrastructure
- Material Free Funds Flow<sup>(1)</sup> generation with over 15+ years of keep flat inventory

# Concentrated **Asset Base ESG** ROI Leadership

#### **MONTNEY**

- Largest producer and acreage holder in the oil window of the Montney
- Targeting oil-weighted growth
- 25+ years of drilling inventory with scale and repeatability

#### SUSTAINABLE ENERGY COMPANY

- Strong Indigenous partnerships
- Award winning produced water recycling program
- Top-decile Alberta LMR with a proactive approach to environmental responsibilities

#### SHAREHOLDER RETURN DRIVEN

- Free Funds Flow<sup>(1)</sup> currently directed towards retirement of debt
- Reviewing optionality for return of capital in 2022
- Organic growth supplemented by opportunistic acquisitions

**ESG LEADERSHIP** 

ROI



# **COMPANY OVERVIEW**

Spartan Delta Corp. (SDE:TSX)

#### Capitalization (as at August 9, 2022) **MONTNEY:** Spartan Delta Corp. TSX SDF Spartan is the largest Share Price<sup>(1)</sup> \$/sh 12.55 producer and land holder in the Montney oil window Market Capitalization (basic)<sup>(1)</sup> \$MM 1.950 Deep inventory of development opportunities Common Shares Outstanding (basic)<sup>(4)</sup> 155.4 MM Growth for the next decade MONTNEY Net Debt<sup>(2)(4)</sup> \$MM 262 Tax Pools (3)(4) \$MM 2,200 **DEEP BASIN:** Enterprise Value (basic) \$MM 2,212 Cretaceous oil and liquids-rich Estimated YE 2022 Net Debt (Surplus) (2) \$MM 41 gas focus Low decline and material Free Management & Board Ownership (basic) % 10 Cash Flow<sup>(2)</sup> generation Dominant infrastructure Dilutive Instruments position Warrants, ITM Options and Share Awards (4) MM 22.4 Dilutive Proceeds 32.2 ŚMM Q2 2022 Production Q2 2022 Revenue Fully Diluted Shares Outstanding (4) MM 177.8 **Average Daily Production** 18% 80,000 Production (boe/d) 40,000 20,000 37% 3% 41% 17% 62%



August 9, 2022

Q1 2020 Q2 2020 Q3 2020 Q4 2020 Q1 2021 Q2 2021 Q3 2021 Q4 2021 Q1 2022 Q2 2022

■ Natural Gas ■ NGLs ■ Crude Oil ■ Condensate

■ Crude Oil ■ Condensate ■ NGLs ■ Gas

7%

15%

**BASIN** 

Calgary, Alberta

# **SECOND QUARTER 2022 HIGHLIGHTS**

### Operational Execution into Commodity Tailwinds

UNAUDITED HIGHLIGHTS		FY 2021	Q1 2022	Q2 2022
Crude Oil	boe/d	4,697	11,270	13,009
Condensate	boe/d	1,924	2,414	2,365
Natural Gas Liquids (NGLs)	boe/d	9,120	12,971	12,373
Natural Gas	MMcf/d	191.6	275.6	271.3
Average Production	boe/d	47,674	72,588	72,966
Operating Netback, before Hedging	\$/boe	23.05	33.73	45.56
Adjusted Funds Flow <sup>(1)</sup>	\$MM	294	160	232
Capital Expenditures, before A&D	\$MM	189	108	91
Free Funds Flow <sup>(1)</sup>	\$MM	105	52	142
Diluted Shares Outstanding, Weighted Average	MM	135	173	175
Adjusted Funds Flow, Diluted	\$/sh	2.18	0.92	1.33
Exit Net Debt (Surplus) <sup>(1)</sup>	\$MM	458	406	262

Average production volumes were 72,966 boe/d (21% oil and condensate, 17% NGLs and 62% natural gas) in the second quarter.

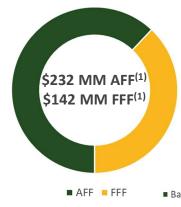
Generated \$303 million of Operating Income resulting in an average Operating Netback of \$45.56/boe before hedging, a 35% increase quarter-over-quarter.

Delivered record Adjusted Funds Flow of \$232 million (\$1.33 per share, diluted) and Free Funds Flow of \$142 million.

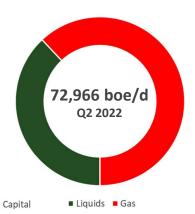
Reduced Net Debt<sup>(1)</sup> by \$144 million to \$262 million, resulting in \$227 million of long-term debt outstanding under the Company's \$600 million revolving and term credit facilities.











# **2022 GUIDANCE**

# Total Return Focused Model of Organic Growth and Free Funds Flow Generation

2022 Guidance <sup>(1)</sup>		Updated Guidance	Previous Guidance	20225 Due doeties
Average Production	boe/d	71,000 - 73,000	68,500 - 72,500	2022E Production
Crude Oil and Condensate Natural Gas Liquids Natural Gas	boe/d boe/d mcf/d	15,100 12,550 266,100	14,900 13,200 254,400	18%
Operating Expenses	\$/boe	8.66	7.91	3%
Transportation Expenses	\$/boe	2.77	2.68	
Operating Netback, before Hedging <sup>(2)</sup>	\$/boe	38.69	27.73	470/
Operating Netback, after Hedging <sup>(2)</sup>	\$/boe	33.94	25.58	62%
G&A	\$/boe	1.01	1.09	■ Crude Oil
Settlements on Commodity Derivative Contracts	s <sup>(2)</sup> \$MM	(124)	(55)	
Adjusted Funds Flow <sup>(2)</sup>	\$MM	840	589	<ul><li>Condensate</li><li>NGLs</li></ul>
Adjusted Funds Flow per Common Share (2)	\$/sh	5.42	3.82	Gas
Capital Expenditures (before A&D) <sup>(2)</sup>	\$MM	420	330	070/
Free Funds Flow <sup>(2)</sup>	\$MM	420	259	41%
2022 YE Net Debt <sup>(2)</sup>	\$MM	41	199	
2022 Adjusted Funds Flow <sup>(2)</sup> Sensitivities to	H2 Pricing	Δ		
WTI +/-\$US10/bbl	\$MM	~40		
AECO +/-\$1.00/GJ	\$MM	~30		100/ 6%
FX +/- \$0.10	CAD/USD	~42		16%
2022 Capital Allocation %	of Capital Budaet	Net Wells	2022 Guidance Pricing	H1 Actuals H2 Forecast 2022

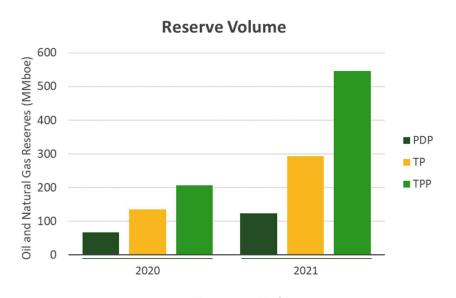
2022 Capital Allocation	% of Capital Budget	Net Wells	2022 Guidance	Pricing	H1 Actuals	H2 Forecast	2022	
Montney	71%	25	AECO 7A	C\$/GJ	5.15	5.75	5.45	
Deep Basin	29%	18	WTI	US\$/bbl	101.35	90.00	95.67	
			FX	US\$/C\$	1.27	1.29	1.28	

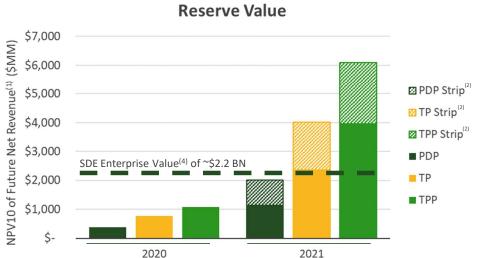


# YEAR-END 2021 RESERVE EVALUATION

### Based on 2022 Average Forecast Pricing of U\$72.83/bbl WTI and C\$3.56/MMBtu AECO

Independent qualified reserves evaluation effective December 31, 2021

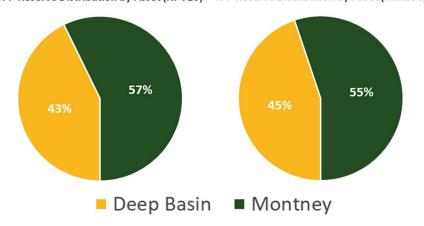




		2021 RES	ERVE HIGHLIGH	rs <sup>(3)</sup>		
	Va	olume - Gross (M	Mboe)	Value	- NPV10 (\$	мм)
	PDP	TP	TPP	PDP	TP	TPP
2020	67.289	9 134.977	206.942	\$376	\$777	\$1,078
2021	124.30	9 293.749	545.734	\$1,152	\$2,377	\$3,973
Δ	85%	118%	164%	206%	206%	269%
2021 FUTURE DE	VELOPMENT C	APITAL COSTS		RESERVE LIFE	INDEX	
	TP (\$MM)	TPP (\$MM)		PDP (Years)	TP (Years)	TPP (Years)
Total	\$1,596	\$3,042	2021	4.7	11.1	20.6
10% Discounted	\$1,253	\$1,987				
		2021 F&D, FD	&A AND RECYCLE	RATIOS		

	2021 PDP	2021 TP	2021 TPP
F&D Costs incl. FDC (\$/BOE)	4.04	6.93	6.69
FD&A Costs incl. FDC (\$/BOE)	15.84	14.05	10.58
Q4 2021 Operating Netback, before Hedging (\$/BOE)	30.00	30.00	30.00
F&D Recycle Ratio - Pro Forma Q4 2021	7.4x	4.3x	4.5x
FD&A Recycle Ratio - Pro Forma Q4 2021	1.9x	2.1x	2.8x

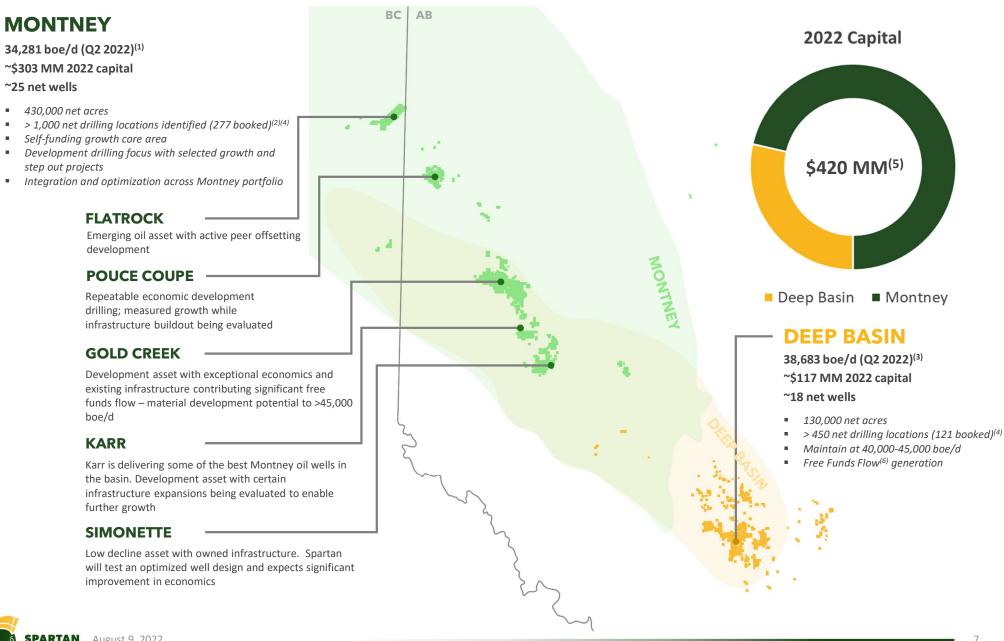
TPP Reserve Distribution by Asset (MPV10) TPP Reserve Distribution by Asset (MMboe)





# **2022 DEVELOPMENT**

### Maintaining Strong Free Funds Flow While Advancing Selected Growth Projects



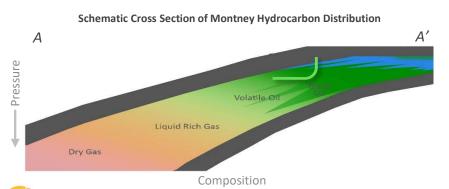
August 9, 2022

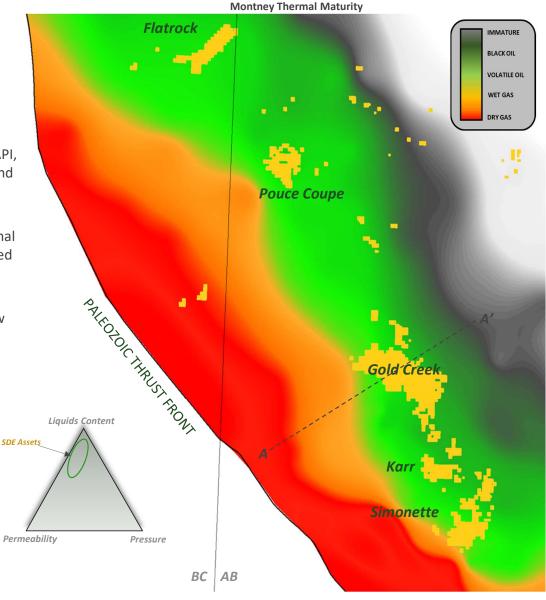
- Consisting of 36% oil, 2% condensate, 12% NGLs and 50% natural gas
- See Oil and Gas Advisories in Disclaimers
- Booked wells as per IQRE well spacing, unbooked wells at 350m well spacing Consisting of 2% oil, 4% condensate, 22% NGLs and 72% natural gas
- Includes ~\$4.0 million of capitalized G&A

# THE MONTNEY OIL FAIRWAY

### A Differentiated Montney Play Targeting >50% Oil Weighted Production

- ~430,000 acres (670 sections) of prospective Montney with in-place volumes of up to 45 mmboe/section
- Over 1,000 net identified drilling locations with 277 net locations currently booked (~25% of inventory)<sup>(1)</sup>
- Lands are entirely within the volatile to black oil window with ~40° API, a specific compositional realm characterized by high liquids content and more normally pressured conditions
- Modern completion design applied to this unique set of unconventional characteristics yields material results in what was previously considered to be uneconomic acreage
- Spartan has developed expertise particular to the Montney oil window development thereby providing a platform for growth with scale and repeatability from a large, previously underappreciated land base







August 9, 2022

# **MONTNEY OVERVIEW**

### Deep Inventory of Growth Projects in the Montney Oil Window

#### **Montney Asset Characteristics:**

- Largest land position (~430,000 net acres) and production base within the prolific Montney oil window
- Deep inventory of economic drilling locations (>1,000 net) across several core asset blocks, >20-years of development
- Third-party infrastructure solution in place, backstopped by an area of dedication rather than take-or-pay commitments
- 10 of the top 25 Montney oil wells in Canada for 2021<sup>(1)</sup>
- Strong execution with wells exceeding the 2P type curves

34,281 boe/d

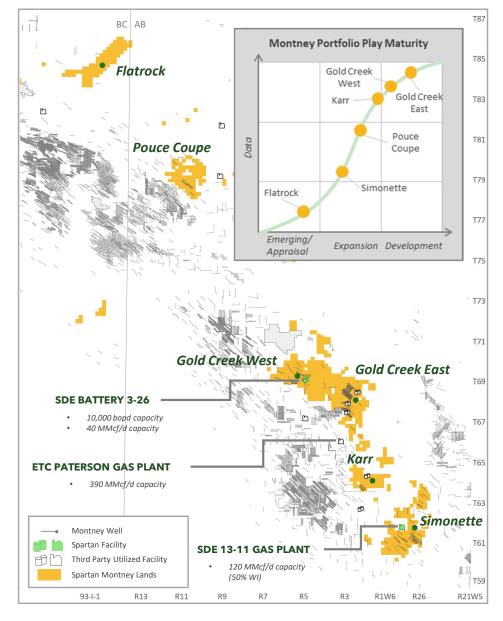
Q2 2022 Production<sup>(2)</sup> 50% Liquids **2022 Capital** \$303 MM

**Proved NPV10** 

\$1.1 BN<sup>(3)(4)</sup>
YE21 Auditor Pricing
\$2.0 BN<sup>(3)(6)</sup>
Strip Pricing

\$603 MM

2022 Asset level NOI<sup>(5)</sup> at Guidance Pricing





Peters & Co. WCSB 2021 Top Wells Review – February 14, 2022

<sup>36%</sup> crude oil, 2% condensate, 12% NGLs and 50% natural gas 5) See Non-GAAP

See Oil and Gas Advisories in Disclaimers

As of December 31, 2021, Spartan Year-End Reserve Update

See Non-GAAP Measures and Ratios in Disclaimers and guidance price on slide 27 & 28

<sup>6)</sup> July 31, 2022, strip pricing of US\$101.14/bbl WTI and C\$5.35/GJ AECO in 2022

# **GOLD CREEK EAST ASSET OVERVIEW**

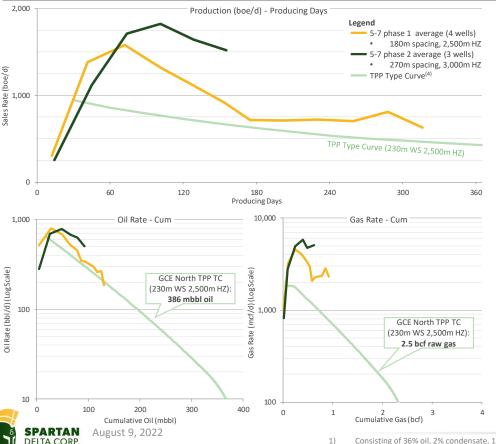
### Repeatable Results with Available Infrastructure Capacity

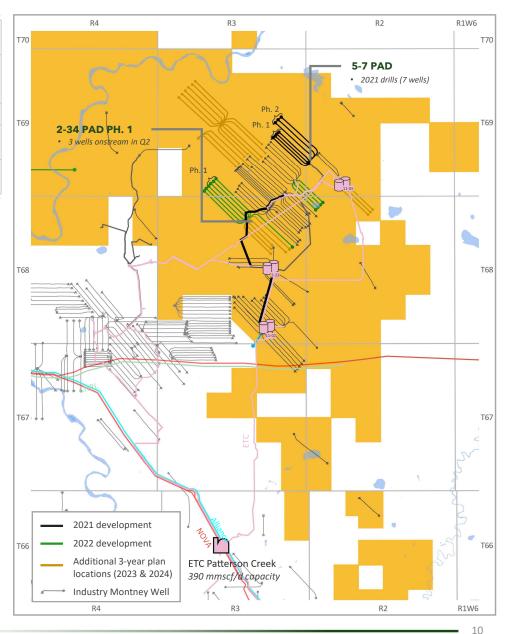
#### **Asset Characteristics:**

- Development asset with exceptional economics contributing significant free funds flow
- Recently completed debottlenecking project increases asset capacity to ~29,000 boe/d and enables further growth
- 3-year plan consumes only 12% of inventory

Production <sup>(1)</sup> :	20,319 boe/d (53% liquids) (Q2 2022)				
Inventory (net):	131 Booked (230m spacing) 121 Unbooked (300m spacing) 252 Total (2,500 – 3,000m HZ)				
Land:	88,000 net acres				
Type Curve (TPP) <sup>(4)</sup>	IP365 <sup>(2)</sup> :	643 boe/d (66% liquids)			
	EUR (sales) <sup>(3)</sup> :	820 mboe (58% liquids)			

#### **Recent Results:**





- Consisting of 36% oil, 2% condensate, 15% NGLs and 47% natural gas 4)
- Consisting of 55% oil, 11% NGLs and 34% natural gas
- Consisting of 45% oil, 13% NGLs and 42% natural gas

# **GOLD CREEK WEST ASSET OVERVIEW**

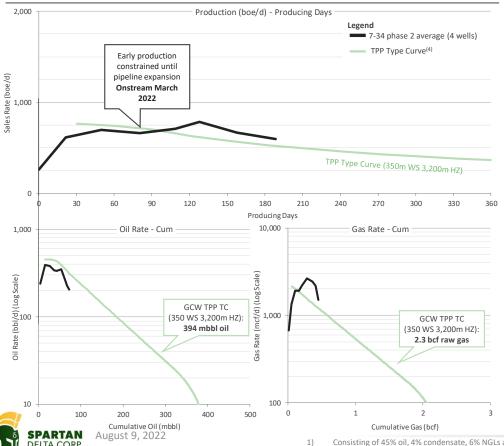
### Development Asset with Step Out Growth Opportunities

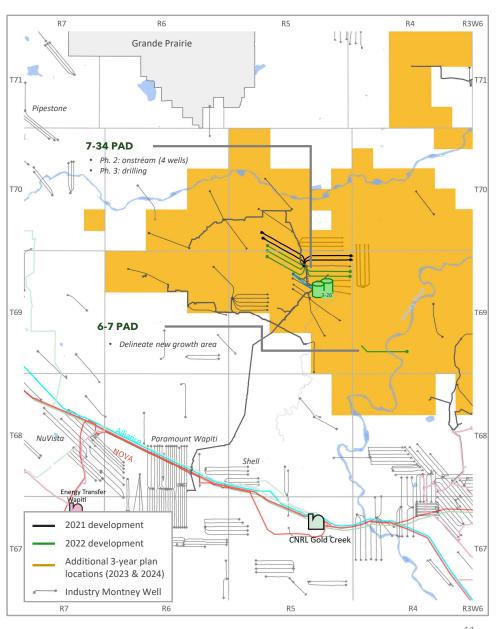
#### **Asset Characteristics:**

- Development asset with strong economics
- Spartan owned battery and gathering system to 8,000 boe/d capacity
- Impactful step out and expansion opportunities to grow asset over time to 15,000 boe/d
- 3-year plan consumes only ~10% of inventory

Production <sup>(1)</sup> :	4,802 boe/d (55% liquids) (Q2 2022)			
Inventory (net):	56 Booked (350m spacing) 139 Unbooked (350m spacing) 196 Total (3,000-3,500m HZ)			
Land:	91,000 net acres			
Type Curve (TPP) <sup>(4)</sup>	IP365 <sup>(2)</sup> :	556 boe/d (62% liquids)		
	EUR (sales) <sup>(3)</sup> :	759 mboe (58% liquids)		

#### **Recent Results:**





- Consisting of 45% oil, 4% condensate, 6% NGLs and 45% natural gas

  Consisting of 57% oil, 5% NGLs and 38% natural gas
- Consisting of 50% oil, 2% condensate, 6% NGLs and 42% natural gas
- TPP type curve for Gold Creek West with 350m well spacing and 3,000-3,500m length: 758mBOE comprised of 42mbbl NGLs, 18mbbl Condensate, 1.9bcf sales gas & 382mbbl sales oil

# **KARR ASSET OVERVIEW**

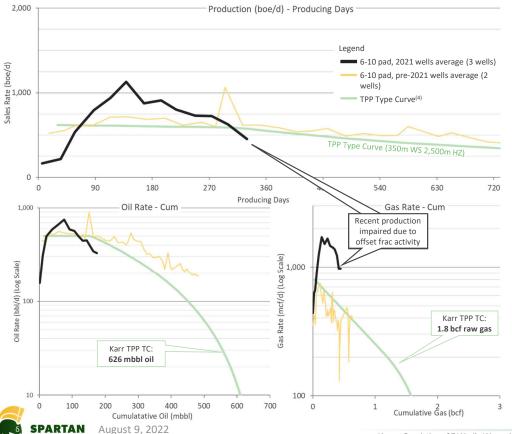
### Top Oil Wells in the Montney

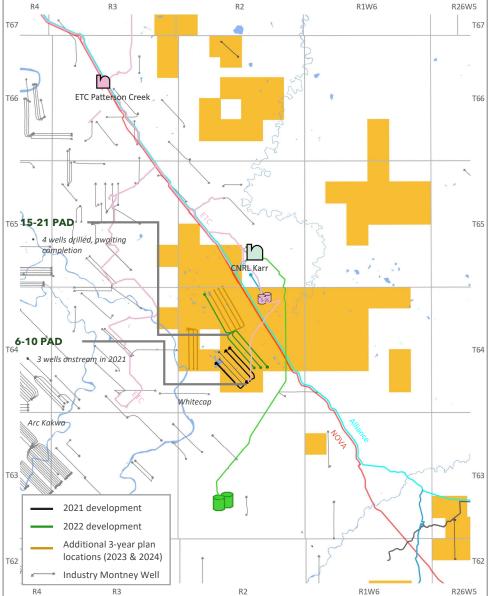
#### **Asset Characteristics:**

- Amongst the most prolific oil wells in the basin
- Low decline Montney oil wells

Production <sup>(1)</sup> :	2,550 boe/d (79% liquids) (Q2 2022)			
Inventory (net):	26 Booked (350m spacing) 61 Unbooked (350m spacing) 87 Total (3,000-3,700m HZ)			
Land:	47,300 net acres			
Type Curve (TPP) <sup>(4)</sup>	IP365 <sup>(2)</sup> :	619 boe/d (85% liquids)		
	EUR (sales) <sup>(3)</sup> :	891 mboe (76% oil/NGLs)		

#### **Recent Results:**





- Consisting of 71% oil, 1% condensate, 7% NGLs and 21% natural gas 3)
- Consisting of 79% oil, 6% NGLs and 15% natural gas
- ) Consisting of 67% oil, 9% NGLs and 24% natural gas

# **POUCE COUPE ASSET OVERVIEW**

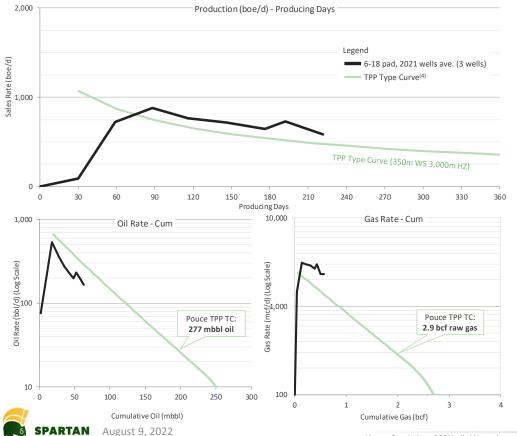
### Repeatable Economic Drilling

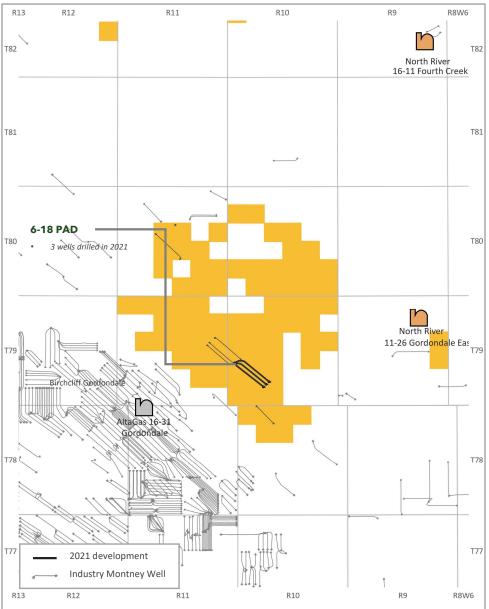
#### **Asset Characteristics:**

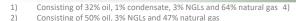
- Repeatable economic development drilling yielding strong economics
- Development pace measured while long term infrastructure options being evaluated

Production <sup>(1)</sup> :	2,286 boe/d (35% liquids) (Q2 2022)			
Inventory (net):	47 Booked (350m spacing) 50 Unbooked (350m spacing) 97 Total (2500-3,000m HZ)			
Land:	48,000 net acres			
Type Curve (TPP) <sup>(4)</sup>	IP365 <sup>(2)</sup> :	575 boe/d (53% liquids)		
	EUR (sales) <sup>(3)</sup> :	697 mboe (42% liquids)		

#### **Recent Results:**







Consisting of 37% oil, 1% condensate, 4% NGLs and 58% natural gas

TPP type curve for Pouce Coupe Oil Area with 350m well spacing and 2,500m length, 697mBOE comprised of 28mbbl NGLs, 2.4bcf sales gas & 256mbbl sales oil

# SIMONETTE ASSET OVERVIEW

### Growth Asset with Owned Infrastructure

#### **Asset Characteristics:**

- Low decline asset with owned infrastructure and compelling growth opportunities
- Asset spans the gas to oil window
- 44 legacy Montney wells delineate fluid properties and reservoir quality, but all have design flaws

Production <sup>(1)</sup> :	3,231 boe/d (18% liquids) (Q2 2022)
Inventory (net):	17 Booked (350-400m WS) 175 Unbooked (350-400m WS) 192 Total
Land:	74,000 net acres

R2

Two wells will be drilled this winter to advance growth opportunities and demonstrate significant improvement on historical results:

#### Simonette North Oil Area

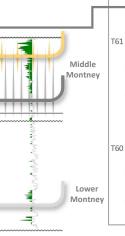
- Existing wells in the oil window have legacy low-intensity frac designs that do not generate sufficient contact area with the reservoir
- Area produces some of the highest oil rates on a per frac basis in the Montney fairway
- Last well drilled in 2017 has 26 fracs and will recover 117mbbl oil;
   Spartan's experience in other assets would lead to a well design with >100 fracs

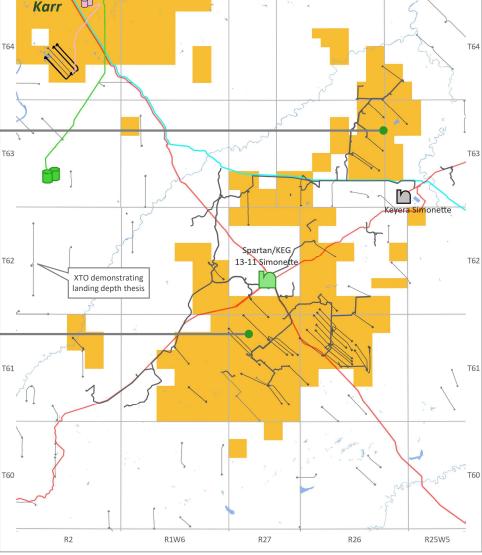
### **Simonette South Liquids Rich Gas Area**

- Legacy wells largely under stimulated and landed very high in the section
   Historic landing depth
- A new landing depth with a modern well design should yield:
  - Better height growth leading to better overall productivity
  - Increased liquids yields deeper in the section
- Offsetting results support the thesis

Additional Future Target

New landing depth





R27

R1W6

R26

R25W5

T65



# **DEEP BASIN OVERVIEW**

### Robust Economics and Infrastructure Footprint Underpin Free Funds Flow Engine

#### **Deep Basin Asset Characteristics:**

- Top quality resource of delineated liquids-rich Spirit River and condensaterich Cardium gas development (~130,000 net acres)
- Deep inventory of economic drilling locations (>450 net) in the Spirit River and Cardium
- Significant owned and operated strategic infrastructure
- Attractive netback driven by low operating costs and deep-cut liquid recovery
- Material FCF generation

#### **Second Quarter Highlights:**

- Completed significant field maintenance including a turnaround at the Spartan operated 10-09 Gas Plant as well as compressor station overhauls throughout the field
- Spud first well targeting the prolific Viking formation keying off offsetting competitor results

**38,683 boe/d** 

~45,000 boe/d

Infrastructure Capacity

**2022 Capital** \$117 MM

### **Proved NPV10**

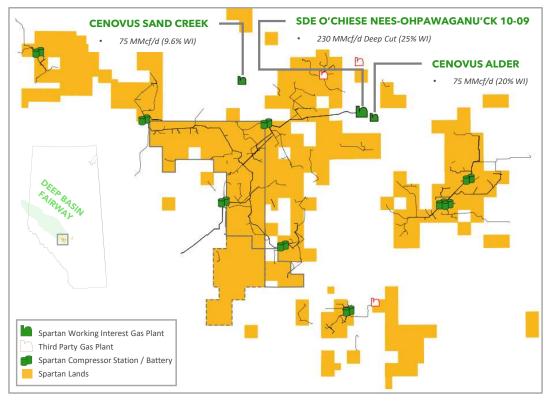
\$1.2 BN<sup>(2)(3)</sup>

YE21 Auditor Pricing \$2.0 BN(3)(5)

Strip Pricing

\$404 MM

2022 Asset level NOI<sup>(4)</sup> at Guidance Pricing

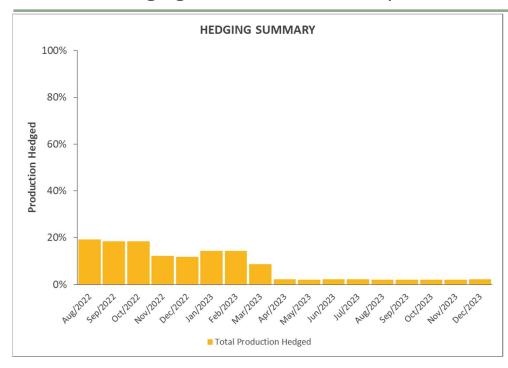


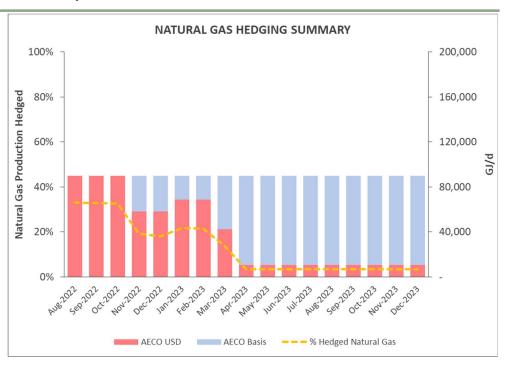


<sup>3)</sup> See Oil and Gas Advisories in Disclaimers

# RISK MANAGEMENT

### Minimal Hedging Portfolio Provides Exposure to Commodity Prices





~16%

Of production hedged in 2022

~4%

Of production hedged in 2023

~27%

Of natural gas hedged in 2022

~7%

Of natural gas hedged in 2023

100%

Of crude oil unhedged

~30% AECO Basis

hedge provides diversification to Henry Hub natural gas prices

	Natural Gas					
	US\$ NYMEX	Swaps - Short	US\$ NYMEX	Swaps - Collar		AECO 7A Basis - Short
Period	Volume (Mmbtu/d)	US\$/Mmbtu	Volume (Mmbtu/d)	Floor - Ceiling (US\$/Mmbtu)	Volume (Mmbtu/d)	US\$/Mmbtu
Q3 2022	55,000	\$3.70	30,000	\$2.70 - \$2.90	85,000	(\$1.13)
Q4 2022	35,109	\$3.34	30,000	\$3.40 - \$6.47	85,000	(\$1.15)
Q1 2023	26,389	\$2.83	30,000	\$3.75 - \$8.25	85,000	(\$1.13)
Q2 2023	10,000	\$2.65	-	-	85,000	(\$1.09)
Q3 2023	10,000	\$2.65	-	-	85,000	(\$1.08)
Q4 2023	10,000	\$2.65	-	-	85,000	(\$1.08)



# SPARTAN'S SUSTAINABLE DEVELOPMENT GOALS

Spartan is Committed to Meeting the Needs of the Present, While Protecting the Future



### Results in 2021:

### 44% reduction

in Direct and Indirect GHG Emissions Intensity from 2020 to 2021

### 14% reduction

in Vented Methane Emissions from 2020 to 2021

### 40.5% increase

in wells abandoned from 2020 to 2021; a total of 89 wells were abandoned in 2021

#### **Active Initiatives:**

### **Water Recycling**

Award winning produced water recycling program at Gold Creek, resulting in 93% produced water utilization in completions in Q1 2022

# Drilling Fluid Recycling

Reduced >3,000 tonnes of landfill waste and reduced emissions by >5,300 tonnes of CO<sub>2</sub> in 2021

### **Geothermal**

Pilot project collaboration with GeoGen to develop and generate clean geothermal power using existing horizontal wells

### **Spartan 2021 ESG Report**

http://esg.spartandeltacorp.com

Spartan supports the 17 Sustainable Development Goals ("U.N. SDGs") adopted by Canada and all United Nations members to create a more sustainable future. Spartan will continue to identify ways to support the UN SDGs as we grow our ESG program.



# **INVESTOR HIGHLIGHTS**

Concentrated Core Development Areas with Torque to both Oil and Natural Gas Tailwinds

Dominant position in two core areas, the **Montney and Deep Basin**, yielding some of Canada's most prolific economics

Financial sustainability with prudent leverage and strong Adjusted Funds Flow<sup>(1)</sup> across a range of commodity prices

The Deep Basin with robust economics and infrastructure footprint is Spartan's Free Funds Flow<sup>(1)</sup> engine

Spartan is the dominant player in Canada's Montney oil window providing growth for the next decade

Development plan focused on organic growth and material Free Funds Flow<sup>(1)</sup> generation

Experienced team with a record of efficient capital discipline and value creation

Sustainable company with a clean operating platform and no liability overhang

Indigenous partnerships for sustainable and responsible resource development

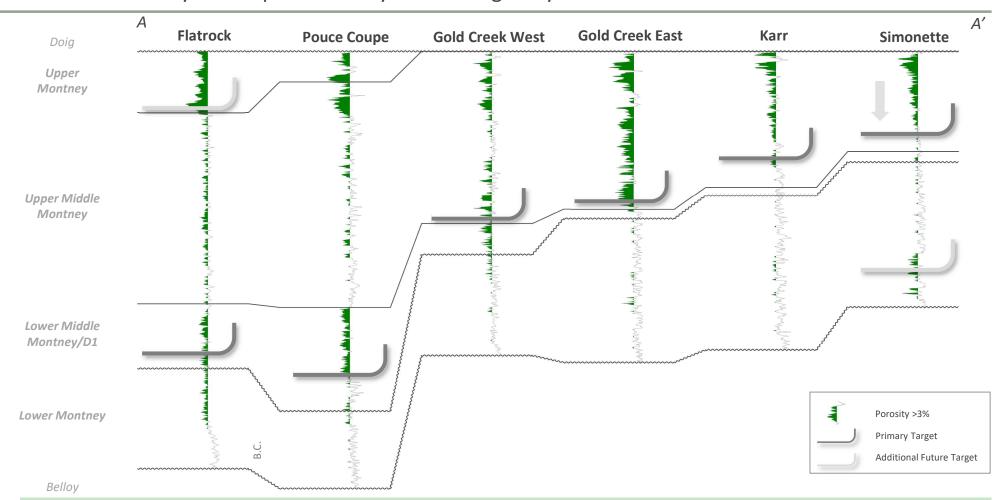


# **APPENDIX**



# **MONTNEY TARGETS AND RESERVOIR PARAMETERS**

Extensive Inventory Developed Primarily With a Single Layer to Maximize Returns

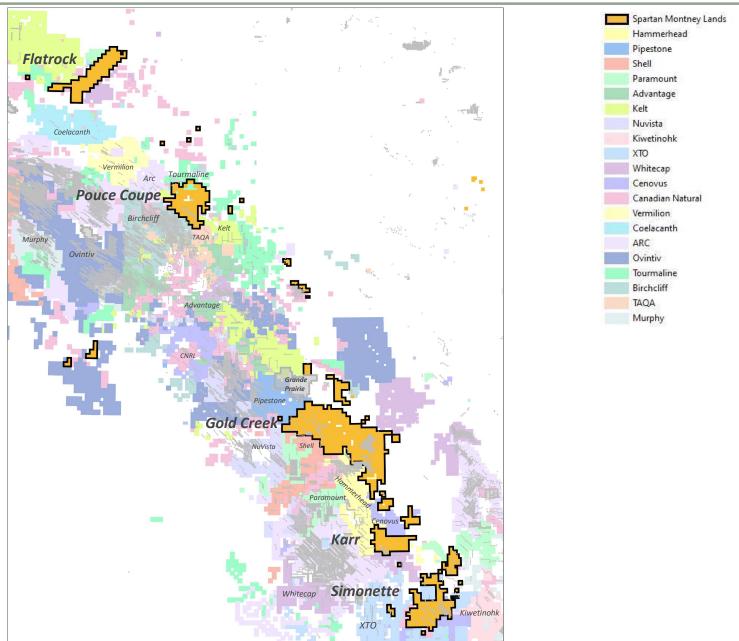


ASSET	FLATROCK	POUCE COUPE	GOLD CREEK WEST	GOLD CREEK EAST	KARR	SIMONETTE
Primary Montney Target	Lower Middle	Lower Middle	Middle	Upper Middle	Upper Middle	Middle
HCIIP (MMBOE/SEC)	21	30	37	45	22	25
Porosity (%)	5.8	5.1	4.6	7.0	4.5	4.9
Gross Thickness (m)	40	55	120	88	83	56
Net Pay >3% (m)	40	58	82	85	66	49
Sw (%)	29	26	39	40	39	34
Pressure (MPa)	17-18	18-22	23-27	20-22	23-27	25-35



# **AREA MONTNEY MAP**

## Spartan's Positioning in the Montney Fairway



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# **ANALYST COVERAGE & CONTACT INFORMATION**

Institution	Analyst
ATB Capital Markets	Patrick O'Rourke
BMO Capital Markets	Mike Murphy
CIBC Capital Markets	Chris Thompson
Cormark Securities	Garett Ursu
Desjardins Capital Markets	Chris MacCulloch
Eight Capital	Phil Skolnick
Haywood Capital Markets	Christopher Jones
National Bank Financial	Dan Payne
Paradigm Capital	Adam Gill
Peters & Co. Limited	Dan Grager
Raymond James	Jeremy McCrea
Scotia Capital	Cameron Bean
Stifel - FirstEnergy	Cody Kwong
TD Securities	Aaron Bilkoski

#### **EXECUTIVE OFFICE**

Spartan Delta Corp.

1500, 308 – 4<sup>th</sup> Avenue SW Calgary, Alberta T2P 0H7 P: 403 265 8011

W: www.spartandeltacorp.com

#### **TRANSFER AGENT**

**Odyssey Trust Company** 

1230, 300 – 5<sup>th</sup> Avenue SW Calgary, Alberta T2P 3C4

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#### **AUDITORS**

PricewaterhouseCoopers LLP

Calgary, Alberta

#### **ENGINEERING CONSULTANTS**

McDaniel & Associates Consultants Ltd.

Calgary, Alberta

#### **LEGAL COUNSEL**

Stikeman Elliott LLP

Calgary, Alberta

#### STOCK EXCHANGE LISTING

The TSX Exchange Trading Symbol: SDE

#### **INVESTOR INFORMATION**

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E: IR@spartandeltacorp.com

#### **CORPORATE CALENDAR**

November 8, 2022

Third Quarter 2022 Results



# **MANAGEMENT TEAM & BOARD OF DIRECTORS**

### **MANAGEMENT TEAM**

Richard McHardy Executive Chairman & Director	>	Former President, CEO and co-founder of Spartan Energy, Spartan Oil and Spartan Exploration
<b>Fotis Kalantzis</b> President, CEO & Director	>	Former SVP and co-founder of Spartan Energy, Spartan Oil and Spartan Exploration
<b>Geri Greenall</b> CFO	>	Former CFO and co-founder, Camber Capital Corp., former Portfolio Manager & Chief Compliance Officer, Canoe Financial
Thanos Natras  VP Exploration	>	Former Geoscience Manager, Spartan Energy, former VP Exploration, Arcan Resources
Craig Martin VP Operations	>	Former Manager D&C, Spartan Energy and Spartan Oil
Randy Berg VP Land	>	Former VP Land, Spartan Energy, former VP Business Development & Land, Renegade Petroleum
Mark Hodgson VP Corporate Development	>	Former VP Operations, Obsidian Energy, former VP New Ventures & Country Manager, Bankers Petroleum
<b>Brendan Paton</b> VP Engineering	>	Former Manager Engineering, Spartan Delta, former Production Engineer, Shell Canada
Ashley Hohm VP Finance & Controller	>	Former VP Finance, Kelt Exploration, former Manager Financial Reporting, Celtic Exploration

### **INDEPENDENT BOARD OF DIRECTORS**

Donald Archibald	Former Director of Spartan Energy, Spartan Oil, and Spartan Exploration • former President, Cypress Energy; Chairman & CEO, Cequel Energy; President & CEO, Cyries Energy	
Reg Greenslade	Former Director of Spartan Energy, Spartan Oil and Spartan Exploration · former Chairman, President & CEO, Big Horn Resources, Enterra Energy, Enterra Energy Trust, JED Oil; President & CEO, Tuscany International Drilling	
Kevin Overstrom	Founder and a principal of KO Capital Advisors · former Vice Chairman & Co-Head Energy Investment Banking, GMP FirstEnergy	
Tamara MacDonald	Former SVP, Corporate and Business Development, Crescent Point Energy • Director of Southern Energy Corp., and Equin Canada	or



### **DISCLAIMER**

#### **Forward Looking Statements**

- Certain information included in this presentation constitutes forward-looking information under applicable securities legislation. Forward looking information typically contains statements with words such as "anticipate", "believe", "expect", "plan", "intend", "estimate", "propose", "project" or similar words suggesting future outcomes or statements regarding an outlook. Forwardlooking information in this presentation may include, but is not limited to, statements about: corporate strategy, objectives, strengths and focus of Spartan; the intentions of management and Spartan with respect to its growth strategy and business plan, including production increases and the timing thereof: Spartan's expectations regarding its 2022 drilling program. including the location of wells, scheduled drilling dates and the timing of expected pay out from such wells: the scale and repeatability of Spartan's drilling inventory: Spartan's intentions to maintain balance sheet flexibility to allow Spartan to take advantage of future opportunities; Spartan's acquisition and consolidation strategy and targets; expected benefits from recent acquisitions; Spartan plans to deliver strong operational performance and reduce debt; Spartan's production forecasts; Spartan's updated H2 2022 guidance and budget, Spartan's cost-cutting measures and the results thereof; future intentions with respect to returning capital to shareholders; Spartan's use of new technologies; Spartan's ESG initiatives, including sustainability targets and Spartan's ability to meet such targets; predictions regarding commodities pricing and industry fundamentals, including natural gas demand and supply, and the effectiveness of Spartan's risk management strategies in respect thereof; the availability and quantity of tax pools; the continuation of Spartan's strategic partnerships, and expected benefits therefrom. Statements relating to "reserves" are also deemed to be forward looking statements, as they involve the implied assessment, based on certain estimates and assumptions, that the reserves described exist in the quantities predicted or estimated and that the reserves can be profitably produced in the future.
- The forward-looking statements contained in this presentation are based on certain key expectations and assumptions made by Spartan, including expectations and assumptions concerning the performance of Spartan's management team and board, the success of future drilling, development and completion activities, the performance of existing wells, the performance of new wells, the availability and performance of facilities and pipelines, the geological characteristics of Spartan's properties, the successful application of drilling, completion and seismic technology, prevailing weather and break-up conditions and access to drilling locations, commodity prices, price volatility, price differentials and the actual prices received for products, impact of inflation on costs, royalty regimes and exchange rates, the application of regulatory and licensing requirements, the availability of capital, labour and services, Spartan's ability to complete planned capital expenditures within budgeted cost estimates, the ability to market oil and gas successfully, Spartan's ability to integrate assets and employees acquired through acquisitions and the creditworthiness of industry partners.
- Although Spartan believes that the expectations and assumptions on which the forwardlooking statements are based are reasonable, undue reliance should not be placed on the forward-looking statements because Spartan can give no assurance that they will prove to be correct. Since forward-looking statements address future events and conditions, by their very nature they involve inherent risks and uncertainties. Actual results could differ materially from those currently anticipated due to a number of factors and risks. These include, but are not limited to, stock market volatility, risks associated with the oil and gas industry in general (e.g., operational risks in development, exploration and production; the uncertainty of reserve estimates; the uncertainty of estimates and projections relating to production, costs and expenses and health, safety and environmental risks), incorrect assessment of the value of acquisitions, failure to complete or realize the benefits of acquisitions, constraint in the availability of services, commodity price and exchange rate fluctuations, actions of OPEC and OPEC+ members, wars, changes in legislation (including but not limited to tax laws, royalty regimes and environmental legislation), adverse weather or break-up conditions and uncertainties resulting from potential delays or changes in plans with respect to exploration or development projects or capital expenditures. Production forecasts are directly impacted by commodity prices and the actual timing of our capital expenditures. Actual results may vary materially from forecasts due to changes in interest rates, oil differentials, exchange rates and

the timing of expenditures and production additions. In addition, Spartan cautions that current global uncertainty with respect to the spread of the COVID-19 virus and COVID-19 variant viruses and their effect on the broader global economy may have a significant negative effect on Spartan. While the precise impact of the COVID-19 virus and associated variant viruses on Spartan remains unknown, rapid spread of the COVID-19 virus and associated variant viruses may have a material adverse effect on global economic activity, and can result in volatility and disruption to global supply chains, operations, mobility of people and the financial markets, which could affect interest rates, credit ratings, credit risk, increased operating and capital costs due to inflationary pressures, business, financial conditions, results of operations and other factors relevant to Spartan. In addition, ongoing military actions between Russia and Ukraine have the potential to threaten the supply of oil and gas from the region. The long-term impacts of the actions between these nations remains uncertain. Please refer to the Spartan's most recent Annual Information Form and MD&A for additional risk factors relating to Spartan, which can be accessed either on Spartan's website at www.spartandeltacorp.com or under the Company's profile on www.sedar.com. Readers are cautioned not to place undue reliance on this forward-looking information, which is given as of the date hereof, and to not use such forward-looking information for anything other than its intended purpose. Spartan undertakes no obligation to update publicly or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by law.

- The forward-looking information contained in this presentation is made as of the date hereof and Spartan undertakes no obligation to update publicly or revise any forward-looking information, whether as a result of new information, future events or otherwise, unless required by applicable securities laws. The forward looking information contained in this presentation is expressly qualified by this cautionary statement.
- FOFI. This presentation contains future-oriented financial information and financial outlook information (collectively, "FOFI") about Spartan's prospective results of operations, production, working capital, capital efficiency, sustaining capital, capital expenditures, enterprise value, recycle ratio, payout, operating netback, share price, investment yield, net debt (surplus). adjusted free funds flow, free funds flow, NPV10, NOI, IRR, return of capital, operating costs, cost reductions and components thereof, all of which are subject to the same assumptions, risk factors, limitations and qualifications as set forth in the above paragraphs. FOFI contained in this presentation was approved by management of the date of this presentation and was provided for the purpose of providing further information about Spartan's anticipated future business operations. Spartan disclaims any intention or obligation to update or revise any FOFI contained in this presentation, whether as a result of new information, future events or otherwise, unless required pursuant to applicable law. Readers are cautioned that the FOFI contained in this presentation should not be used for purposes other than for which it is disclosed herein. Changes in forecast commodity prices, differences in the timing of capital expenditures, and variances in average production estimates can have a significant impact on the key performance measures included in Spartan's guidance. The Company's actual results may differ materially from these estimates.
- Third Party Information. Certain information contained herein has been obtained from published sources prepared by independent industry analysts and third-party sources (including industry publications, surveys and forecasts). While such information is believed to be reliable for the purpose used herein, none of the directors, officers, owners, managers, partners, consultants, shareholders, employees, affiliates or representatives assumes any responsibility for the accuracy of such information. Some of the sources cited in this presentation have not consented to the inclusion of any data from their reports, nor has Spartan sought their consent.

### **DISCLAIMER CONT'D**

#### Oil and Gas Advisories

- BOE Disclosure. The term barrels of oil equivalent ("boe") may be misleading, particularly if used in isolation. A BOE conversion ratio of six thousand cubic feet of natural gas to barrels of oil equivalence is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. All BOE conversions in this presentation are derived from converting gas to oil in the ratio mix of six thousand cubic feet of gas to one barrel of oil.
- Product Types. Throughout this presentation, "crude oil" or "oil" refers to light and medium crude oil product types as defined by NI 51-101. Condensate is a natural gas liquid as defined by National Instrument 51-101 Standards of Disclosure for Oil and Gas Activities ("NI 51-101"). References to "natural gas liquids" or "NGLs" throughout this presentation comprise pentane, butane, propane, and ethane, being all NGLs as defined by NI 51-101 other than condensate, which is disclosed separately because the value equivalency of condensate is more closely aligned with crude oil. References to "natural gas" or "gas" relates to conventional natural gas. References to "liquids" includes crude oil, condensate, and NGLs.
- Reserves Disclosure. All reserves information in this presentation relating to Spartan's yearend reserves were prepared by McDaniel & Associates Consultants Ltd. ("McDaniel") effective as of December 31, 2021 (the "McDaniel Report"), in accordance with NI 51-101 and the COGE Handbook. All reserve references in this presentation are "Company share reserves". Company share reserves are the applicable company's total working interest reserves before the deduction of any royalties and including any royalty interests payable to the company. It should not be assumed that the present worth of estimated future amounts presented in the tables above represents the fair market value of the reserves. There is no assurance that the forecast prices and costs assumptions will be attained, and variances could be material. The recovery and reserve estimates of the crude oil, natural gas liquids and natural gas reserves provided herein are estimates only and there is no quarantee that the estimated reserves will be recovered. Actual crude oil, natural gas and natural gas liquids reserves may be greater than or less than the estimates provided herein. All evaluations and summaries of future net revenue are stated prior to the provision for interest, debt service charges or general and administrative expenses and after deduction of royalties, operating costs, estimated well abandonment and reclamation costs and estimate future capital expenditures.
- <u>Short-Term Production.</u> References in this presentation to IP365 and other short-term production rates are useful in confirming the presence of hydrocarbons, however such rates are not indicative of long-term performance or of ultimate recovery. While encouraging, readers are cautioned not to place reliance on such rates in calculating the aggregate production of Spartan.
- Oil and Gas Metrics. This presentation contains metrics commonly used in the oil and natural gas industry which have been prepared by management, such as "development capital", "F&D costs", "operating netback", "recycle ratio", "payout", "F&D costs" and "NPV10". These terms do not have a standardized meaning and may not be comparable to similar measures presented by other companies, and therefore should not be used to make such comparisons. Management uses these oil and gas metrics for its own performance measurements and to provide shareholders with measures to compare our operations over time. Readers are cautioned that the information provided by these metrics, or that can be derived from the metrics presented in this presentation, should not be relied upon for investment or other purposes.
- "Development Capital" means the aggregate exploration and development costs incurred in the financial year on reserves that are categorized as development. Development capital excludes capitalized administration costs.
- "Undeveloped F&D Costs" are calculated as the sum of development capital, divided by the undeveloped reserves at the proved undeveloped and proved plus probable undeveloped levels
- "Operating Netback" see "Non-GAAP Measures and Ratios".
- "Recycle Ratio" is measured by dividing operating netback by F&D cost per boe for the year.
- "Reserve Life Index" is calculated as total Company Share reserves divided by the annualized actual production
- "Payout" is achieved when revenues, less royalties, production and transportation costs are equal to the total capital costs associated with drilling, completing, equipping and tying in a

- well. Management considers payout an important measure to evaluate its operational performance and capital allocation processes. It demonstrates the return of cash flow and allows Spartan to understand how a capital program is funded under different operating scenarios, which helps assess Spartan's ability to generate value.
- "FDC" Future development costs are the future capital cost estimated for each respective category in year-end reserves attributed with realizing those reserves and associated future net revenue.
- "F&D Costs" are calculated as the sum of capital, characterized as exploration or development excluding capital used to develop assets the company acquired in the period, plus the change in FDC for each respective reserve category in the period excluding FDC associated with assets acquired in the year.
- "F&D Cost per BOE" are the F&D costs divided by the change in gross company interest reserves volumes that are characterized as exploration or development, excluding volumes associated with acquisitions, for the period.
- "FD&A Cost" is the sum of capital expenditures incurred in the period, the change in FDC required to develop each respective reserves category in the period including new FDC associated with assets acquired in the year, and the total consideration paid to acquire these assets in the year.
- "FD&A Cost per BOE" is the FD&A cost divided by the change in gross company interest reserve volumes, including changes in volumes characterized as acquisitions or divestitures, in the current period.
- "NPV10" is the anticipated net present value of the future net operating income after capital expenditures, discounted at a rate of 10% (before tax).
  - Type Curves. Type curve disclosure presented herein represents estimates of the production decline and ultimate volumes expected to be recovered from wells over the life of the well. The reservoir engineering and statistical analysis methods utilized are broad and can include various methods of technical decline analyses, and reservoir simulation all of which are generally prescribed and accepted by the COGE Handbook and widely accepted reservoir engineering practices. These type curves were generated by McDaniel, an independent qualified reserves evaluator. These type curves incorporate the most recent data from actual well results and would only be representative of the specific drilled locations. There is no guarantee that Spartan will achieve the estimated or similar results derived therefrom. Individual wells may be higher or lower but over a larger number of wells, management expects the average to come out to the type curve. Over time type curves can and will change based on achieving more production history on older wells or more recent completion information on newer wells.
- OOIP / OGIP Disclosure. The terms original-oil-in-place ("OOIP") and original-gas-in-place ("OGIP") are equivalent to total petroleum initially-in-place ("TPIIP"). TPIIP, as defined in the COGE Handbook, is that quantity of petroleum that is estimated to exist in naturally occurring accumulations. It includes that quantity of petroleum that is estimated, as of a given date, to be contained in known accumulations, prior to production, plus those estimated quantities in accumulations yet to be discovered. A portion of the TPIIP is considered undiscovered and there is no certainty that any portion of such undiscovered resources will be discovered. If discovered, there is no certainty that it will be commercially viable to produce any portion of such undiscovered resources, there is no certainty that it will be commercially viable to produce any portion of such discovered resources. A significant portion of the estimated volumes of TPIIP will never be recovered.

August 9, 2022

### **DISCLAIMER CONT'D**

#### Oil and Gas Advisories

- <u>Drilling Locations / Inventory.</u> This presentation discloses drilling inventory in three categories: (i) proved locations; (ii) probable locations; and (iii) unbooked locations. Proved locations and probable locations are derived from the McDaniel Report and account for drilling locations that have associated proved and/or probable reserves, as applicable. Unbooked locations are internal estimates based on our prospective acreage and an assumption as to the number of wells that can be drilled per section based on industry practice and internal review. Unbooked locations do not have attributed reserves or resources.
- Unbooked locations have been identified by management as an estimation of our multi-year drilling activities based on evaluation of applicable geologic, seismic, engineering, production and reserves information. There is no certainty that we will drill all unbooked drilling locations and if drilled there is no certainty that such locations will result in additional oil and gas reserves, resources or production. The drilling locations on which we drill wells will ultimately depend upon the availability of capital, regulatory approvals, seasonal restrictions, oil and natural gas prices, costs, actual drilling results, additional reservoir information that is obtained and other factors. While certain of the unbooked drilling locations have been de-risked by drilling existing wells in relative close proximity to such unbooked drilling locations, other unbooked drilling locations are farther away from existing wells where management has less information about the characteristics of the reservoir and therefore there is more uncertainty whether wells will be drilled in such locations and if drilled there is more uncertainty that such wells will result in additional oil and gas reserves, resources or production.

	Total Locations			Unbooked Locations	
DEEP BASIN	495.2	86.9	34.1	374.2	
MONTNEY	1067.9	136.0	141.4	789.5	
CHARLIE LAKE	4.0	0.0	4.0	0.0	



### DISCLAIMER CONT'D

#### Non-GAAP Measures and Ratios

- This presentation contains certain financial measures and ratios, as described below, which do not have standardized meanings prescribed by IFRS or Generally Accepted Accounting Principles ("GAAP"). As these non-GAAP financial measures are commonly used in the oil and gas industry, the Company believes that their inclusion is useful to investors. The reader is cautioned that these amounts may not be directly comparable to measures or ratios for other companies where similar terminology is used. The non-GAAP measures and ratios used in this presentation, represented by the capitalized and defined terms outlined below, are used by Spartan as key measures of financial performance and are not intended to represent operating profits nor should they be viewed as an alternative to cash provided by operating activities, net income or other measures of financial performance calculated in accordance with IFRS. Please refer to the most recent MD&A and the press release dated August 9, 2022 for additional information relating to non-IFRS measures, including a reconciliation to the nearest IFRS measures. The MD&A and press release can be accessed either on Spartan's website at www.spartandeltacorp.com or under the Company's profile on www.sedar.com.
- "Operating Income (Loss)" abbreviated as "NÓI" is calculated by deducting operating and transportation expenses from total revenue, after realized gains or losses on commodity price derivative financial instruments. Total revenue is comprised of oil and gas sales, net of royalties, plus processing and other revenue. The Company refers to Operating Income (Loss) expressed per unit of production as an "Operating Netback". "Run Rate NOI" is calculated based on annualized production and Operating Netback figures. Where a non-IFRS or IFRS measure in this presentation is qualified by the words "run rate", it represents the "pro forma" figure as adjusted to give effect to the Acquisitions. Spartan considers Run Rate NOI as an important measure to illustrate how the Corporation would have performed if the Acquisitions had been consummated at the start of the period.
- "Funds from Operations" is calculated as cash provided by (used in) operating activities before changes in non-cash working capital.
- "Adjusted Funds from Operations" is calculated by adding back transaction costs on acquisitions and settlements of decommissioning obligations to Funds from Operations. Adjusted Funds from Operations can also be calculated by deducting general and administrative and interest expenses (net of interest income) from Operating Income (Loss). Spartan's "Corporate Netback" is equal to Adjusted Funds from Operations expressed per unit of production.
- "Adjusted Funds Flow (AFF)" is calculated by deducting settlements of decommissioning obligations and lease payments from Adjusted Funds from Operations. The Company believes Adjusted Funds Flow is an appropriate metric to compare relative to Net Debt because it reflects the net cash flow generated from routine business operations and because Spartan does not include lease liabilities in its definition of Net Debt (Surplus).
- "Next 12 Month Adjusted Funds Flow" is calculated by deducting the estimated 12 month forward-looking decommissioning obligations and lease payments from the estimated 12 month forward-looking Adjusted Funds from Operations.
- "Free Funds Flow (FCF)" is calculated as Adjusted Funds Flow less total net capital expenditures, excluding acquisitions. Spartan believes Free Funds Flow provides an indication to investors and Spartan shareholders of the amount of funds the Company has available for future capital allocation decisions.
- "Asset Level FCF" is calculated as the NOI generated by a specific asset less the total net capital expenditures allocated to the specific asset.
- "Free Funds Flow (FCF) Yield" is calculated as Adjusted Funds Flow less total net capital
  expenditures, excluding acquisitions divided by the Company's Market Capitalization using the
  treasury stock fully diluted shares outstanding.
- "Adjusted Funds Flow Per Share (CFPS)" and "Free Funds Flow Per Share (FCFPS)" is used to estimate accretion on Adjusted Funds Flow (CF) and Free Funds Flow (FCF) and are calculated based on the treasury stock fully diluted shares outstanding at the end of the period
- "Net Debt (Surplus)" includes bank debt, net of Adjusted Working Capital. "Adjusted Working Capital" is calculated as current assets less current liabilities, excluding derivative

- financial instrument assets and liabilities and lease liabilities. As at March 31, 2022 and at December 31, 2021, the Adjusted Working Capital deficit (surplus) includes cash and cash equivalents, accounts receivable, prepaid expenses and deposits, accounts payable and accrued liabilities and the current portion of decommissioning obligations. Spartan uses Net Debt (Surplus) as a measure of the Company's financial position and liquidity, however it is not intended to be viewed as an alternative to other measures calculated in accordance with IFRS.
- "Enterprise value" is calculated as the Market Capitalization of the Company plus Net Debt, where "Market Capitalization" is defined as the total number of common shares outstanding multiplied by the price per share at a given point in time.
- "EV/DACF" is the enterprise value divided by the debt adjusted cash flow and is used as a measurement of the value of the company.
- "Sustaining / maintenance capital" is the estimated capital required to bring on new production which offsets the natural decline of the existing production and keeps the year-over-year production flat.
- "Capital efficiency" is the amount spent to add an additional barrel a day of production to a company's annual exit production.
- "Internal rate of return (IRR)" is the discount rate required to arrive at an NPV equal to zero. Rates of return set forth in this presentation are for illustrative purposes. There is no guarantee that such rates of return will be achieved in the future.
- "Payout Ratio" is the ratio derived from total capital expenditures net of acquisitions and divestitures divided by Adjusted Funds Flow.
- "Total Return" or "Total Shareholder Return" is calculated as the sum of Free Funds Flow Yield and YoY Production Growth.
- US Disclaimer. This presentation is not an offer of the securities for sale in the United States. The securities have not been registered under the U.S. Securities Act of 1933, as amended, and may not be offered or sold in the United States absent registration or an exemption from registration. This presentation shall not constitute an offer to sell or the solicitation of an offer to buy nor shall there be any sale of the securities in any state in which such offer, solicitation or sale would be unlawful.



ust 9, 2022

# **PRICE DECK DETAILS**

# **Guidance Pricing**

All guidance, forecasts and economics are based on the following budget price deck (unless otherwise stated):

	2022
C\$/GJ	\$5.45
US\$/bbl	\$95.67
C\$/bbl	\$118.37
C\$/bbl	\$120.82
US\$/Gal	\$1.18
US\$/C\$	1.279
US\$/MMBTu	\$6.97
US\$/bbl	\$3.12
US\$/bbl	\$1.20
US\$/MMBtu	\$2.33
	US\$/bbI C\$/bbI C\$/bbI US\$/GaI US\$/C\$ US\$/MMBTu US\$/bbI US\$/bbI

# **AUDITOR PRICE DECK DETAILS**

Three Consultant Average (McDaniel, GLJ and Sproule) January 1, 2022

# 3 Consultant Average (McDaniel, GLJ and Sproule)

Summary of Price Forecasts Saturday, January 1, 2022

	Crude Oil Pri	ce Forecasts	Liquids Price Forecasts				Gas Price Forecasts			
Year	WTI Crude Oil \$US/bbl	Edmonton Light Crude Oil \$C/bbl	Edmonton Ethane \$/bbl	Edmonton Propane \$/bbl	Edmonton Butanes \$/bbl	Edmonton Cond. & Natural Gasolines \$/bbl	U.S. Henry Hub Gas Price \$US/M M Btu	Alberta AECO Spot Price \$C/MMBtu	Inflation %	US/CAN Exchange Rate \$US/\$CAN
	(1)	(2)						(3)		
Forecast										
2022	72.83	86.82	11.48	43.38	57.49	91.85	3.85	3.56	0.0	0.797
2023	68.78	80.73	10.33	35.92	50.17	85.53	3.44	3.21	2.3	0.797
2024	66.76	78.01	9.81	34.62	48.53	82.98	3.17	3.05	2.0	0.797
2025	68.09	79.57	10.01	35.31	49.50	84.63	3.24	3.11	2.0	0.797
2026	69.45	81.16	10.22	36.02	50.49	86.33	3.30	3.17	2.0	0.797
2027	70.84	82.78	10.42	36.74	51.50	88.05	3.37	3.23	2.0	0.797
2028	72.26	84.44	10.64	37.47	52.53	89.82	3.44	3.30	2.0	0.797
2029	73.70	86.13	10.86	38.22	53.58	91.61	3.50	3.36	2.0	0.797
2030	75.18	87.85	11.08	38.99	54.65	93.44	3.58	3.43	2.0	0.797
2031	76.68	89.61	11.31	39.77	55.74	95.32	3.65	3.50	2.0	0.797
2032	78.21	91.40	11.54	40.56	56.86	97.22	3.72	3.57	2.0	0.797
2033	79.78	93.23	11.77	41.37	57.99	99.17	3.79	3.64	2.0	0.797
2034	81.37	95.09	12.00	42.20	59.15	10 1.15	3.87	3.71	2.0	0.797
2035	83.00	96.99	12.24	43.05	60.34	103.17	3.95	3.79	2.0	0.797
2036	84.66	98.93	12.49	43.91	61.54	105.24	4.03	3.86	2.0	0.797
Thereafter	+2%/yr	+2%/yr	+2%/yr	+2%/yr	+2%/yr	+2%/yr	+2%/yr	+2%/yr	2.0	0.797



# **AUDITOR PRICE DECK DETAILS**

Three Consultant Average (McDaniel, GLJ and Sproule) January 1, 2021

## 3 Consultant Average (McDaniel, GLJ and Sproule)

Summary of Price Forecasts Friday, January 1, 2021

	Crude Oil Pri	ce Forecasts	Liquids Price Forecasts				Gas Price	Forecasts		
Year	WTI Crude Oil \$US/bbl	Edmonton Light Crude Oil \$ C/bbl	Edmonton Ethane \$/bbl	Edmonton Propane \$/bbl	Edmonton Butanes \$/bbl	Edmonton Cond. & Natural Gasolines \$/bbl	U.S. Henry Hub Gas Price \$US/MMBtu	Alberta AECO Spot Price \$C/MMBtu	Inflation %	US/CAN Exchange Rate \$US/\$CAN
•	(1)	(2)						(3)		
Forecast										
2021	47.17	55.76	8.91	18.18	26.36	59.24	2.83	2.78	0.0	0.768
2022	50.17	59.89	8.65	21.91	32.85	63.19	2.87	2.70	1.3	0.765
2023	53.17	63.48	8.35	24.57	39.20	67.34	2.90	2.61	2.0	0.763
2024	54.97	65.76	8.46	25.47	40.65	69.77	2.96	2.65	2.0	0.763
2025	56.07	67.13	8.63	26.00	41.50	71.18	3.02	2.70	2.0	0.763
2026	57.19	68.53	8.81	26.54	42.36	72.61	3.08	2.76	2.0	0.763
2027	58.34	69.95	8.99	27.09	43.24	74.07	3.14	2.81	2.0	0.763
2028	59.50	71.40	9.17	27.65	44.14	75.56	3.20	2.87	2.0	0.763
2029	60.69	72.88	9.36	28.23	45.06	77.08	3.26	2.92	2.0	0.763
2030	61.91	74.34	9.54	28.79	45.96	78.62	3.33	2.98	2.0	0.763
2031	63.15	75.83	9.74	29.37	46.88	80.20	3.39	3.04	2.0	0.763
2032	64.41	77.34	9.93	29.95	47.82	81.80	3.46	3.10	2.0	0.763
2033	65.70	78.89	10.13	30.55	48.77	83.44	3.53	3.16	2.0	0.763
2034	67.01	80.47	10.33	31.16	49.75	85.10	3.60	3.23	2.0	0.763
2035	68.35	82.08	10.54	31.79	50.74	86.81	3.67	3.29	2.0	0.763
Thereafter	+2%/yr	+2%/yr	+2%/yr	+2%/yr	+2%/yr	+2%/yr	+2%/yr	+2%/yr	2.0	0.763



# **ABBREVIATIONS**

AECO Alberta Energy Company "C" Meter Station of the NOVA Pipeline System

API American Petroleum Institute gravity
ARO Asset Retirement Obligations
bbl; bbl/d Barrel; barrels per day

bcf; bcf/d Billion cubic feet of natural gas; billion cubic feet per day of natural gas

BN Billion

boe; boe/d Barrels of oil equivalent; barrels of oil equivalent per day (6:1)

CCAA Companies' Creditors Arrangement Act

CO<sub>2</sub> Carbon Dioxide

DCET Capital expenditures incurred to drill, complete, equip and tie-in a well

ESG Environmental, Social and Governance

EUR Estimated Ultimate Recovery

F&D Finding and Development cost per barrel of oil equivalent

FD&A Finding, Development and Acquisition cost per barrel of oil equivalent

FDC Future Development Capital
G&A General and Administrative expense

GCE Gold Creek East
GCW Gold Creek West
GJ Gigajoules

H1 2022 The first half of the 2022 calendar year
H2 2022 The second half of the 2022 calendar year

HZ horizontal length

IFRS International Financial Reporting Standards as issued by the International Accounting Standards Board ("IASB")

IP365 average production for the first 365 days that a well is onstream

LMR Liability Management Rating (Alberta)

M or m Thousand

mbbl thousand barrels of oil

mBOE thousand barrels of oil equivalent

mcf/d Thousand cubic feet per day of natural gas

MM or mm Million

mmboe/sec million barrels of oil equivalent per section

mmbtu; mmbtu/d Metric million British thermal unit; metric million British thermal unit per day

MMcf/d Million cubic feet per day of natural gas

NGLs Natural Gas Liquids
NOI Net Operating Income

NPV10 Net Present Value with a discount rate of 10%

NYMEX New York Mercantile Exchange

OPEX Operating Expense
Q2 2022 Second quarter of 2022

SDE Trading symbol for Spartan Delta Corp. common shares on the TSX

TC type curve

TP Total Proved reserves

TPP Total Proved plus Probable reserves

U.N. SDGs United Nations Sustainable Development Goals

WI Working Interest
WS well spacing

WTI West Texas Intermediate Oil Price (US\$/bbl)

YE Year-End YTD Year-to-date





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