

SCOTIA HOWARD WEIL 2019 ENERGY CONFERENCE

Carrizo Oil & Gas March 24-27, 2019

Forward Looking Statements / Note Regarding Reserves

This presentation contains statements concerning the Company's intentions, expectations, projections, assessments of risks, estimations, beliefs, plans or predictions for the future, objectives, goals, strategies, future events or performance and underlying assumptions and other statements that are not historical facts. These statements are "forward-looking" statements" within the meaning of the Private Securities Litigation Reform Act of 1995. The forward-looking statements in this presentation include, but are not limited to, statements relating to the Company's business and financial outlook, cost and risk profile of oil and gas exploration and development activities, quality and risk profile of the Company's assets, liquidity and the ability to finance exploration and development activities, including accessibility of borrowings under the Company's revolving credit facility, commodity price risk management activities and the impact of our average realized prices, growth strategies, ability to explore for and develop oil and gas resources successfully and economically, estimates and forecasts of the timing, number, profitability and other results of wells we expect to drill and other exploration activities, drilling inventory, downspacing, infill drilling and completion optimization results, estimates regarding timing and levels of production or reserves, estimated ultimate recovery, the Company's capital expenditure plan and allocation by area, cost reductions and savings, efficiency of capital, the price of oil and gas at which projects break-even, future market conditions in the oil and gas industry, ability to make, integrate and develop acquisitions and realize any expected benefits or effects of completed acquisitions, midstream arrangements and agreements, gas marketing strategy, lease terms, expected working or net revenue interests, the ability to adhere to our drilling schedule, acquisition of acreage, including number, timing and size of projects, planned evaluation of prospects, probability of prospects having oil and gas, working capital requirements, liquids weighting, rates of return, net present value, 2019 exploration and development plans, any other statements regarding future operations, financial results, business plans and cash needs and all other statements that are not historical facts. Statements in this presentation regarding availability under our revolving credit facility are based solely on the current borrowing base commitment amount and amounts outstanding on such date. The amounts we are able to borrow under the revolving credit facility are subject to, and may be less due to, compliance with financial covenants and other provisions of the credit agreement governing our revolving credit facility.

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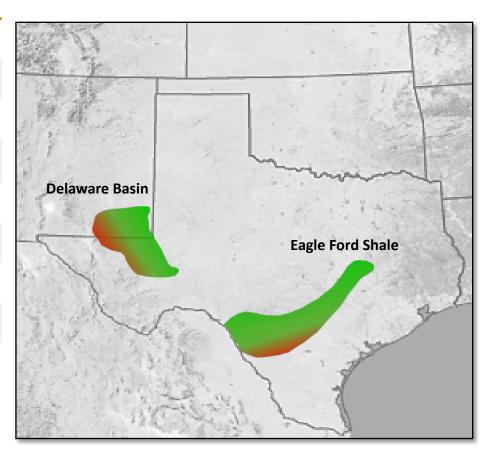
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Carrizo Overview

NASDAQ Symbol	CRZO
Market Capitalization	\$1.2 BN
Enterprise Value	\$3.1 BN
Net Debt/EBITDA ¹	2.4x
4Q18 Total Production (MBoe/d)	68.3
4Q18 Crude Oil Production (MBbls/d)	43.0
YE 2018 Proved Reserves (MMBoe)	329.4
2019 Capex (millions)	\$525 - \$575
2019 Production Growth	~11%

	Net Acreage Position	Net Undrilled Locations ²
Eagle Ford Shale	76,500	>600
Delaware Basin	46,000	>1,400
Total	122,500	>2,000



²Location counts as of year-end 2018.

Strategic Goals

Maximize Corporate Returns

- Allocate capital to highest-return assets
- Target double-digit ROCE

Generate Free Cash Flow

- Target free-cash-flow-positive development program
- Use free cash flow for leverage reduction, share buybacks, etc.

Improve Leverage Profile

- Divestitures have helped drive a material improvement in leverage
- Target leverage below 2.0x

Deliver Prudent Growth

- Trailing 3-year production CAGR of 17%
- Target long-term production growth that facilitates achievement of financial goals

Act as Good Corporate Citizen

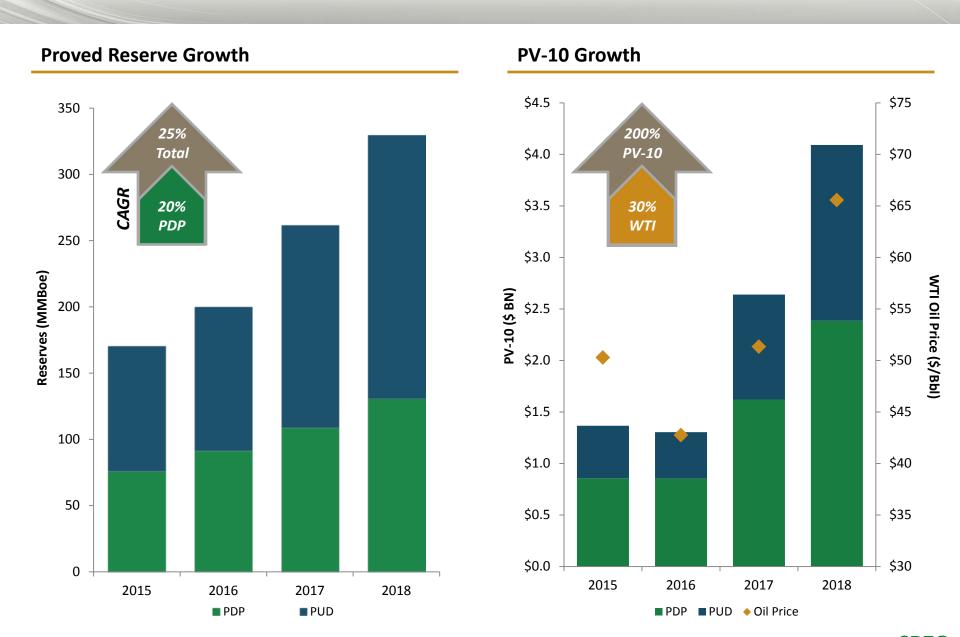
- Operate in an environmentally-sensitive manner
- Provide a safe and rewarding workplace environment

Strategic Evolution

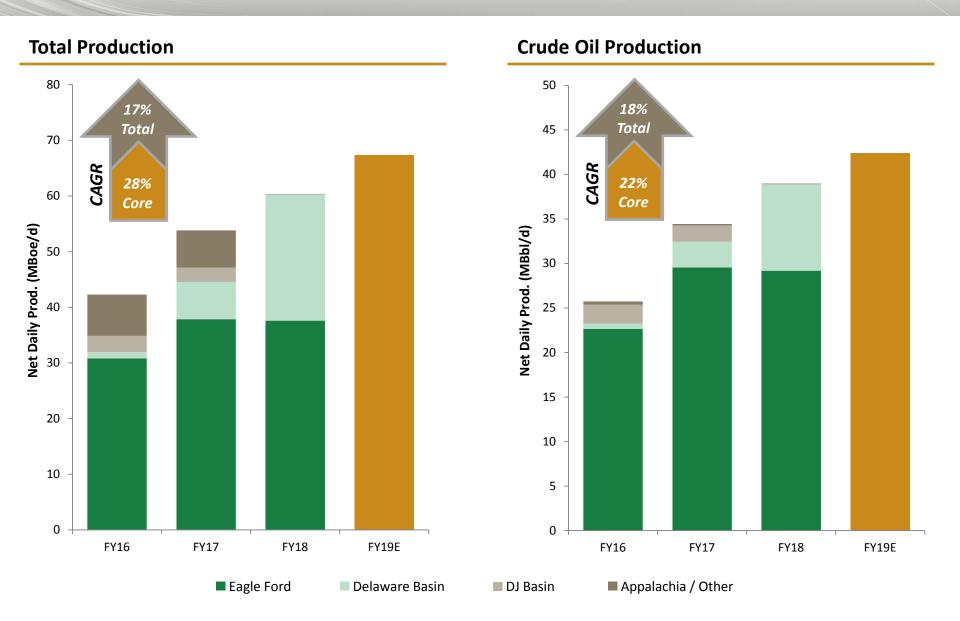
Transitioning to a Sustainable Free Cash Flow Program

Focus on Highest-margin Plays		Generate Synergies and Operational Efficiencies	Deliver Growth within Cash Flow		
Jan-17	Jan-18	Jan-19	Jan-20		
 Divested non assets in App and DJ Basin, as downdip a Eagle Ford Sh Strategically scale in Delay Basin through complements acquisitions 	palachia , as well assets in pale added ware h two	 Flexed activity between plays to capitalize on highest- margin opportunities Shifted to large- scale multipad developments Achieved material cost reductions 	 Generate prudent production growth Continue to focus on operational efficiencies and cost savings Use excess cash flow for debt reduction or return of capital to shareholders 		

Proved Reserves Provide Strong Value Support



Recent Growth Driven by High-margin Oil Plays

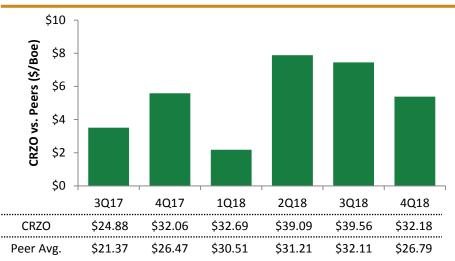


History of Top-tier Margins

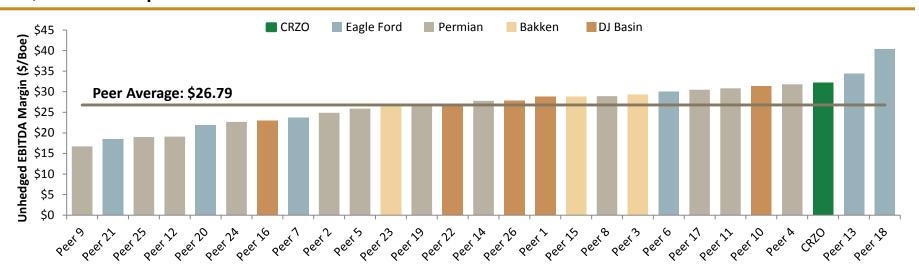
Oil-focused Assets Drive Outperformance

- CRZO's focus on the core of plays it targets results in margins that consistently exceed peers
- Seaborne-based pricing in the Eagle Ford should drive a continued margin advantage
- Dual-basin portfolio allows CRZO to shift capital to its highest-margin play

EBITDA Margin¹ Advantage



4Q18 Peer Comparison

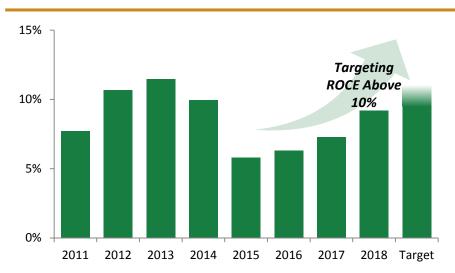


Returns Matter

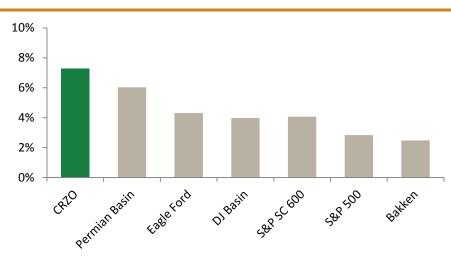
Targeting Double-digit ROCE

- CRZO's ROCE ranks in the top tier of E&P peers
- Only allocating capital to projects that deliver a double-digit corporate-level return assuming a mid-\$50s oil price
- More balanced spending throughout the commodity price cycles should enhance returns over time

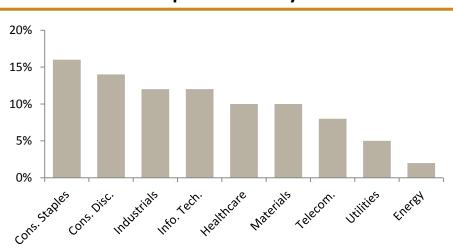
Historical ROCE¹



2017 ROCE vs. E&P Peers²



2017 S&P Small-cap 600 ROCE by Select Sector

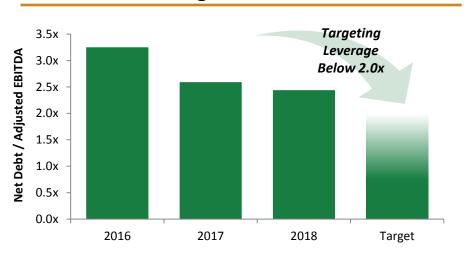


¹ROCE is calculated as adjusted EBITDA less DD&A, exploration expense, and dry hole cost divided by average total assets less average current liabilities, adjusted for E&P impairments. ²Permian peers: CDEV, CPE, CXO, FANG, HK, JAG, LPI, MTDR, PE, PXD, REN. Eagle Ford peers: EPE, PVAC, SBOW, SN, WRD. DJ Basin peers: HPR, BCEI, SRCI. Bakken peers: CLR, NOG, OAS, WLL. Source: Factset, Company reports.

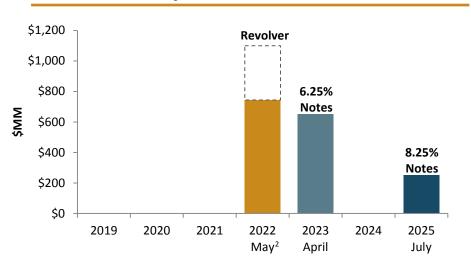
Balance Sheet Improvement Remains a Focus

Free Cash Flow Targeted for Debt Reduction

Historical Leverage Metrics¹



Debt Maturity Profile





Revolving Credit Facility

\$1.1 billion borrowing base commitment



6.25% Senior Unsecured Notes

\$650 million outstanding Currently callable



8.25% Senior Unsecured Notes

\$250 million outstanding Callable on July 15, 2020



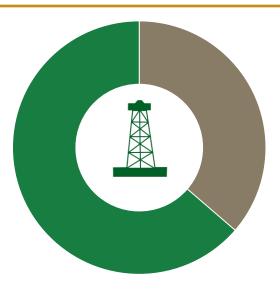
Corporate Credit Rating

B1 (Positive) / B+

Hedging Program

Disciplined Strategy Protects Cash Flows

2019 Program





Hedge 50%-75% of crude oil production



Target floor price >\$50/Bbl

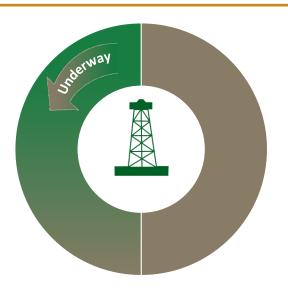


Protect cash flows



Maintain upside exposure

2020+ Program Goals





Hedge 50% of crude oil production



Target floor price >\$55/Bbl



Protect cash flows

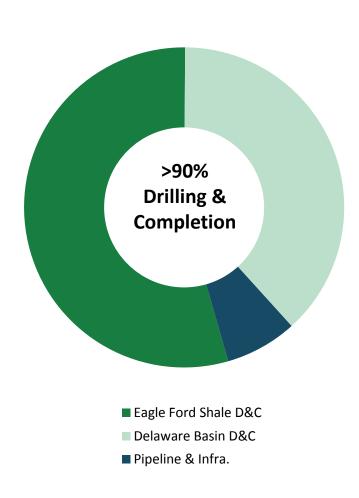


Maintain upside exposure

2019 Development Plan

Paving the Way to Free Cash Flow

\$525-\$575 Million Budget



Plan Details



Eagle Ford Shale

Drill 50-55 gross / 45-50 net operated wells Complete 75-80 gross / 70-75 net operated wells **Drive development-scale efficiencies**



Delaware Basin

Drill 25-30 gross / 20-25 net operated wells Complete 20-25 gross / 15-20 net operated wells **Test multi-layer co-development concepts**

Targeted Results



Achieve free-cash-flow-positive inflection point



Deliver double-digit growth

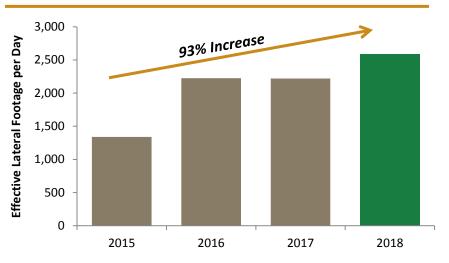


Exit the year with positive operational momentum

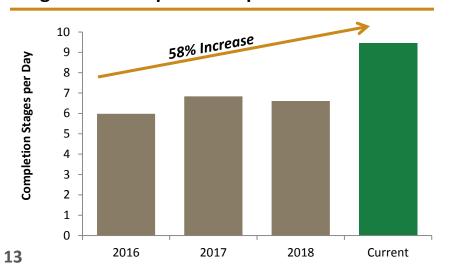
Commitment to Operational Excellence

Reducing Cycle Times Across the Asset Portfolio

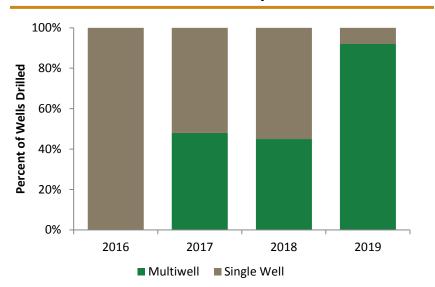
Eagle Ford Drilling Improvement



Eagle Ford Completion Improvement



Delaware Basin Pad Development



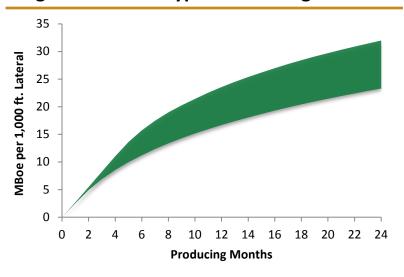
Highlights

- Process improvements and shift to larger multipads have contributed to improvements in Eagle Ford Shale cycle times
- Full-scale pad development in the Delaware Basin expected to result in additional drilling and completion efficiencies over time

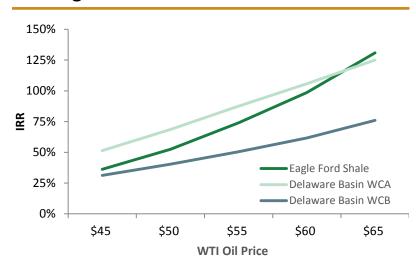
Well Economics Overview

Core Assets Generate Compelling Returns

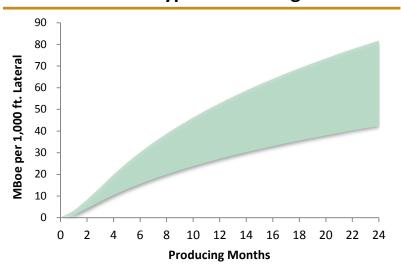
Eagle Ford Shale Type Curve Range



Average Well-level Economics



Delaware Basin Type Curve Range

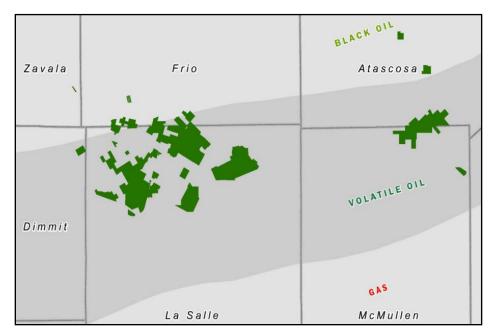


Highlights

- Eagle Ford Shale and Delaware Basin generate similar returns in the current price environment
- Dual-basin portfolio allows CRZO to shift capital to the highest-return assets in response to changes in benchmark commodity prices and regional differentials

Eagle Ford Shale

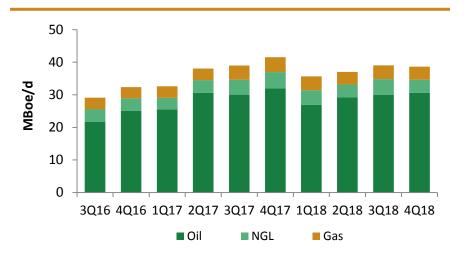
High-return, Free-cash-flow-positive Core Position



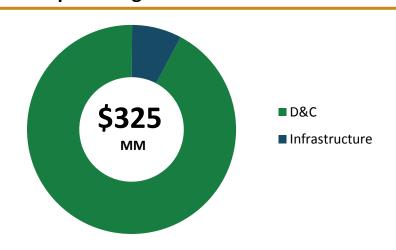
Overview

- Acreage almost entirely in the volatile oil window
- Crude oil receives premium seaborne-based pricing, contributing to strong returns
- Ample oil and gas takeaway capacity
- 2019 Program
 - Drill 50-55 gross / 45-50 net operated wells
 - Complete 75-80 gross / 70-75 net operated wells

Historical Production

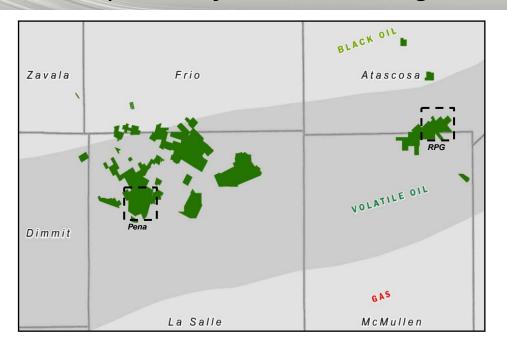


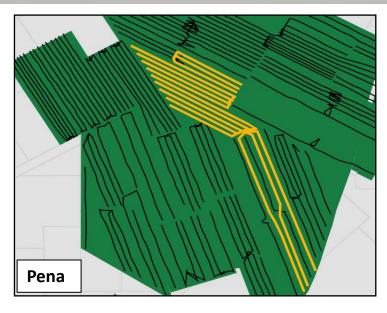
2019 Capital Program



Eagle Ford Shale

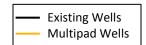
Development of Additional Large-scale Multipad Projects

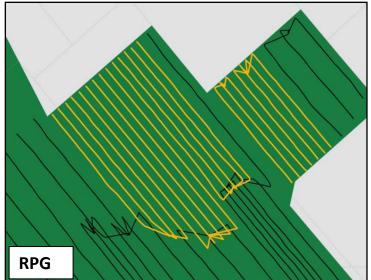




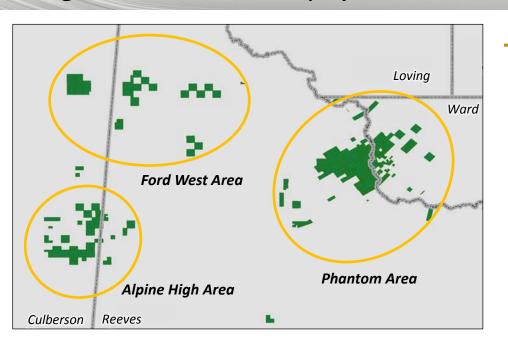
Highlights

- 15-well project at Pena has begun flowback
- 21-well project at RPG being completed
 - Scheduled to begin flowback in 2Q
- Projects expected to drive significant production growth during 2019





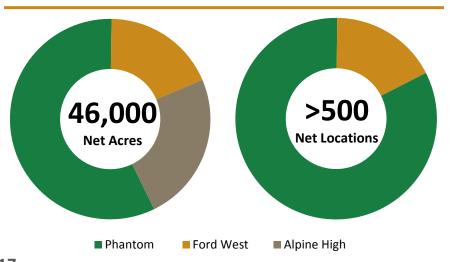
High-return, Stacked-pay Potential



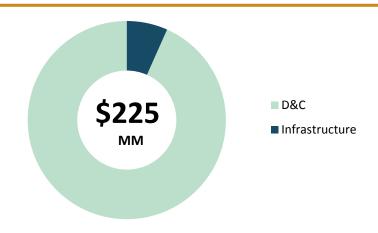
Overview

- Blocky acreage position that supports efficient long-lateral development
- Potential to provide decades of drilling inventory
- Infrastructure in place to support future growth
- 2019 Program
 - Drill 25-30 gross / 20-25 net operated wells
 - Complete 20-25 gross / 15-20 net operated wells

Area Distribution

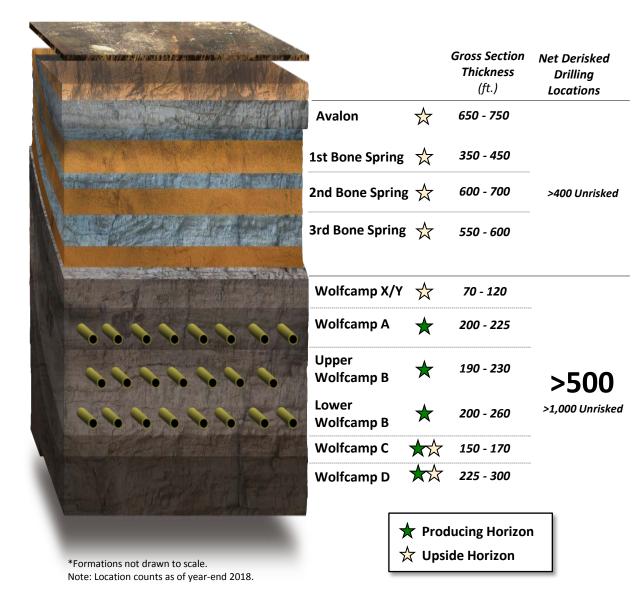


2019 Capital Program

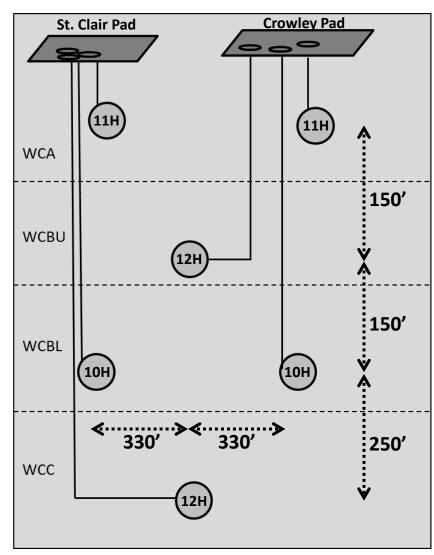


High-quality Stacked Pay with Large Inventory Upside

- Up to 10 potential targets across a 3,800' section from the Avalon through the Wolfcamp D
- 5 of 6 target Wolfcamp horizons have been successfully tested with horizontal drilling
- Offset production has been established in the 3rd Bone Spring and Wolfcamp X/Y
- More than 500 net potential derisked locations identified across the Wolfcamp A and B zones with the most well control
- Significant inventory expansion potential from additional zones

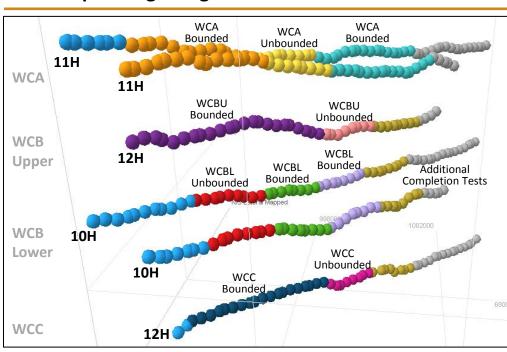


Conducting Cube Tests to Optimize Development



Note: Image not drawn to scale.

Frac Sequencing Design

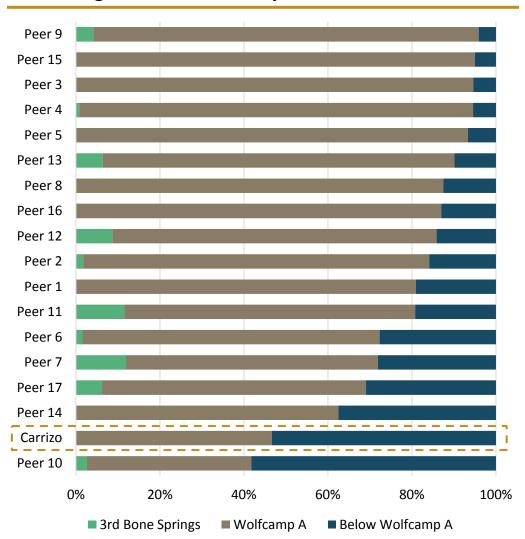


Highlights

- Area's first four-layer co-development project
 - Wolfcamp A, B Upper, B Lower, and C
- Evaluating multiple concepts
 - Created frac height, length, and barriers
 - Impact of offset-frac stress shadowing
 - Optimal landing zones

Target Horizon by Operator

Percentage of Drilled Wells by Zone



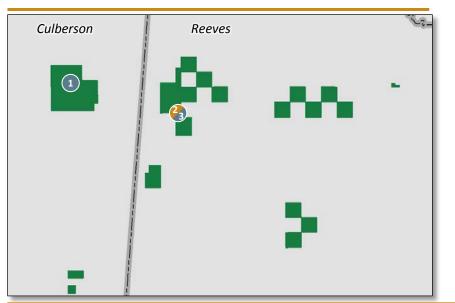
- CRZO is at the forefront of multi-layer development in the Delaware Basin
- CRZO's early focus on testing multiple horizons and early shift to multi-layer cube development is expected to resulted in a more optimal development of its acreage position

Summary Data

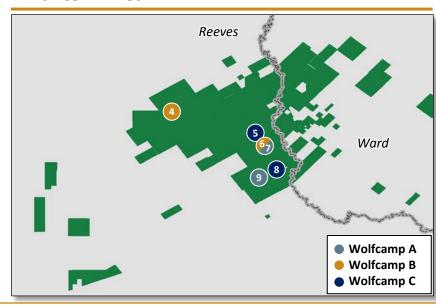
	3 rd BS	WCA	Below WCA
CRZO	0%	47%	53%
Peer Average	3%	78%	19%

Continued Strong Results from Wolfcamp Targets

Ford West Area



Phantom Area



	Well Name	Zone	Lateral Length (ft.)	30-Day Rate* (Boe/d)	60-Day Rate* (Boe/d)	90-Day Rate* (Boe/d)
1	Mustang State Unit 20H	WCA	6,150	1,433 (54% oil)	1,358 (53% oil)	1,277 (52% oil)
2	Liberator State Unit 21H	WCB	11,850	1,733 (40% oil)	1,766 (38% oil)	
3	Liberator State Unit 22H	WCA	4,372	1,367 (52% oil)	1,284 (48% oil)	
4	Lovelace State Unit B912 11H	WCB	6,950	1,552 (47% oil)	1,443 (45% oil)	1,348 (44% oil)
5	Woodson 36 Allocation B 20H	WCC	9,775	1,585 (53% oil)	1,430 (52% oil)	1,320 (51% oil)
6	Dorothy Unit 38 #1	WCB	8,640	1,595 (62% oil)	1,344 (62% oil)	1,287 (61% oil)
7	Dorothy Unit 38 11H	WCA	11,045	2,095 (56% oil)	1,952 (55% oil)	1,958 (56% oil)
8	Zeman 40 Allocation F 42H	WCC	7,750	1,420 (58% oil)		
9	Zeman-State A 4042 10H	WCA	7,654	2,201 (55% oil)	1,617 (55% oil)	1,652 (54% oil)

Investment Highlights



Premier Acreage Positions

>120,000 net acres across the Eagle Ford Shale and Delaware Basin, two of the highest-return plays in North America



Significant Growth Potential

Deep inventory of locations that generate strong returns allows for prudent, economical production growth



Positive Free Cash Flow

Expect to generate positive free cash flow beginning in the second half of 2019



Solid Financial Position

Ample liquidity under the revolver combined with a strong hedge book should allow CRZO to execute on its multi-year development plan



Experienced Management Team

Management team has extensive experience drilling horizontal shale wells, having drilled >1,000 wells since the early 2000's





Guidance Summary

	Actual				Guidance		
	1Q 2018	2Q 2018	3Q 2018	4Q 2018	1Q 2019	FY 2019	
Production Volumes:							
Total (Boe/d)	51,257	57,077	64,627	68,328	61,100 - 62,100	66,800 - 67,800	
Crude Oil %	67%	66%	63%	63%	64%	63%	
NGLs %	16%	16%	18%	17%	17%	17%	
Natural Gas %	17%	18%	19%	20%	19% 20		
Unhedged Price Realizations:							
Crude Oil (% of NYMEX oil)	100.9%	98.2%	97.5%	99.7%	99.0% - 101.0%	N/A	
NGLs (% of NYMEX oil)	36.4%	36.7%	46.1%	39.7%	37.0% - 39.0%	N/A	
Natural Gas (% of NYMEX gas)	98.3%	84.8%	77.3%	57.2%	76.0% - 78.0%	N/A	
Cash (Paid) Received for Derivative Settlements, net (\$MM)	(\$14.4)	(\$24.1)	(\$26.3)	(\$31.6)	(\$3.5) - (\$2.5) N/A		
Costs and Expenses:							
Lease Operating (\$/Boe)	\$8.51	\$6.77	\$6.90	\$7.34	\$7.50 - \$8.00	\$7.00 - \$7.75	
Production & Ad Valorem Taxes (% of Total Revenues)	5.57%	6.11%	5.63%	5.57%	6.50% - 7.00%	6.00% - 7.00%	
Cash G&A (\$MM)	\$22.7	\$9.7	\$10.0	\$9.7	\$21.0 - \$22.0	\$51.0 - \$53.0	
DD&A (\$/Boe)	\$13.98	\$13.94	\$13.47	\$13.13	\$13.00 - \$14.00	\$13.00 - \$14.00	
Interest Expense, net (\$MM)	\$15.5	\$15.6	\$15.4	\$15.9	\$16.3 - \$17.3	N/A	

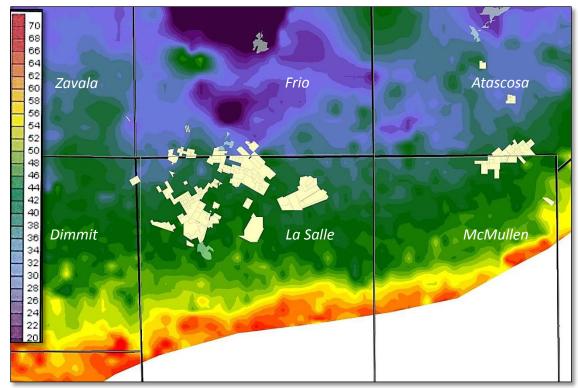
Hedge Position Detail

		1Q 2019	2Q 2019	3Q 2019	4Q 2019	FY 2020	FY 2021		
Swaps	Daily Volume (Bbl/d)					3,000			
	Price (\$/Bbl)					\$55.06			
Three-way Collars	Daily Volume (Bbl/d)	27,000	27,000	27,000	27,000	6,000			
	Floor Price (\$/Bbl)	\$50.96	\$50.96	\$50.96	\$50.96	\$55.00			
	Ceiling Price (\$/Bbl)	\$74.23	\$74.23	\$74.23	\$74.23	\$64.69			
	Sub-floor Price (\$/Bbl)	\$41.67	\$41.67	\$41.67	\$41.67	\$45.00			
LLS-Cushing	Daily Volume (Bbl/d)	6,000	6,000	6,000					
Basis Hedges	Differential (\$/Bbl)	\$5.16	\$5.16	\$5.16					
Midland-Cushing	Daily Volume (Bbl/d)	5,500	6,000	9,100	9,200	10,658	8,000		
Basis Hedges	Differential (\$/Bbl)	(\$5.24)	(\$5.38)	(\$4.44)	(\$4.64)	(\$1.68)	\$0.18		
Waha-Henry Hub Basis Hedges	Daily Volume (MMBtu/d)		14,000	15,000	15,000	23,298			
pasis neukes	Differential (\$/MMBtu)		(\$2.12)	(\$1.60)	(\$1.05)	(\$0.72)			

Note: Crude oil hedge position includes sold call options in 2019-2020. Volumes sold and weighted average ceiling prices are as follow: 3,875 Bbls/d at ~\$81/Bbl in FY 2019 and 4,575 Bbls/d at ~\$76/Bbl in FY 2020. Total hedging premium payments are as follow: \$2.6 MM for 1Q 2019, \$2.7 MM for 2Q 2019, \$2.7 MM for 3Q 2019, \$2.7 MM for 4Q 2019, \$4.0 MM for FY 2020, and \$0.3 MM for FY 2021. Carrizo also sold 33,000 MMBtu/d of call options on natural gas in 2019-2020. The weighted average ceiling price for these call options each year are as follows: \$3.25/MMBtu in FY 2019 and \$3.50/MMBtu in FY 2020.

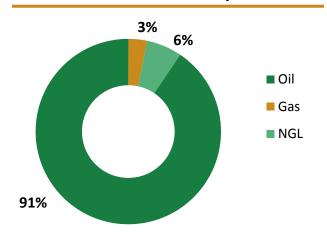
Eagle Ford Shale

API Gravity

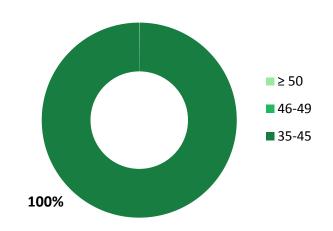


Source: DrillingInfo initial completion reports.

4Q18 Net Sales Revenue by Product



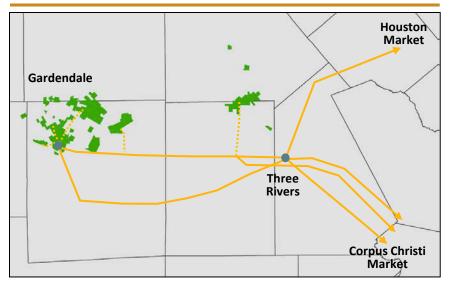
4Q18 Volumes by API Gravity



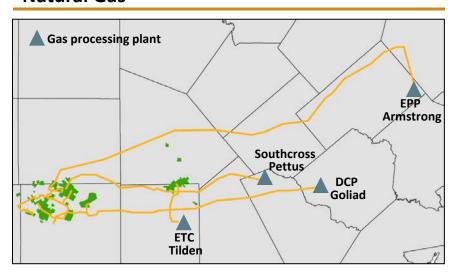
Eagle Ford Shale Midstream

Ample Takeaway Capacity

Crude Oil



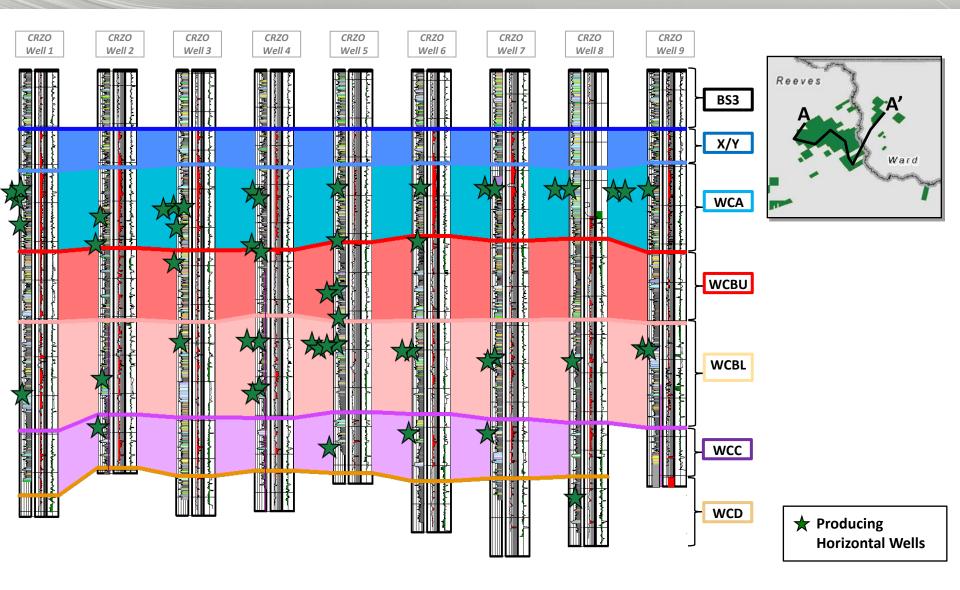
Natural Gas



Significant Infrastructure and Optionality

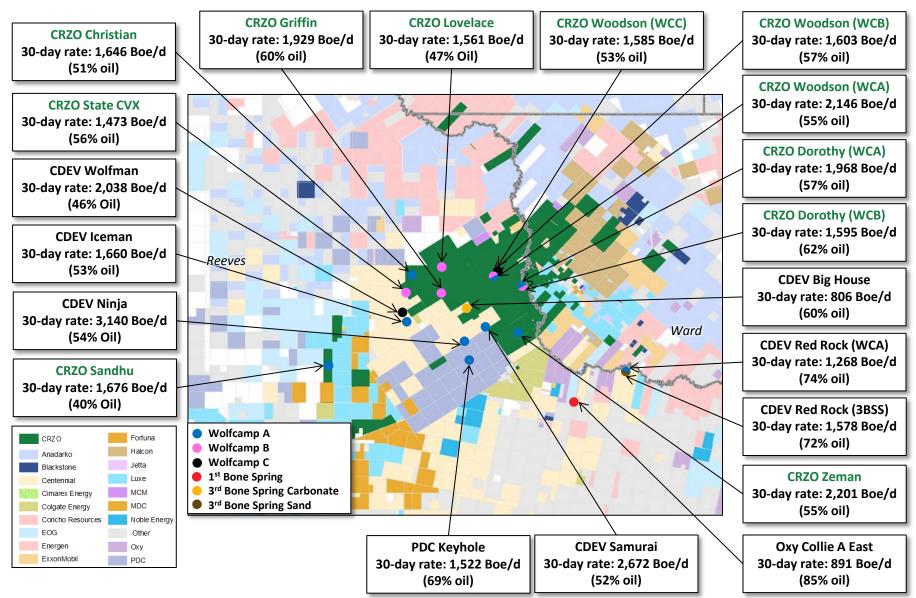
- Company-owned in-field and third-party gathering move ~70% of oil on pipelines; projects in-progress to increase to >90%
- Extensive oil and natural gas export infrastructure available across entire basin
- Significant unused capacity available for both oil and natural gas
- Close proximity to key markets minimizes transportation costs and maximizes margins
- No MVC's for either oil or natural gas
- Natural gas sold at plant tailgates and delivered to HSC markets or sold into HSC markets

Successful Wells in Multiple Wolfcamp Horizons



Delaware Basin - Phantom Area

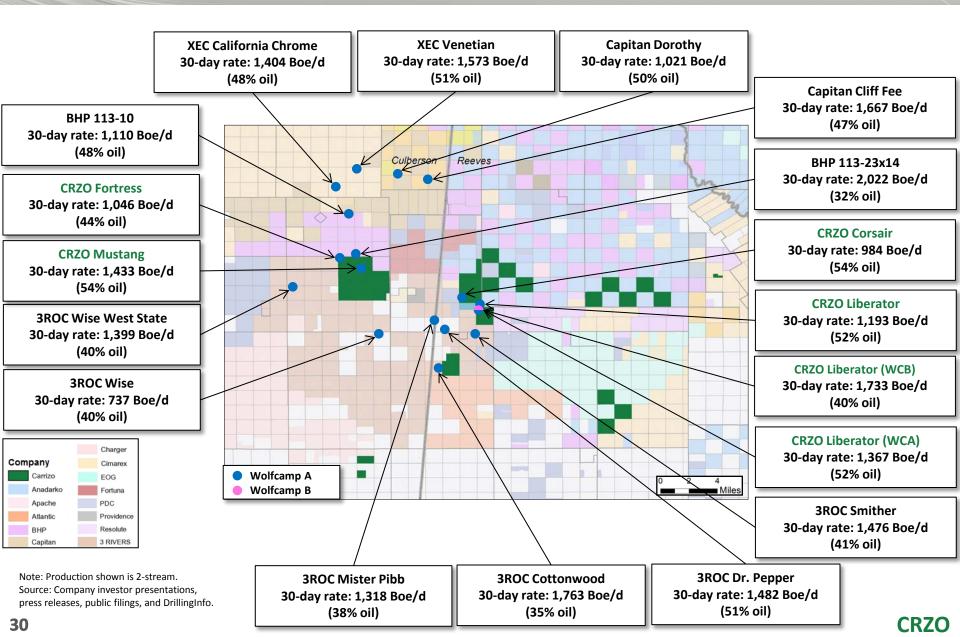
Location, Location, Location



Note: Production shown is 2-stream.

Delaware Basin - Ford West Area

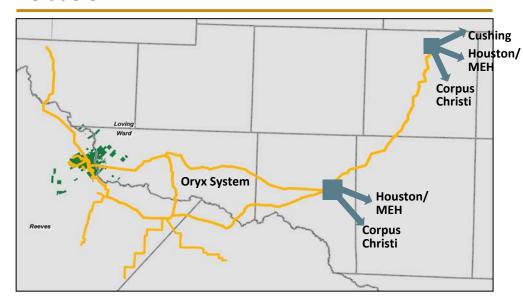
Strong Well Results Along the Culberson/Reeves Border



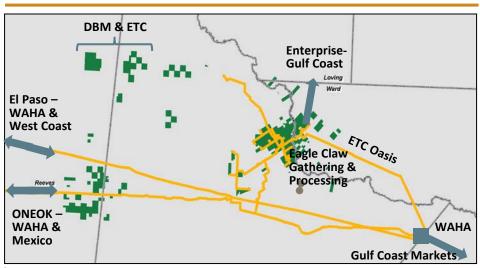
Delaware Basin Midstream

Ensuring Certainty of Flow

Crude Oil



Natural Gas



Significant Infrastructure and Optionality

Crude Oil

- Oryx system has 650 MBbl/d capacity to Crane / 200 MBbl/d capacity to Midland (expanding to 650 MBbl/d)
- Current 13.5 MBbl/d capacity on Oryx system expands to 25 MBbl/d
- First right of refusal on any unused or newly-added capacity on Oryx
- Recently executed firm sales contract with a large purchaser covering 100% of crude oil production through July 2020 with no minimum volume commitments

Natural Gas

- Gathering agreement with Eagle Claw; local system has 340 MMcf/d capacity
- Interconnects with ONEOK, El Paso, ETC, and Enterprise main lines allow access to Gulf Coast, West Coast, and Mexico
- Firm capacity of 35-45 MMcf/d on ONEOK through March 2020, 25 MMcf/d on El Paso through October 2019, and 30-50 MMcf/d on ONEOK from October 2019 through December 2020
- Ford West gas capacity on DBM and ETC

Social Responsibility at Carrizo

Striving to be a Good Corporate Citizen

Responsibility in our Communities



>\$190 MM

paid to fund education, safety, and infrastructure projects for local communities since 2011

>\$7 MM

donated through Carrizo's Corporate Giving community program since 2011

Responsibility as an Employer



>1,200

hours of onsite training provided to employees since 2017

>\$160,000

in donations and employee assistance for Hurricane Harvey recovery efforts in 2017

Responsibility for the Environment



>20%

of Delaware Basin water demand met through the use of recycled water as of year-end 2018

>1,200

Truckloads per day removed from roads through Carrizo's Active Truck Reduction Program