UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 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): April 13, 2015

LAREDO PETROLEUM, INC.

(Exact Name of Registrant as Specified in Charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

001-35380 (Commission File Number) **45-3007926** (I.R.S. Employer Identification No.)

15 W. Sixth Street, Suite 900, Tulsa, Oklahoma (Address of Principal Executive Offices) 74119 (Zip Code)

Registrant's telephone number, including area code: (918) 513-4570

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:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

Laredo Petroleum, Inc. and its subsidiaries (collectively, the "*Company*" or "*we*") are finalizing the Company's financial and production results for the three months ended March 31, 2015, and have included below a preliminary production guidance estimate that we expect to report for the first quarter of 2015. Our actual results will be different, and could differ materially, from this estimate due to the completion of our financial closing procedures, final adjustments and other developments that may arise between now and the time the results for our first quarter are finalized. The preliminary estimate for our production for the three months ended March 31, 2015 is 4.27 million barrels of oil equivalent.

The estimate above represents the most current information available to management. However, our financial closing procedures for the month and quarter ended March 31, 2015 are not yet complete and, as a result, our final results will vary from this preliminary estimate. Such variances may be material; accordingly, you should not place undue reliance on this preliminary estimate. This estimate for the three months ended March 31, 2015 is not necessarily indicative of any future period and should be read together with "Risk Factors," "Cautionary Statement Regarding Forward-Looking Statements," "Management's Discussion and Analysis of Financial Condition and Results of Operations," "Selected Historical Financial Data" and our audited consolidated financial statements and notes thereto included in our annual report on Form 10-K for the year ended December 31, 2014 and our Current Reports on Form 8-K.

The preliminary data included in this Current Report on Form 8-K has been prepared by, and is the responsibility of, our management, and has not been reviewed or audited by our independent registered public accounting firm or independent reserve engineers. Accordingly, our independent registered public accounting firm and independent reserve engineers do not express an opinion or any other form of assurance with respect to this preliminary data.

We expect our closing procedures with respect to the three months ended March 31, 2015 to be completed in May 2015.

The information set forth in Item 7.01 below and the press release and Presentation (as defined below) attached to this Current Report on Form 8-K as Exhibits 99.1 and 99.2, respectively, are incorporated into this Item 2.02 by reference.

In accordance with General Instruction B.2 of Form 8-K, the information in this Item 2.02 (including Exhibits 99.1 and 99.2) is deemed to be "furnished" and shall not be deemed "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934, as amended (the "*Exchange Act*"), or otherwise subject to the liabilities of that section, nor shall such information and Exhibits be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended (the "*Securities Act*"), or the Exchange Act.

On April 13, 2015, the Company issued a press release disclosing updated guidance and activities, referencing the previously announced joint development opportunity involving a portion of our Permian-Garden City properties and further referencing our investor meeting held on April 13, 2015. A copy of the press release is attached to this Current Report on Form 8-K as Exhibit 99.1 and incorporated into this Item 7.01 by reference.

On April 13, 2015, the Company posted to its website the corporate presentation (the "*Presentation*") that was presented at our investor meeting on the same date. The Presentation is available on our website, www.laredopetro.com, and is attached to this Current Report on Form 8-K as Exhibit 99.2 and incorporated into this Item 7.01 by reference.

All statements in the press release and the Presentation, other than historical financial information, may be deemed to be forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance, and actual results or developments may differ materially from those in the forward-looking statements. See the Company's Annual Report on Form 10-K for the year ended December 31, 2014 and the Company's other filings with the Securities and Exchange Commission for a discussion of other risks and uncertainties. The Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

In accordance with General Instruction B.2 of Form 8-K, the information in this report (including Exhibits 99.1 and 99.2) is deemed to be "furnished" and shall not be deemed "filed" for the purpose of Section 18 of the Exchange Act or otherwise subject to the liabilities of that section, nor shall such information and Exhibits be deemed incorporated by reference into any filing under the Securities Act or the Exchange Act.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.			
Exhibit Number		Description	
99.1	Press release.		
99.2	Corporate presentation, dated April 13, 2015.		
		3	

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.

LAREDO PETROLEUM, INC.

Date: April 13, 2015

By: /s/ Kenneth E. Dornblaser Kenneth E. Dornblaser

Senior Vice President & General Counsel

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EXHIBIT INDEX

Exhibit Number	Description
99.1	Press release.
99.2	Corporate presentation, dated April 13, 2015.
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15 West 6th Street, Suite 900 · Tulsa, Oklahoma 74119 · (918) 513-4570 · Fax: (918) 513-4571 www.laredopetro.com

LAREDO PETROLEUM HOSTS INVESTOR MEETING AND PROVIDES UPDATE

TULSA, OK — April 13, 2015 — Laredo Petroleum, Inc. (NYSE: LPI) ("Laredo" or the "Company") will host an investor meeting today in Houston, TX to discuss the Company's business strategies, details on key projects and plans for growth.

Update Highlights

- Announced preliminary production volumes of 4.27 million barrels of oil equivalent ("MMBOE") for the first quarter of 2015, a Company record and an increase of approximately 47% from first-quarter 2014
- · Updated production guidance for full-year 2015 to a range of 15.6 MMBOE to 16.0 MMBOE, an expected increase of approximately 13% to 16% from 2014
- Released initial type curves for 10,000-foot horizontal wells in the Upper and Middle Wolfcamp and Cline shale zones of 1.1 MMBOE, 1.0 MMBOE and 1.0 MMBOE, respectively
- · Announced an inventory of 4,865 de-risked horizontal drilling locations
- Reduced well cost estimates for multi-well pads to approximately \$5.9 million, \$6.1 million, \$6.2 million and \$6.5 million for the Upper, Middle and Lower Wolfcamp and Cline shale zones, respectively

"In 2015, Laredo has built upon the progress we made last year in our full-scale development plan for our Permian-Garden City asset," commented Randy A. Foutch, Laredo Chairman and Chief Executive Officer. "We continue to leverage our proprietary database to create value through development and discovery, with more than 4,800 de-risked horizontal locations identified, including locations added from the Canyon formation, where the Company recently completed a successful horizontal discovery well. We believe this large inventory in a premier basin coupled with lower well costs, the ability to drill 10,000-foot laterals on our contiguous acreage base, our investments in infrastructure and the ability to optimize development with our Earth Model, position us to bring forward value in a capital efficient manner as margins improve."

2015 Guidance

The table below reflects the Company's guidance for full-year 2015:

	FY-2015
Production (MMBOE)	15.6 - 16.0
Crude oil % of production	50%
Natural gas liquids % of production	25%
Natural gas % of production	25%
Price Realizations (pre-hedge):	
Crude oil (% of WTI)	~85%
Natural gas liquids (% of WTI)	~25%
Natural Gas (% of Henry Hub)	~70%
Operating Costs & Expenses:	
Lease operating expenses (\$/BOE)	\$6.75 - \$7.75
Midstream expenses (\$/BOE)	\$0.40 - \$0.50
Production and ad valorem taxes (% of oil and gas revenue)	7.75%
General and administrative expenses (\$/BOE)	\$6.00 - \$7.00
Depletion, depreciation and amortization (\$/BOE)	\$18.75 - \$19.75

Potential Transaction

As previously announced, the Company is having ongoing discussions regarding a joint development opportunity involving a portion of its northern Permian-Garden City properties as well as additional operational locations in its southern area. The Company has received significant interest and will continue to pursue discussions and negotiations associated with such drilling fund opportunities. There can be no assurance, however, that any transaction will occur.

Investor Meeting Webcast

The presentation will be webcast and is open to registrants of the conference. The Company will also make the link to the webcast and its presentation available to the public on its website, www.laredopetro.com, beginning at 1:30 p.m. CT today. A replay of the presentation will be available on the Company's website for approximately 30 days following the event.

Laredo Petroleum, Inc. is an independent energy company with headquarters in Tulsa, Oklahoma. Laredo's business strategy is focused on the acquisition, exploration and development of oil and natural gas properties primarily in the Permian Basin in West Texas.

Forward-Looking Statements

This press release and any oral statements made regarding the subject of this release, including in the presentation referenced herein, contain forward-looking statements as defined under Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements, other than statements of historical facts, that address activities that Laredo assumes, plans, expects, believes, intends, projects, estimates or anticipates (and other similar expressions) will, should or may occur in the future are forward-looking statements. The forward-looking statements are based on management's current belief, based on currently available information, as to the outcome and timing of future events.

The estimates underlying the preliminary guidance included in this release are based on the most current information available to management. As a result, our final results will vary from these preliminary estimates. Such variances may be material; accordingly, you should not place undue reliance on such preliminary estimates.

General risks relating to Laredo include, but are not limited to, the risks described in its Annual Report on Form 10-K for the year ended December 31, 2014, and those set forth from time to time in other filings with the SEC. These documents are available through Laredo's website at www.laredopetro.com under the tab "Investor Relations" or through the SEC's Electronic Data Gathering and Analysis Retrieval System ("EDGAR") at www.sec.gov. Any of these factors could cause Laredo's actual results and plans to differ materially from those in the forward-looking statements. Therefore, Laredo can give no assurance that its future results will be as estimated. Laredo does not intend to, and disclaims any obligation to, update or revise any forward-looking statement.

The SEC generally permits oil and gas companies, in filings made with the SEC, to disclose proved reserves, which are reserve estimates that geological and engineering data demonstrate with reasonable certainty to be recoverable in future years from known reservoirs under existing economic and operating conditions and certain probable and possible reserves that meet the SEC's definitions for such terms. In this press release and the presentation, the Company may use the terms "resource potential" and "estimated ultimate recovery, or EURs," each of which the SEC guidelines restrict from being included in filings with the SEC without strict compliance with SEC definitions. These terms refer to the Company's internal estimates of unbooked hydrocarbon quantities that may be potentially added to proved reserves, largely from a specified resource play. A resource play is a term used by the Company to describe an accumulation of hydrocarbons known to exist over a large areal expanse and/or thick vertical section, which, when compared to a conventional play, typically has a lower geological and/or commercial development risk. EURs are based on the Company's previous operating experience in a given area and publicly available information relating to the operations of producers who are conducting operations in these areas. Unbooked resource potential or EURs do not constitute reserves within the meaning of the Society of Petroleum Engineer's Petroleum Resource Management System or SEC rules and do not include any proved reserves. Actual quantities of reserves that may be ultimately recovered from the Company's interest affecting ultimate recovery include the scope of the Company's ongoing drilling program, which will be directly affected by the availability of capital, decreases in oil and natural gas prices, drilling and production costs, availability of drilling services and equipment, drilling results, lease expirations, transportation constraints, regulatory approvals, negative revisions to reserve estimates and othe

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dependent upon many assumptions, including estimates of production decline rates from existing wells and the undertaking and outcome of future drilling activity, which may be affected by significant commodity price declines or drilling cost increases.

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Contact: Ron Hagood: (918) 858-5504 — RHagood@laredopetro.com

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Forward-Looking / Cautionary Statements

This presentation (which includes oral statements made in connection with this presentation) contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. All statements, other than statements of historical fact, included in this presentation that address activities, events or developments that Laredo Petroleum, Inc. (the "Company", "Laredo" or "LPI") assumes, plans, expects, believes or anticipates will or may occur in the future are forward-looking statements. The words "believe," "expect," "may," "estimates," "will," "anticipate," "plan," "project," "intend," "indicator," "foresee," "forecast," "guidance," "should," 'would," 'could," or other similar expressions are intended to identify forward-looking statements, which are generally not historical in nature. However, the absence of these words does not mean that the statements are not forward-looking. Without limiting the generality of the foregoing, forward-looking statements contained in this presentation specifically include the expectations of plans, strategies, objectives and anticipated financial and operating results of the Company, including as to the Company based on management's expectations and perception of historical trends, current conditions, anticipated future developments and rate of return and other factors believed to be appropriate. Such statements are subject to a number of assumptions, risks and uncertainties, many of which are beyond the control of the Company, which may cause actual results to differ materially form those implied or expressed by the forward-looking statements. These include risks relating to financial performance and results, current economic conditions and resulting capital restraints, prices and demand for oil and natural gas, availability and cost of drilling equipment and personnel, availability of sufficient capital to execute the Company's business plan, impact of compliance with legislation and regulations,

Any forward-looking statement speaks only as of the date on which such statement is made and the Company undertakes no obligation to correct or update any forward-looking statement, whether as a result of new information, future events or otherwise, except as required by applicable law.

The SEC generally permits oil and gas companies, in filings made with the SEC, to disclose proved reserves, which are reserve estimates that geological and engineering data demonstrate with reasonable certainty to be recoverable in future years from known reservoirs under existing economic and operating conditions and certain probable and possible reserves that meet the SEC's definitions for such terms. In this presentation, the Company may use the terms "unproved reserves", "resource potential", "estimated ultimate recovery", "EUR", "development ready", "horizontal commerciality confirmed", "horizontal commerciality untested" or other descriptions of potential reserves or volumes of reserves which the SEC guidelines restrict from being included in filings with the SEC without strict compliance with SEC definitions. Unproved reserves refers to the Company's internal estimates of hydrocarbon to refer to the estimated quantities of hydrocarbons that may be added to proved reserves, largely from a specified resource play. A resource play is a term used by the Company to describe an accumulation of hydrocarbons known to exist over a large areal expanse and/or thick vertical section, which, when compared to a conventional play, typically has a lower geological and/or thick vertical section, which, when compared to a conventional play, typically has a lower geological and/or commercial development risk. The Company does not choose to include unproved reserve estimates in its filings with the SEC. Estimated ultimate recovery, or EUR, refers to the directly affected by the availability of capital, drilling and production costs, availability and cost of drilling services and equipment, lease expirations, transportation constraints, regulatory approvals and other factors, as well as actual drilling results, including geological and mechanical factors affecting recovery rates. Estimates of ultimate recovery rates estimates of ultimate recovery rates. Estimates of ultimate recovery may change significantly as development o

This presentation includes preliminary guidance for the year ended December 31, 2015. The Company's annual results will vary from these preliminary estimates and such variance may be material. Also, this presentation includes financial measures that are not in accordance with generally accepted accounting principals ("GAAP"), including Adjusted EBITDA. While management believes that such measures are useful for investors, they should not be used as a replacement for financial measures that are in accordance with GAAP. For a reconciliation of Adjusted EBITDA to the nearest comparable measure in accordance with GAAP, please see the Appendix.

troduction	Ron Hagood
trategic Overview	Randy Foutch
nd Position	Mark King
eserves & Resource	Gary Smallwood
portance of Data Collection & Analysis to Value Creation	Patrick Curth
illing Inventory	
lue Creation	Mark Elliott
th Model	James Courtier
velopment Overview	Jay Still
redo Midstream Services (LMS)	Dan Schooley
nancials	Rick Buterbaugh
mmary	Randy Foutch

Strategic Overview

Randy Foutch Chairman & Chief Executive Officer



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Do It Right From the Start

Focus on long-term value from the beginning

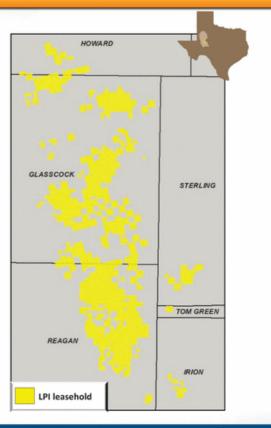
- Hire <u>quality people</u>, and support them with the tools they need to be successful
- Acquire contiguous acreage in the <u>right basin</u>
- Collect <u>quality data</u> at the right time and use the data to drive decisions
- <u>Maximize NPV</u> by increasing resource recovery and minimizing cost in development plans
- Maintain <u>optionality</u> in operations through ownership of infrastructure and logistical flexibility
- Maintain <u>financial flexibility</u> and cash flow certainty in an uncertain commodity price environment





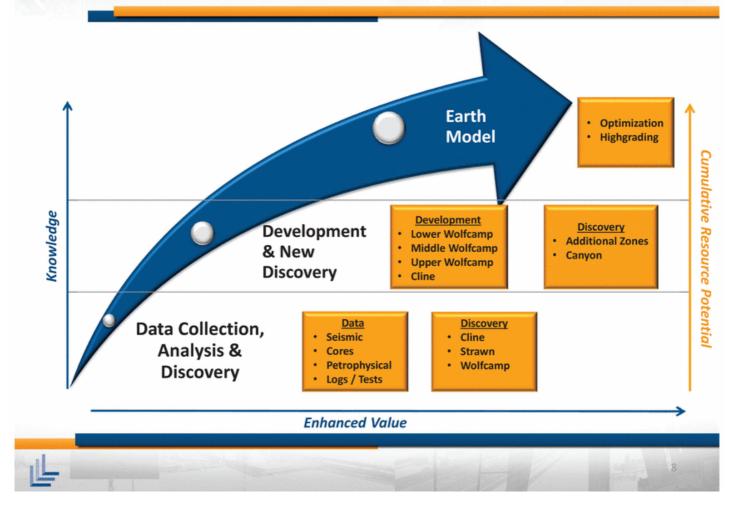
Contiguous Acreage Position With Significant Potential

- 179,722 Gross/149,141 net acres¹
- ~4.3 billion barrels of resource potential on >7,700 identified locations
- ~3,200 operated Development Ready Hz locations with >90% average WI
- ~96% average WI in operated wells
- >4,500 gross feet prospective interval



¹ As of 3/31/15

Adding Value Through Data Collection & Analysis



Developed to Maximize NPV

Clearfork Spraberry Dean Upper Wolfcamp

Middle Wolfcam

Penn

cline

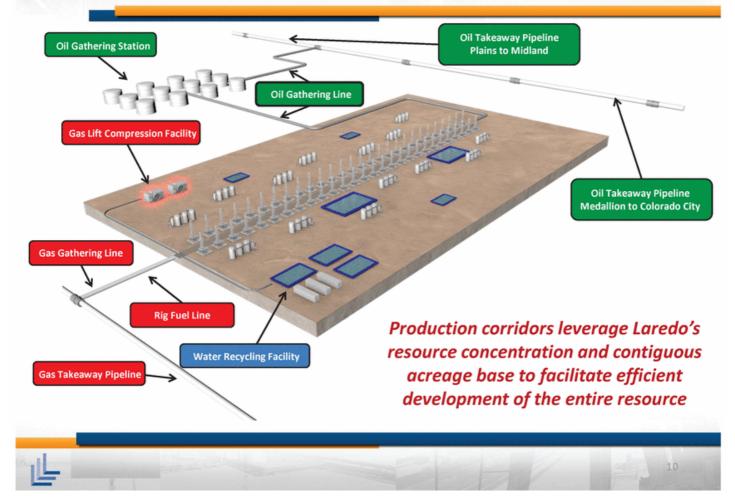
4,500 gross ft of prospective zones

Laredo is focused on developing the entire resource and maximizing operational efficiency by drilling stacked laterals on multi-well pads and concentrating facilities along production corridors

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Not to scale

Infrastructure Integrated with Complete Development Plan



Growing Production with Greater Efficiencies



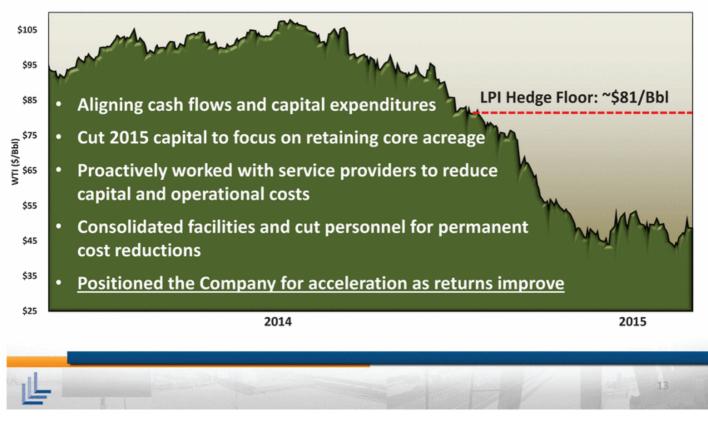
Recent Accomplishments

- Proved the value of multi-well pads
- Expanded infrastructure including production corridors and Medallion pipeline
- Expanded well inventory
- Advanced Earth Model to support well planning
- Improved operating and capital efficiencies
- Maintained optionality in all aspect of the business



Flexibility in Face of Commodity Price Decline

Laredo took <u>immediate</u> and <u>decisive</u> action to structure the Company for a low-price environment





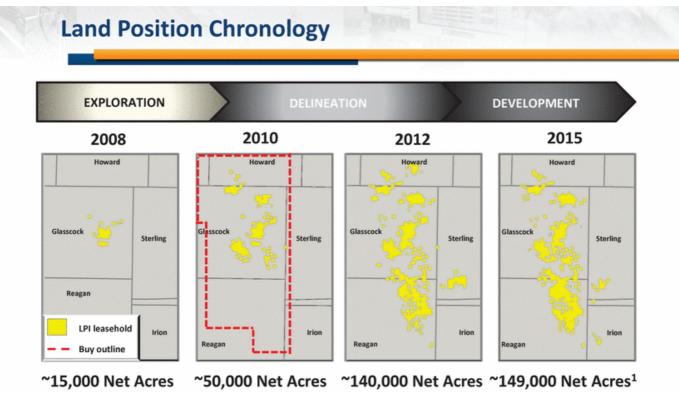
- Strong Board and management team with highly experienced employee base
- High-quality, contiguous acreage across its large leasehold
- Deep inventory of data-supported locations in stacked zones
- Growing and valuable infrastructure to support a proven, efficient development plan
- Substantial hedge position coupled with financial flexibility
- Potential to realize a step-change in well performance and returns

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Land Position

Mark King Vice President - Land





Primary objective has always been to build contiguous acreage positions in the best part of the basin



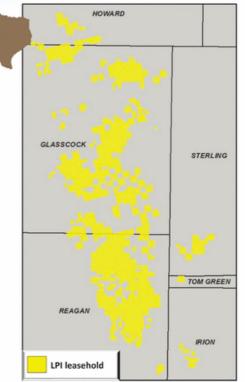
Concentrated Position With High Working Interest

- 179,722 Gross/149,141 net acres¹
- ~4.3 billion barrels of resource potential on >7,700 identified locations
- ~3,200 operated Development Ready Hz locations with >90% average WI
- ~96% average WI in operated wells¹

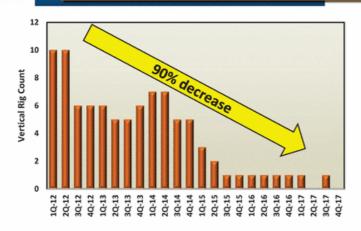
1 As of 3/31/15

· Current drilling plan preserves core acreage position

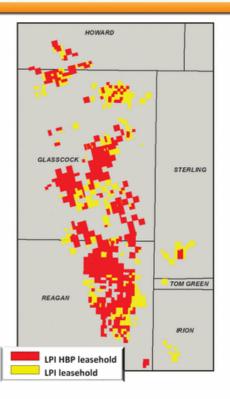
Contiguous acreage with high working interest enables the company to achieve operational efficiencies by leveraging data, infrastructure and maximizing resource recovery



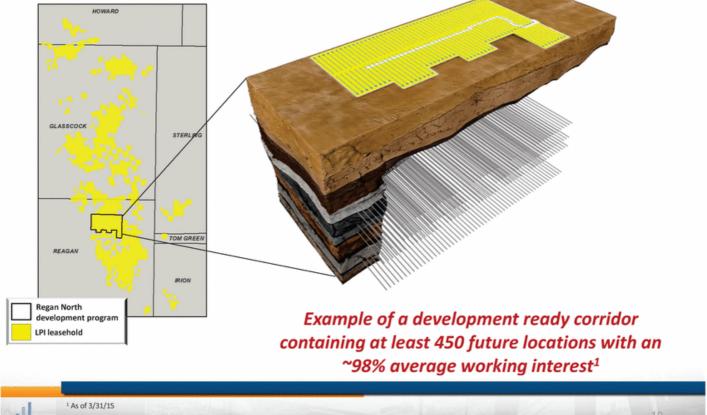
Decreasing Vertical Drilling Activities



- Decreased reliance on vertical program to hold acreage position will enhance portfolio rate of return
- 2015 and future capital programs to concentrate on horizontal development drilling
- Blocked acreage position now ~71% held by production¹







Land Summary

Current

Build contiguous acreage block for efficient drilling:

- In the best part of the Midland Basin
- With high working interest
- With numerous operated horizontal locations for long lateral drilling

HBP the acreage in the most efficient manner to transition to higher economic horizontal drilling

Going Forward

• Continue to net-up and acquire bolt-on leasehold for long laterals

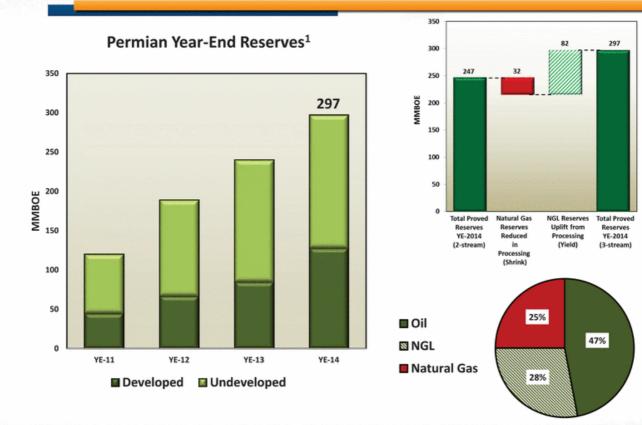


Reserves & Resource

Gary Smallwood

Vice President – Reservoir Modeling & Field Development

2014 Reserve Summary



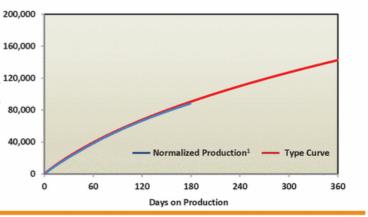


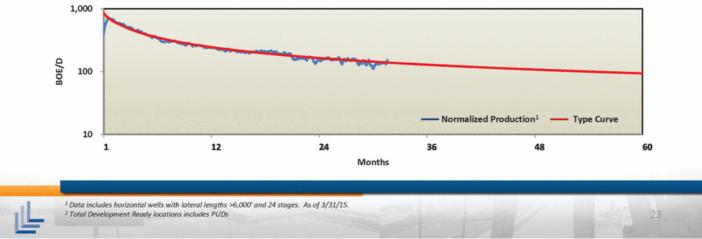
Upper Wolfcamp 7,500' Type Curve

Cumulative Production

(BOE)

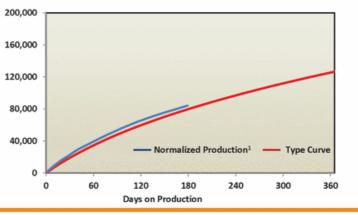
- EUR: 850 MBOE (45% oil)
- 180 cumulative: 55 MBO (60% oil)
- 80 UWC wells
 - 60 UWC wells operated by LPI included in 7,500' type curve normalized production
- PUDs booked: 153 locations
- Total Development Ready: 828 locations²

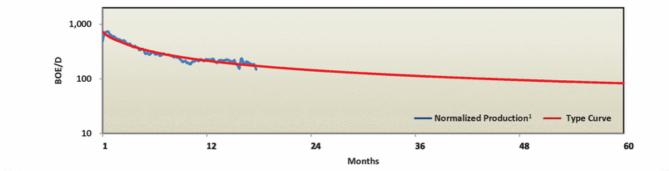




Middle Wolfcamp 7,500' Type Curve

- EUR: 750 MBOE (50% oil)
- 180 cumulative: 49 MBO (61% oil)
- 28 MWC wells
 - 26 MWC wells operated by LPI included in 7,500' type curve normalized production
- PUDs booked: 34 locations
- Total Development Ready: 807 locations²



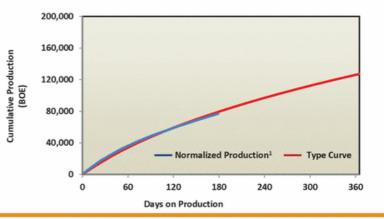


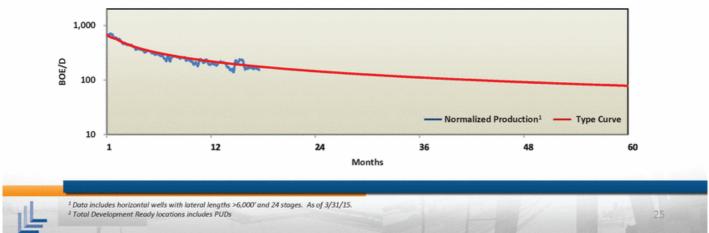
Cumulative Production (BOE)

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Lower Wolfcamp 7,500' Type Curve

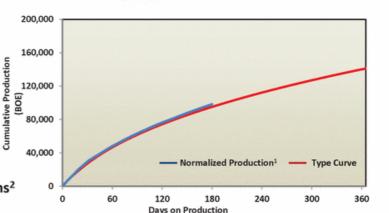
- EUR: 700 MBOE (45% oil)
- 180 cumulative: 44 MBO (55% oil)
- 20 LWC wells
 - 20 LWC wells operated by LPI included in 7,500' type curve normalized production
- PUDs booked: 45 locations
- Total Development Ready: 813 locations²

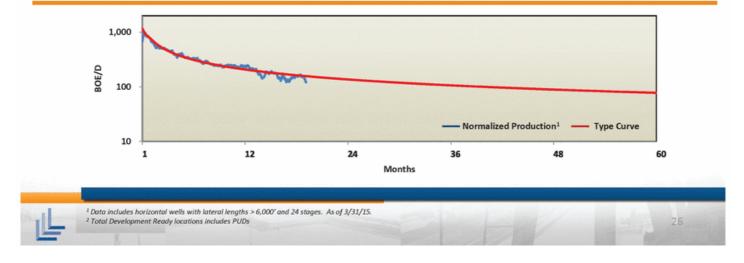




Cline 7,500' Type Curve

- EUR: 725 MBOE (50% oil)
- 180 cumulative: 52 MBO (55% oil)
- 50 Cline wells
 - 12 Cline wells operated by LPI included in 7,500' type curve normalized production
- PUDs booked: 24 locations
- Total Development Ready: 1,223 locations²



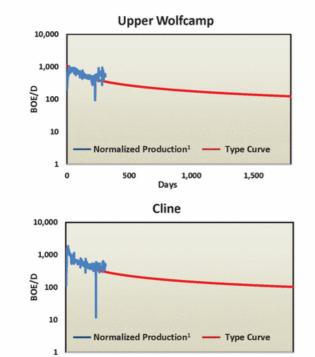


Introduction to 10,000' Type Curves

- Initial 10,000' predictions based on a formulaic analysis of data relating to inventory of well results and lateral length
 - LPI used the same process to transition from 4,000' to 7,500' laterals
 - 10,000' lateral wells drilled to-date: 18 wells
 - 10,000' lateral wells in 2015 drilling plan: 30% 40% of Hz activity
- 10,000' lateral results to date fit predictions:
 - UWC: 1,110 MBOE
 - MWC: 1,000 MBOE
 - LWC: Still evaluating early data
 - Cline: 1,000 MBOE

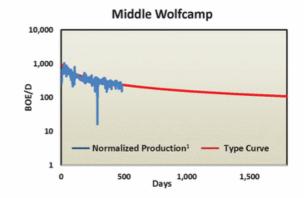


10,000' Lateral Type Curves



0

500



	Upper Wolfcamp	Middle Wolfcamp	Cline
Lateral Length	~10,000'	~10,000'	~10,000'
EUR (MBOE)	1,110	1,000	1,000
Well Count	6	5	3
Frac Stages	33	32	33

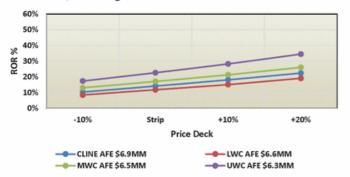
ROR Sensitivities vs Strip Pricing¹

1,500

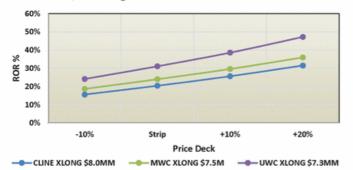
7,500' Single-Well Pad ROR Sensitivities

1,000

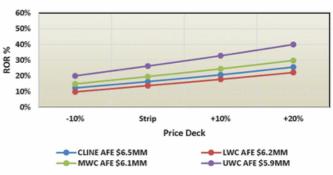
Days



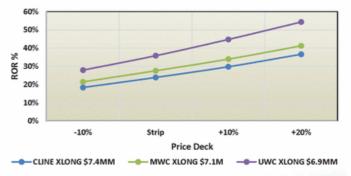




7,500' Multi-Well Pad ROR Sensitivities

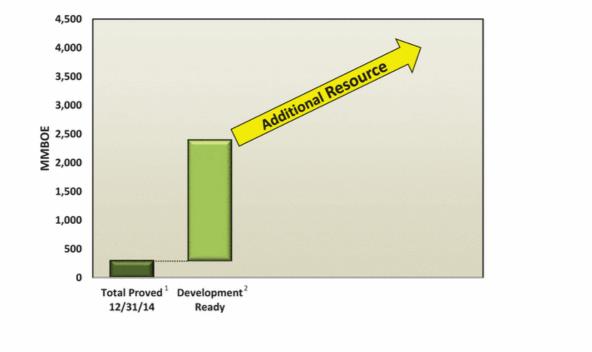


10,000' Multi-Well Pad ROR Sensitivities



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Development Ready Resource Potential





¹ Based on YE-2014 2-stream proved reserves, prepared by Ryder Scott. Internally converted to 3-stream based on actual gas plant economics of 30% shrink and a yield of 127 Bbl of NGL per MMcf
² Additional Development Ready resource not already included in Total Proved reserves

Importance of Data Collection & Analysis to Value Creation

Patrick Curth

Senior Vice President – Exploration & Land

Good Data Drives Innovation

Better Data → Better Information → Better Results → Enhanced Value

Step One: <u>Data Collection</u>, systematically obtain high-quality technical information over the whole asset, early in the learning cycle, to insure key data sets are acquired when obtainable.

Step Two: <u>Development & Discovery</u>, turning data into information, turning information into results, turning new data back into information, turning new information into results......it's the technology circle of life!

Step Three: <u>Earth Model Creation & Optimization</u>, using the latest technology to develop an integrated multi-discipline workflow based on multivariate statistics that results in a predictive Earth Model.

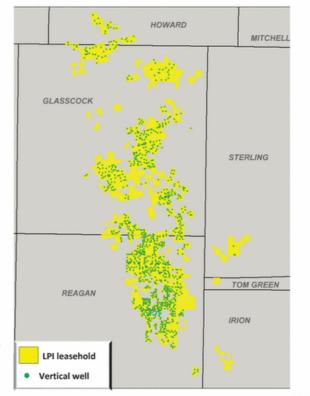


Adding Value Through Data Collection & Analysis



Vertical Wells Across Asset Enable Data Collection

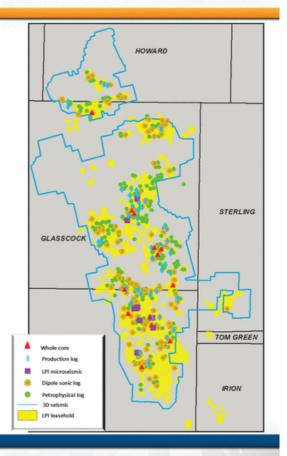
- Laredo Petroleum has taken advantage of its vertical well program to gather critical open-hole and petrophysical data
- >950 vertical wells across entire acreage position
 - ~50% of the vertical wells are considered "deep" or of sufficient depth to penetrate the Cline or below
- Production logs, single-zone tests and cores from vertical drilling provide confidence in resource potential in multiple formations
- On average, one vertical well per ~160 acres



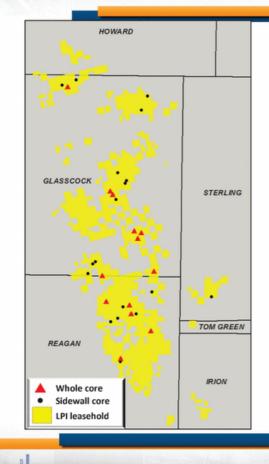
Permian Asset – Extensive Technical Database

- Technical database consisting of whole cores, sidewall cores, single-zone tests, open-hole logs, 3D seismic and production logs
- Provides the building blocks for identification of resource potential and horizontal locations
- Majority of technical database attributes are proprietary to Laredo's acreage
- Timing of data acquisition is integral to data quality

Comprehensive technical database integrated with 3D seismic enables Laredo to successfully identify where to locate and position wells across multiple horizons to maximize value



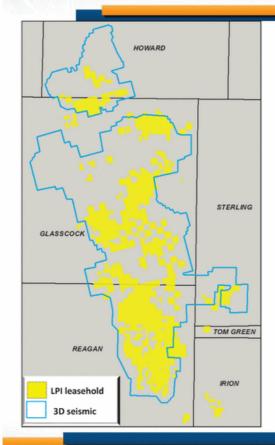
Core Data



Cores provides the technical bridge between the actual reservoir rocks and the petrophysical analysis metrics

- ~ ~3,700' of proprietary whole cores in objective section
 - 14 whole cores
 - >715 sidewall core samples
- In addition to our own core library Laredo has access to core data from 110 wells as a member of Core Lab's Tight Oil Reservoirs Midland Basin Core Consortium
- Whole and sidewall cores provides a source for lithologic, mineralogic, TOC content and geochemical properties
- <u>Timing</u>: Data must be obtained during drilling operations or prior to setting casing

Geophysical Data



High-quality 3D seismic is a key foundation of the Earth Model in that it gives the geoscientists insight as to how the area-wide reservoir, petrophysical and seismic properties correlate relative to each targeted interval

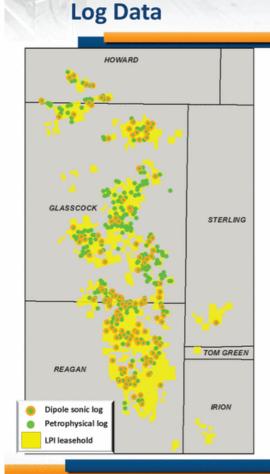
- 990 sq mi 3D seismic
 - 95% coverage of Garden City acreage
 - ~40% of seismic inventory is high-quality, proprietary 3D data
- 27 micro-seismic surveys (operated and trades) used to validate current well spacing
- <u>Timing</u>: 3D seismic data needs to be completed as early in the asset evaluations process to insure availability for processing and incorporation into the Earth Model

3D Seismic Program

A high-quality, "meaningful" data set

- High fold: 250 fold (historical data sets are 100 fold or less)
- High frequency sweeps: up to 120 hertz
- Tight bin spacing: 70 feet (normal is 110 feet or greater)
- Wide azimuth: farthest receiver is ~11,500 feet (equals full fold coverage at deepest target)
 - Used in modeling (pre-stack inversion)
 - Used in fracture analysis
- · Acquisition positives
 - Reasonable cost
 - Lack of surface "cultural" obstacles
 - Quality crew
- Older spec (purchased) data: dramatically upgraded with latest processing techniques





Logs provide the framework for building the Earth Model and tying in the available petrophysical database

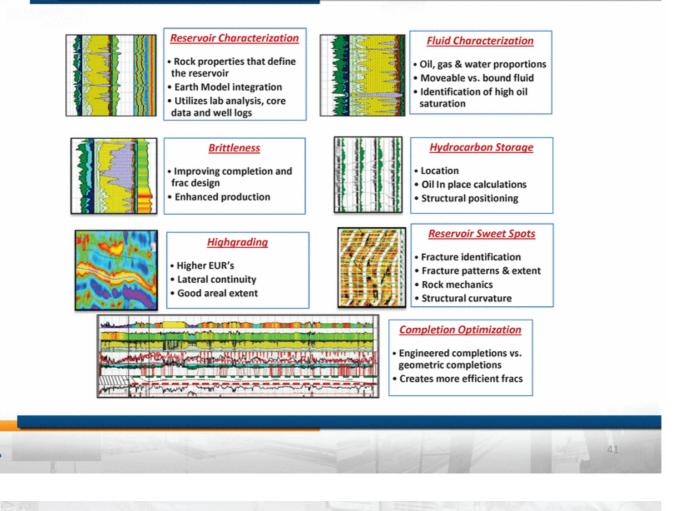
- >8,000 conventional public and proprietary open-hole logs
- 303 in-house proprietary petrophysical logs
 - Extensive database fully calibrated by in-house petrophysicists to cores and used to calculate reservoir properties and original oil in place "OOIP" numbers
- 120 dipole sonic logs
 - Used to calculate rock mechanical properties and to optimize frac design
- <u>Timing</u>: Open-hole logs must be obtained prior to setting casing

Dipole Sonic Importance & Integration

- Laredo was one of the first operators in the Midland Basin to acquire dipole enhanced geophysics for completion design
- Laredo now has 120 dipole sonic logs
- Dipole sonic is now the operator standard
- Key tool in determining brittleness (ductile vs brittle)
- · Assist in drilling and completion design
 - Wellbore stability
 - Hydrofracture design
- Seismic calibration Earth Model
 - Horizontal wellbore placement

A	Image credit to Schlumberger	40

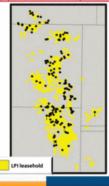
Integrated Petrophysics at Laredo



Multi-Stacked Targets With Significant Resource Potential

Utilization of our large technical dataset¹ has permitted the identification, evaluation and ability to estimate resource potential across primary and additional horizons

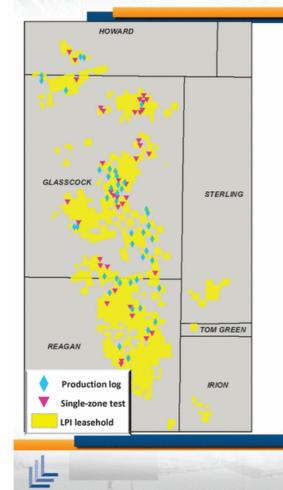
	Upper Spraberry	Lower ² Spraberry	uwc	MWC	LWC	Canyon ³	Cline	Strawn	ABW	Wolfcamp Combined	Total Combined
Depth (ft) ⁴	5,308-5,916	5,916-6,951	6,951-7,440	7,440-7,960	7,960-8,453	8,453-9,078	9,078-9,412	9,412-9,530	9,530-9,874	6,951-8,453	5,308-9,874
TOC (%)	1.6-4.9	1.4-4.3	0.9-5.3	0.9-4.8	1.0-4.0	1.0-3.8	0.9-5.2	0.0-3.3	0.4-3.9	0.9-5.3	0.0-5.3
Thermal maturity (% Ro)	0.5-0.6	0.6-0.7	0.7-0.8	0.75-0.85	0.8-0.9	0.8-0.9	0.9-1.1	1.0-1.2	1.1-1.3	0.7-0.9	0.5-1.3
Clay content (%)	10.5-35.0	9.7-31.8	7.3-29.3	12.4-33.7	12.2-33.6	21.6-40.2	27.4-42.7	1.6-19.5	5.6-32.8	7.3-33.7	1.6-42.7
Pressure gradient (psi/ft)	0.30-0.40	0.30-0.40	0.40-0.50	0.40-0.50	0.40-0.50	0.40-0.50	0.55-0.65	0.40-0.50	0.40-0.50	0.40-0.50	0.30-0.65
So (dec)	0.367	0.439	0.470	0.370	0.433	0.307	0.379	0.463	0.523	0.423	0.408
Porosity (dec)	0.051	0.048	0.055	0.058	0.056	0.053	0.068	0.035	0.049	0.056	0.053
Average thickness ⁴ (ft)	608	1,035	489	520	493	625	334	118	334	1,502	4,556



Multiple stacked targets in the Garden City prospect represent >4,500 feet of vertical section

¹ 149 LPI wells with updated petrophysical model implemented 7/8/2014 (indicated on map)
 ² Lower Spraberry includes Dean
 ³ Canyon includes Penn Shale
 ⁴ Depths and tops subject to change pending completion of sequence stratigraphy review

Production Logs & Single-Zone Tests



Single-zone tests confirm the productivity of potential zones

- Provide a multi-phase analysis (oil, gas & water) of each stage completed
- Identify the source of hydrocarbon (oil & gas) and water production
- Could assist in determining lateral placement in prospective horizontal zones
- May offer correlations to reservoir rock quality and/or completion effectiveness
- 42 production logs
 - 36 vertical wells
 - 6 horizontal wells
- 39 single-zone tests
- <u>Timing</u>: For best results, production logs and single-zone tests should be acquired early in the completion

Drilling Inventory

Patrick Curth

Senior Vice President – Exploration & Land



Multi-Stacked Targets with Significant Resource Potential

Primary Targets	Average Thickness (gross ft.)
Upper Wolfcamp	489
Middle Wolfcamp	520
Lower Wolfcamp	493
Canyon ¹	625
Cline	334
Sub Total	2,461
Secondary Targets	Average Thickness (gross ft.)
Secondary Targets	
	(gross ft.)
Spraberry ²	(gross ft.) 1,643
Spraberry ² Strawn	(gross ft.) 1,643 118

- Midland Basin is unique among U.S. shale resource plays due to the multi-stacked horizontal targets available for development
- Primary targets represent ~2,460' of gross average thickness⁴
- 186 Hz wells drilled to date in primary targets with >4,800 locations remaining

Our large technical dataset has permitted the identification, evaluation and ability to estimate resource potential across both primary and secondary targets

	¹ Canyon includes Penn Shale	
A CONTRACT		4.5
	² Lower Spraberry includes Dean	45
	³ Depths and tops subject to change pending completion of sequence stratigraphy review	
	⁴ 149 LPI wells with updated petrophysical model implemented 7/8/2014 (indicated on page 42)	

Concentrated multi-zone horizontal development

Laredo Petroleum has categorized its horizontal drilling inventory utilizing the following classifications:

De-Risked

- <u>Development Ready</u> Locations that have been identified by technical analysis, trend horizontal drilling results and with available infrastructure or would support infrastructure investment. Current location count: >3,980
- <u>Hz Commerciality Confirmed</u> Locations that have been identified by technical analysis and have been verified that they are capable of production. <u>Current location count: >850</u>

Additional Potential Upside

• <u>Hz Commerciality Not Confirmed</u> – Locations that have been identified by technical analysis but still early in the evaluation cycle. Current location count: >2,900

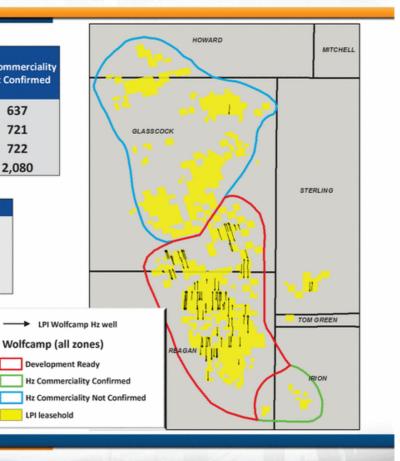
Total location count for all categories: >7,700



Wolfcamp Inventory

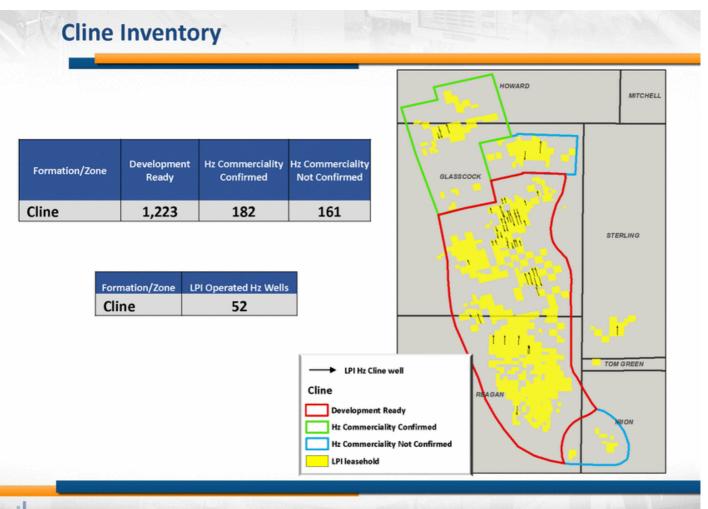
Formation/Zone	Development Ready	Hz Commerciality Confirmed	Hz Commerciality Not Confirmed
Upper Wolfcamp	828	36	637
Middle Wolfcamp	807	36	721
Lower Wolfcamp	813	36	722
Total	2,448	108	2,080

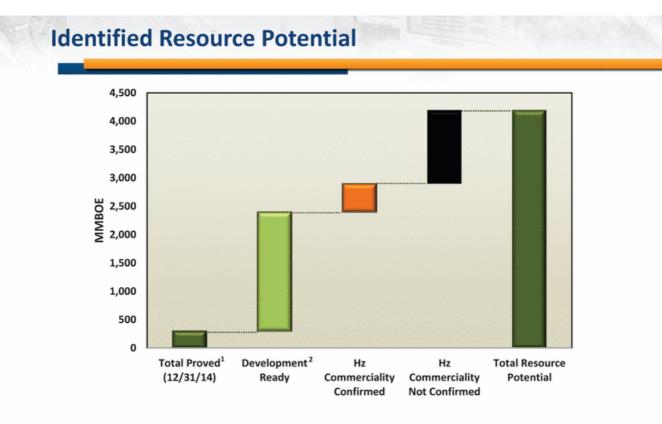
Formation/Zone	LPI Operated Hz Wells
Upper Wolfcamp	81
Middle Wolfcamp	33
Lower Wolfcamp	23
Total	137



Canyon Inventory

Formation/Zone	Development Ready	Hz Commerciality Confirmed	Hz Commerciality Not Confirmed	GLASS	HOWARD	MITCHELL
	311 Formation/Zone Canyon	593 LPI Operated Hz 2	Canyon Develoj Hz Com	Hz Canyon well pment Ready umerciality Confirmed umerciality Not Confirmed sehold	REAGAN	STERLING TOM GREEN
Ŀ,						48





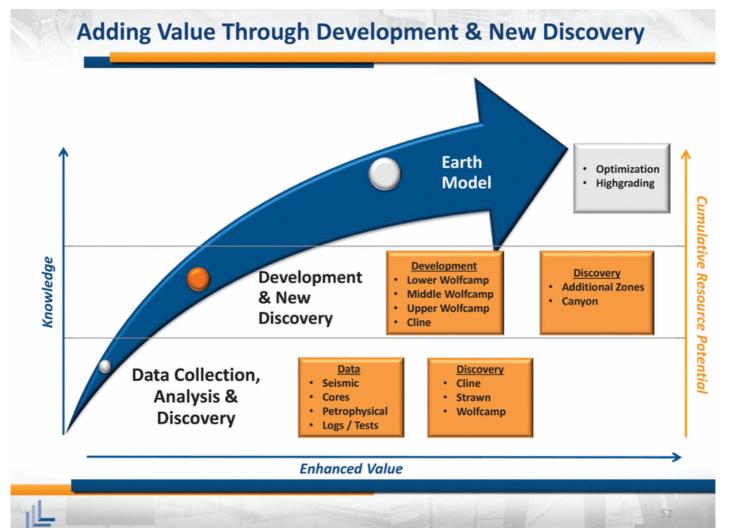
Approximately 4.3 billion barrels of resource potential

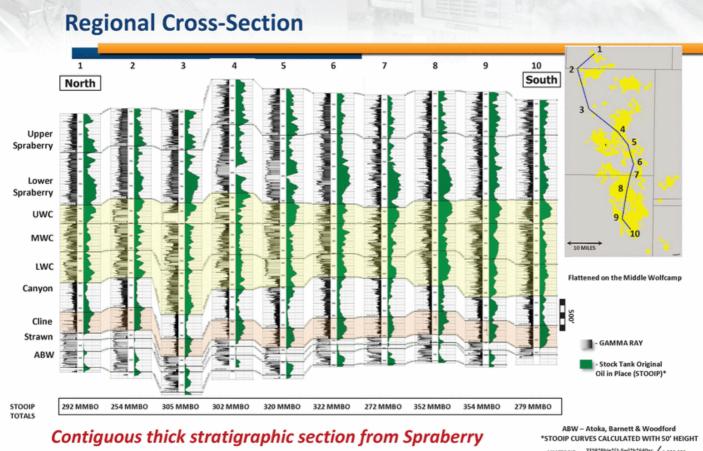
¹ Based on YE-2014 2-stream proved reserves, prepared by Ryder Scott. Internally converted to 3-stream based on actual gas plant economics of 30% shrink and a yield of 127 Bbi of NGL per MMcf ² Additional development ready resource not already included in Total Proved reserves

Value Creation Through Development & Discovery

Mark Elliott

Vice President – Geology & Development-Permian





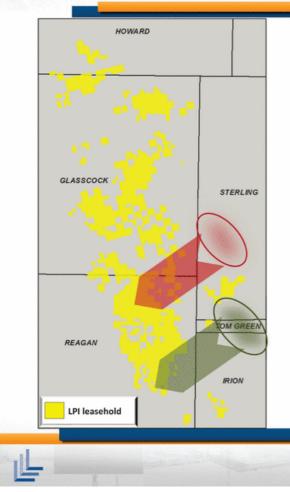
through ABW interval indicated by geologic cross-section

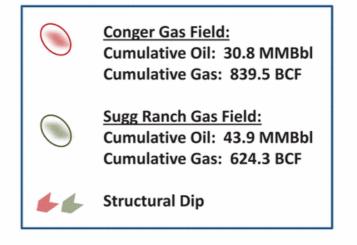
MMSTOOIP = 7758*Phie*(1.5w)*h*640ac/1,000,000

Canyon Formation: Data Driven Discovery



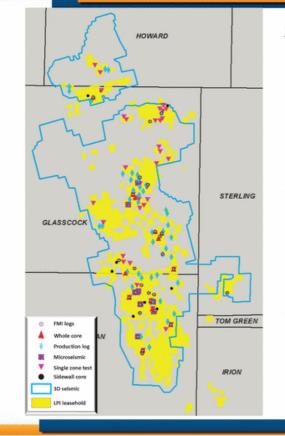
Canyon Formation: Geologic Concept





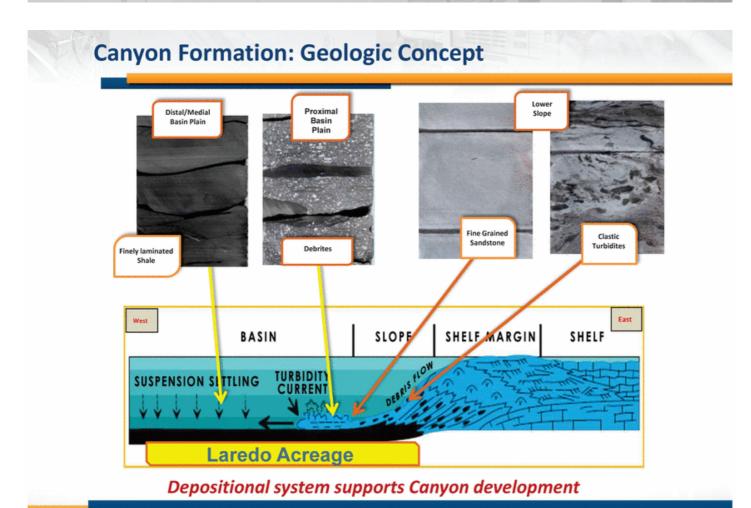
Laredo acreage positioned basinward of highly-productive, legacy Canyon fields

Canyon Formation: Data Collection, Analysis & Integration



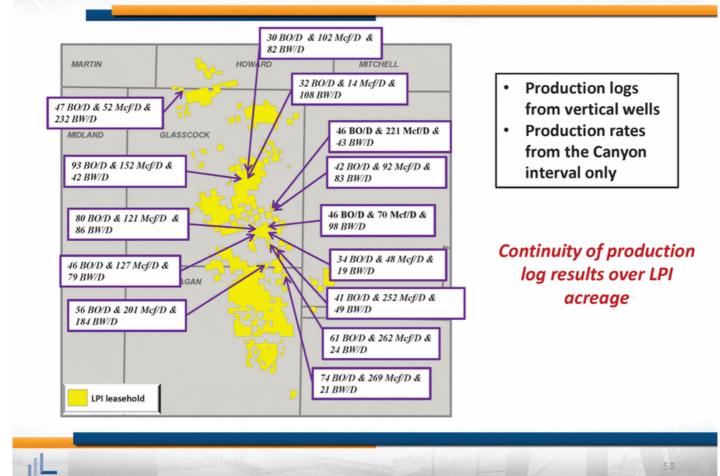
Canyon Specific Database

- Production logs (17)
 - Provide a quantitative production profile from multiple zones
 - One of several qualitative tools to confirm hydrocarbon potential for Hz wells
 - Good sampling across LPI acreage
 - Favorable and consistent results
- FMI logs (16)
 - Indicates highly fractured reservoir
- Whole cores (1) & sidewall cores (from 2 vert. wells)
 - Confirms hydrocarbon resource potential
 - Confirms favorable shale attributes (TOC, thermal maturity, clay content, porosity, OOIP, etc.)
- 3D seismic
 - Covers 95% of acreage
 - Key foundation of the Earth Model
- Microseismic surveys (1)
 - Validates the Canyon being a separate producing zone



Source: Handford, C. Robertson (1981). Sedimentology and Genetic Stratigraphy of Dean and Spraberry Formations (Permian), Midland Basin, Texas. AAPG Bull., v. 65, p 1602-1616.

Canyon Formation: Production Logs



Canyon Formation: Discovery & Delineation

★

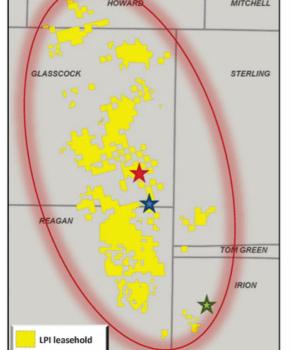
☆

LPI - Barbee C-1-1B #2SP 8,300' Lateral WOC

EOG – Rocker B "1949" #1H 2,750' Lateral EUR 271 MBOE Normalized 7,500' lateral EUR: 739 MBOE

Potential Canyon Fairway

LPI anticipates adding additional Canyon locations to its development ready inventory

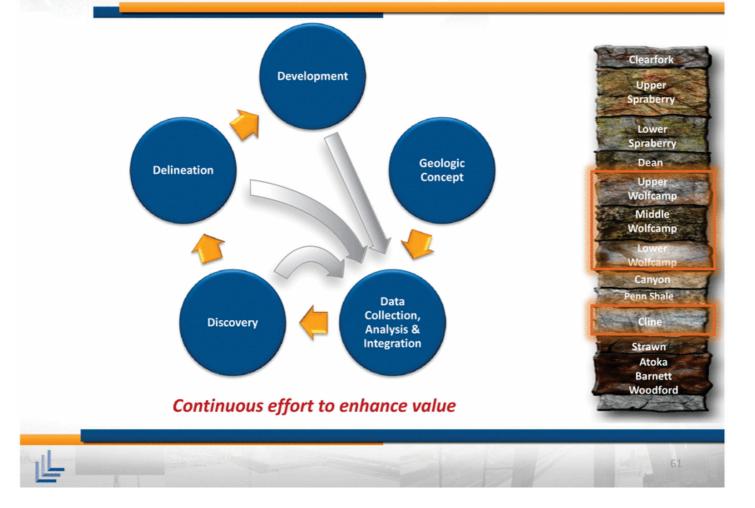


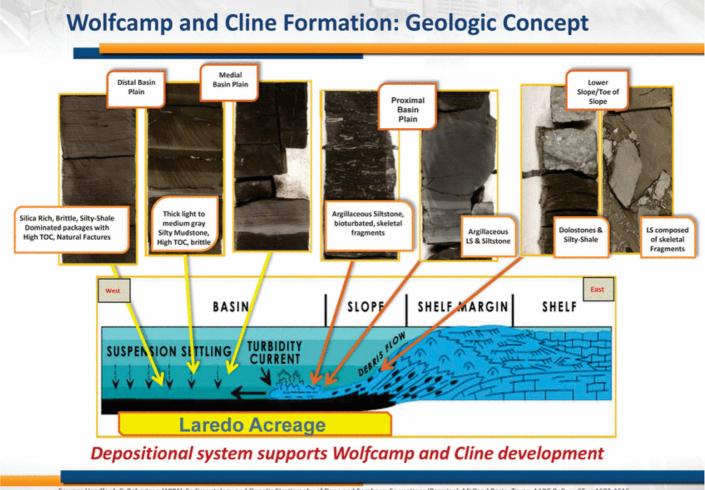
Canyon Formation: Summary

- Data driven discovery
- Initial well results very encouraging
 - 30-day IP: 1,151 BOE/D
 - 90-day cumulative: 72,990 BOE
- Confirmation well drilled and waiting on completion
 - Good mud log shows throughout the lateral
- Subsequent Earth Model work, where available, shows Canyon areal extent
- Laredo anticipates adding additional Canyon locations to its development ready inventory



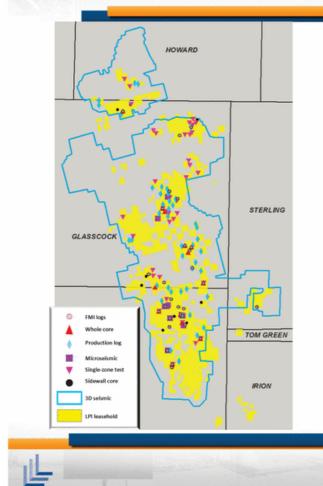
Wolfcamp & Cline Formations: Concept to Development





Source: Handford, C. Robertson (1981). Sedimentology and Genetic Stratigraphy of Dean and Spraberry Formations (Permian), Midland Basin, Texas. AAPG Bull., v. 65, p 1602-1616.

Wolfcamp & Cline: Data Collection, Analysis & Integration



Wolfcamp & Cline Specific Database

- Production logs (36)
 - Provide a quantitative production profile from multiple zones
 - One of several qualitative tools to confirm hydrocarbon potential for Hz wells
 - Good sampling across LPI acreage
 - Favorable and consistent results
- Single-zone tests (20)
 - FMI logs (28)
 - Indicates highly fractured reservoirs
 - Whole cores (11) & sidewall cores (from 27 vert. wells)
 - Confirms hydrocarbon resource potential
 - Confirms favorable shale attributes (TOC, thermal maturity, clay content, porosity, STOOIP, etc.)

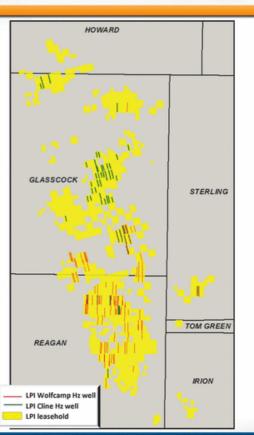
3D seismic

- Covers ~95% of acreage
- Key foundation of the Earth Model
- Microseismic surveys (15)
 - Validates current well spacing

Wolfcamp & Cline: Discovery, Delineation & Discovery

- Data driven approach
- Proven geologic concept
- Data collection, analysis & integration ongoing
- Discovery & Deliniation wells drilled and completed in Upper, Middle and Lower Wolfcamp and Cline
- >1,800 feet of combined vertical section
- Proven multi-zone/multi-stacked potential
- Development ready across significant portions of acreage
- Utilizing Earth Model, where available, to optimize resource potential

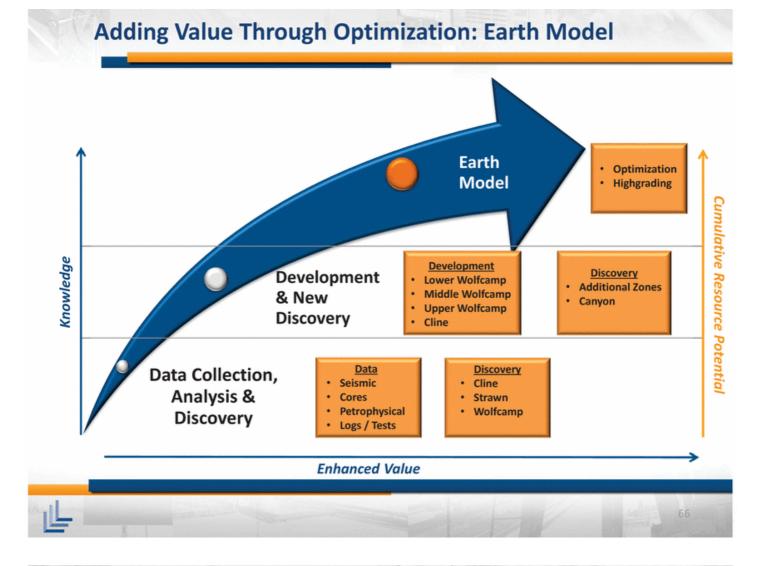
Multi-stacked targets with significant resource potential



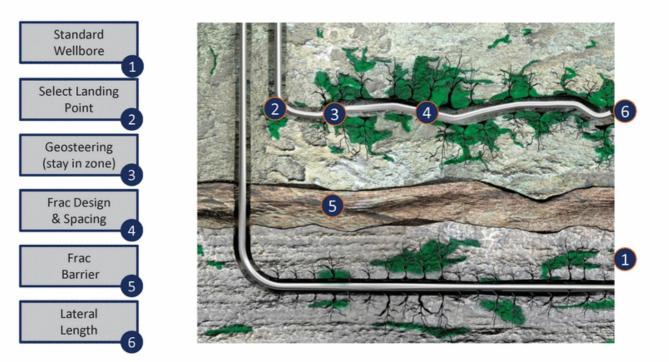
Earth Model

James Courtier

Vice President – Exploration & Geosciences Technology

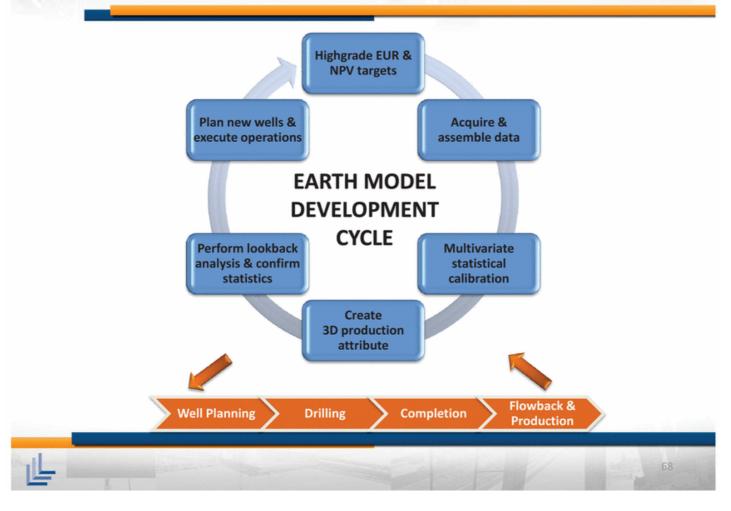


Earth Model Objectives



Earth Model potential to optimize development & increase value

Earth Model Workflow & Learning Process

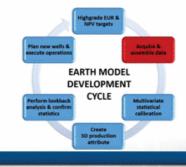


Step 1: Acquire & Assemble Data Production Completion Geological Pre-stack Well Microseismic Core Data Petrophysics logs & model data inversion production single-zone data tests High-quality database required for success

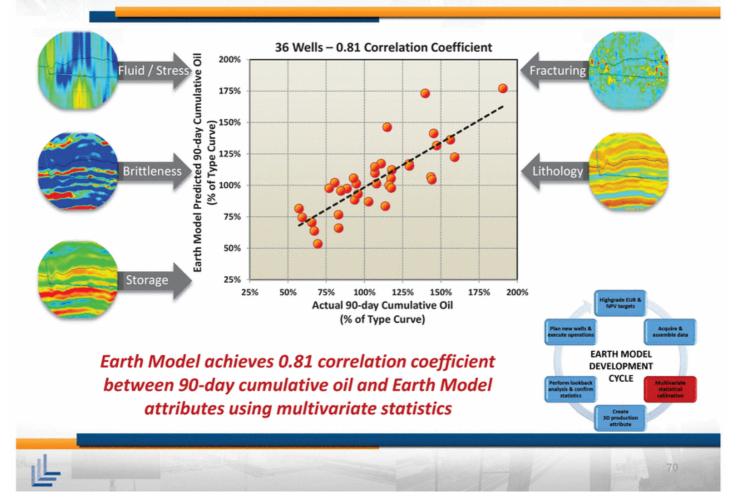
Data Acquisition Timing

- 🔴 Pre-drill
- D&C operations
- Early well history
- Post-drill

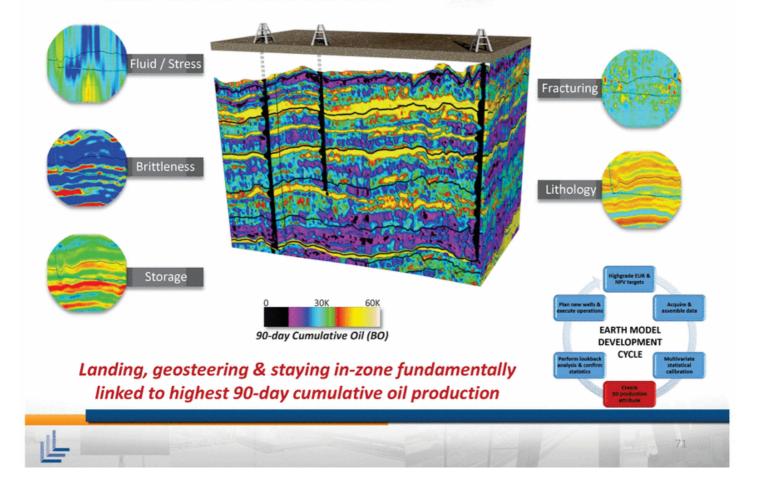
Acquiring the right data at the right time is critical to enabling quantitative subsurface analysis that adds value



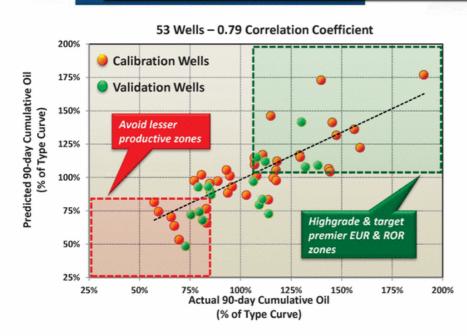
Step 2: Define Multivariate Relationships & Relate to IP



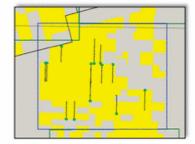
Step 3: Create 3D Production Attribute



Step 4: Confirm Statistical Relationship



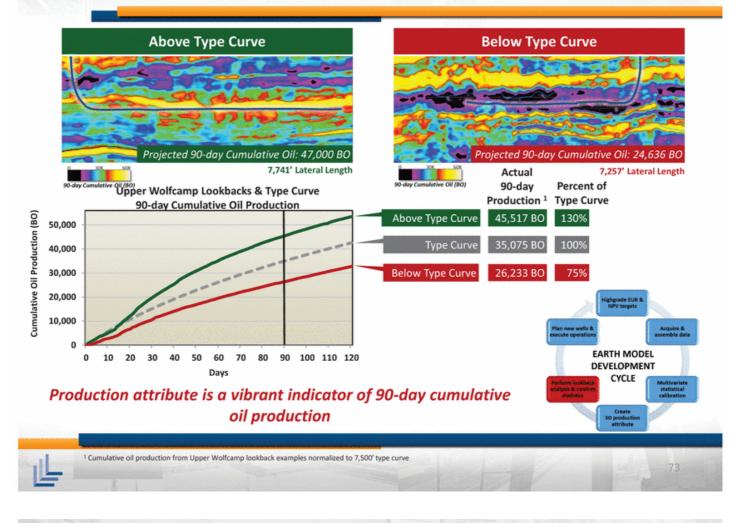
Northern Reagan validation wells with > 90-days production history



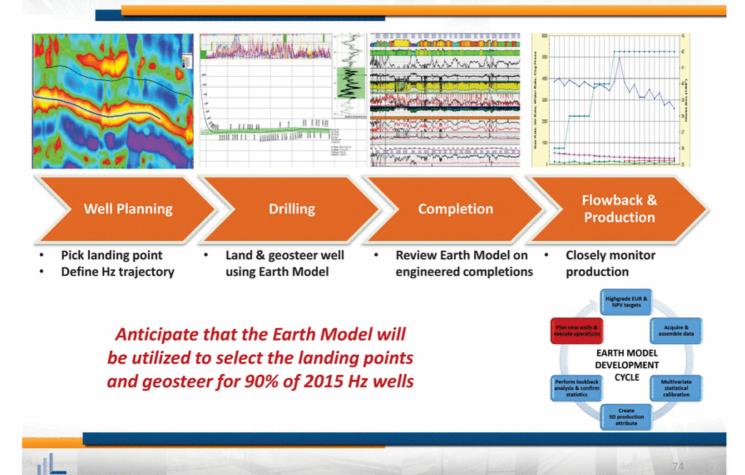


Integrating 17 new (blind test) wells further validates accuracy of the production attribute enabling 90% of 2015 wells to be planned using the Earth Model

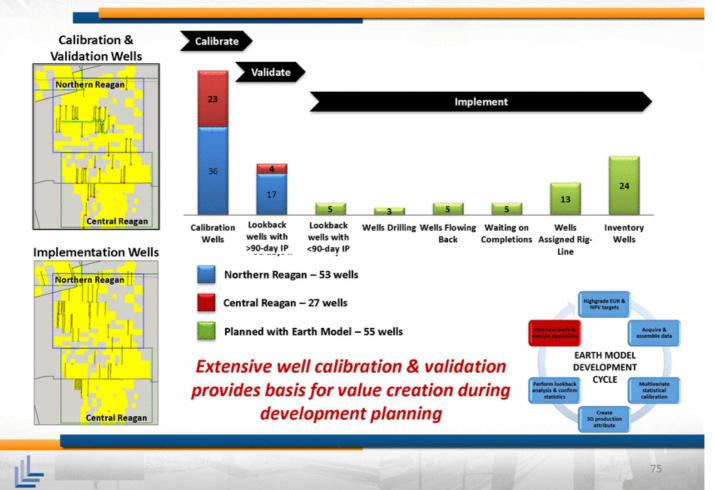
Contrasting Upper Wolfcamp Lookback Examples



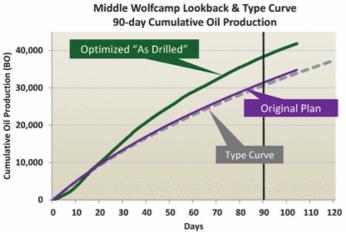
Step 5: New Well Planning & Execute Operations



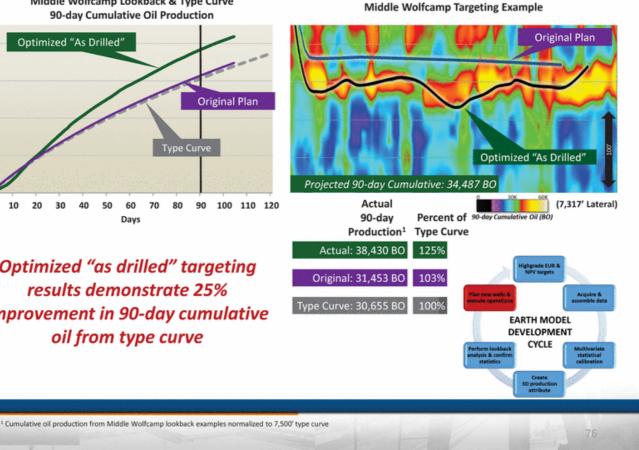
Earth Model Well Integration



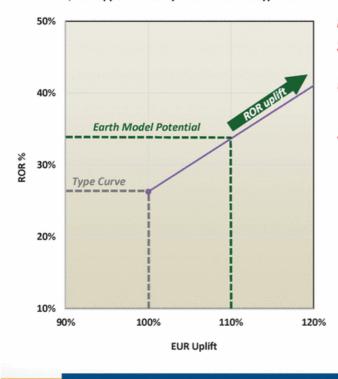
Middle Wolfcamp Targeting Uplift Example



Optimized "as drilled" targeting results demonstrate 25% improvement in 90-day cumulative oil from type curve



Potential Upper Wolfcamp Economic "Uplift" Implications

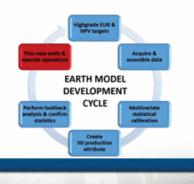


7,500' Upper Wolfcamp Multi-Well Pad Type Curve

Earth Model demonstrates increases in 90-day cumulative oil production

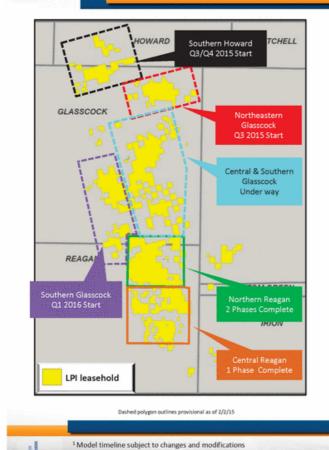
Upper Wolfcamp Type Curve ROR: 26%

10% EUR increase ~25% ROR uplift



¹ Forward strip price deck, as of 4/1/2015

Earth Model Future Development¹

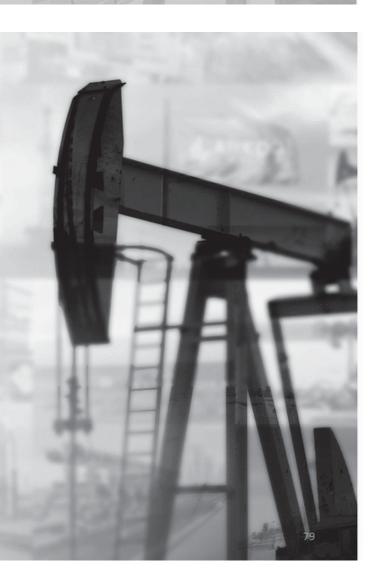


- Central & Southern Glasscock Earth Model in progress
- Tie producing Southern Wolfcamp & Canyon zones into Northern acreage
- · Update with new well results & data
- Continuously improve Earth Model workflow



Development Overview

Jay Still President & Chief Operating Officer



Refining the Manufacturing Process

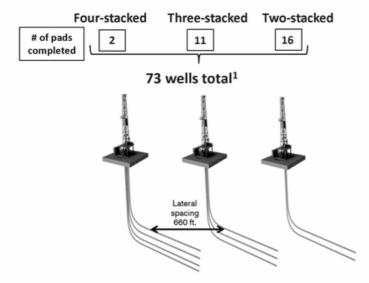
Laredo believes better data leads to better decisions

- Since inception we have been testing concepts and analyzing data that has enabled us to move fully into the manufacturing process
 - Confirmed well spacing
 - Managing frac impacts
 - Conducting simultaneous operations
 - Integrating topside facilities into our subsurface development
- We are technically and operationally prepared to start marching across our contiguous acreage position



Refining the Manufacturing Process: Multi-Well Pads

Stacked Lateral Multi-Well Pads



Horizontal Wells on Multi-Well Pads			
2013	13		
2014	56		
2015	4 to date		

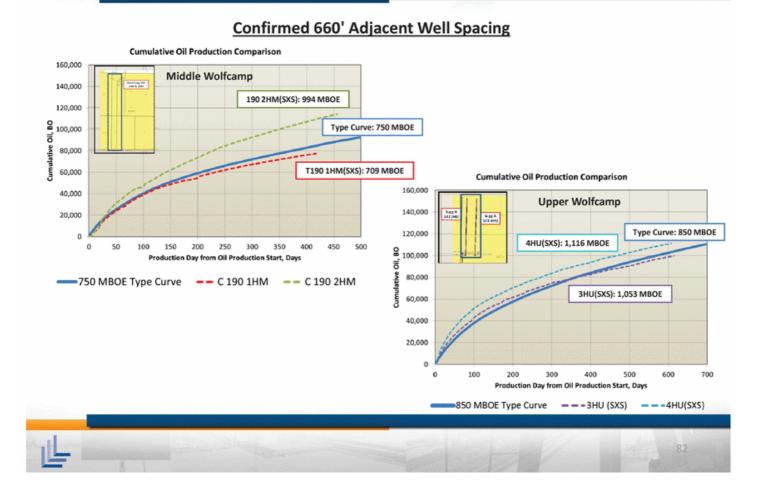
- Average cost savings on a multi-well pad ~\$400K / well
- Reduces cycle-time
- Reduces surface footprint

As of Q1 '15, Laredo has completed 73 wells on 29 multi-well pads

Laredo capitalizes on its large contiguous land position to be extremely efficient on surface footprint to develop all zones

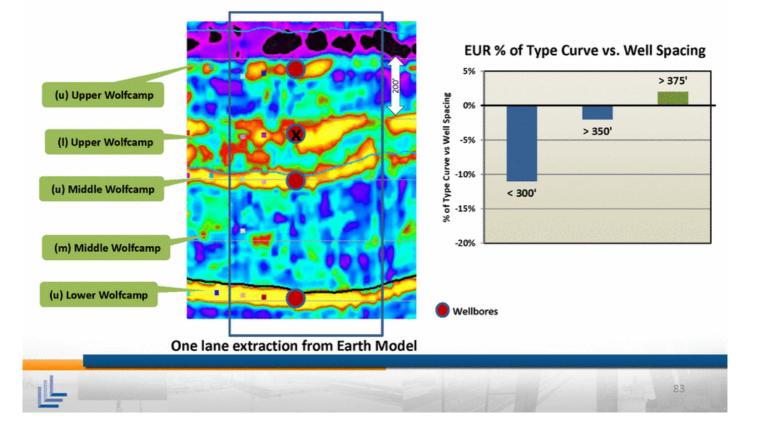


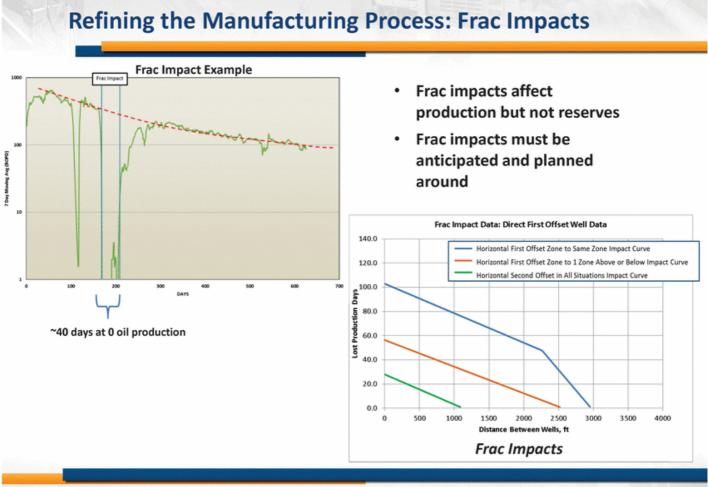
Refining the Manufacturing Process: Adjacent Well Spacing



Refining the Manufacturing Process: Vertical Separation

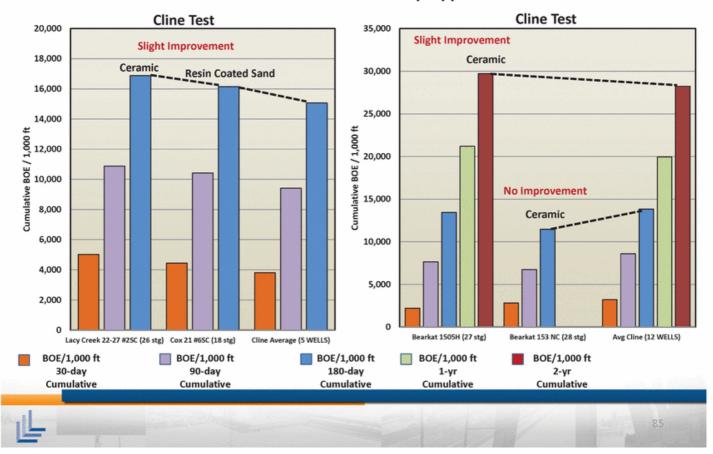
Vertical spacing of horizontal wells needs to be >400'





11/10/10/10

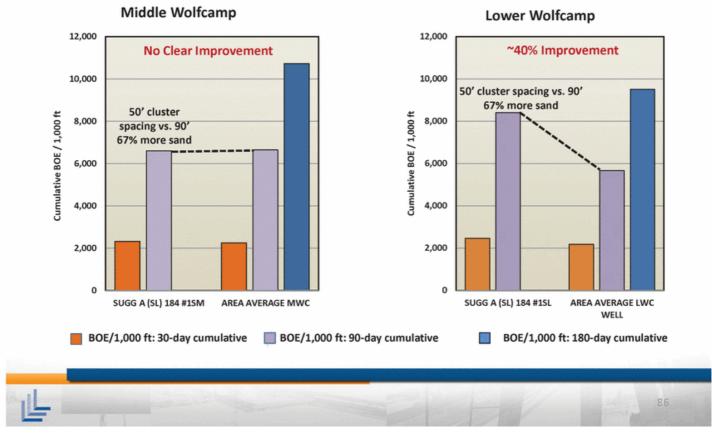
Refining the Manufacturing Process: Stimulation Design



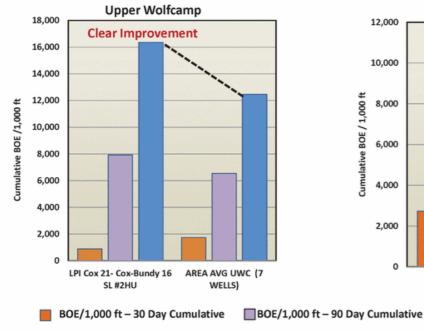
Ceramic and resin coated sand proppant

Refining the Manufacturing Process: Stimulation Design

More sand / more clusters



Refining the Manufacturing Process: Stimulation Design



Engineered perforations and clusters



BOE/1,000 ft - 180 Day Cumulative



Refining the Manufacturing Process: Development

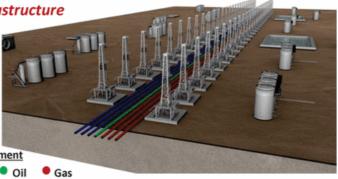


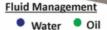
Simultaneous drilling, completion and production activity

- Successfully tested "heel-to-heel" drilling while completing wells going north and south
- Have successfully walked rigs from pad-to-pad

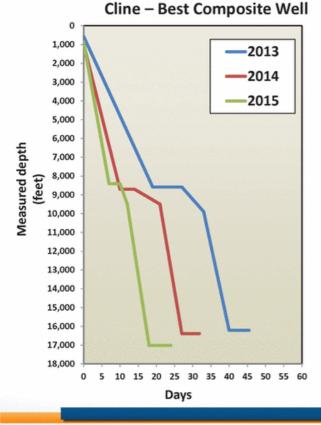
The Importance of Integrated Infrastructure

- High-volume fluid management is critical for success
- Development must be planned with "the end in mind"





Best Composite Well: Cline Example



Composite well goals

- Continuous improvement
- Identification of best practices
- Implementation of best practices

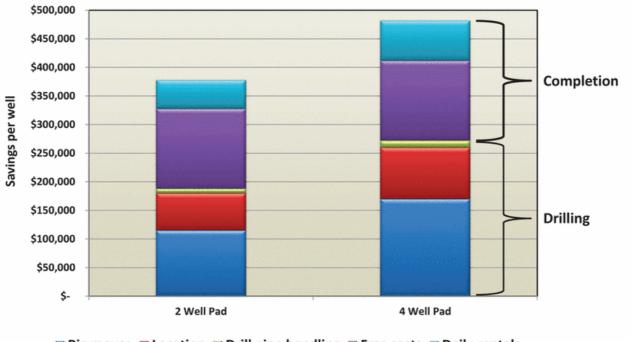
Composite well process

- Well divided into key sections
- Best performance key sections identified
- Best practices identified
 - Operational practices
 - Operating parameters
- Lessons learned applied to future wells
 - Incorporated in well plans
 - Weekly meetings/discussions
 - Operating parameter Monitoring

Composite – Average Wells Comparison (Cline Example)

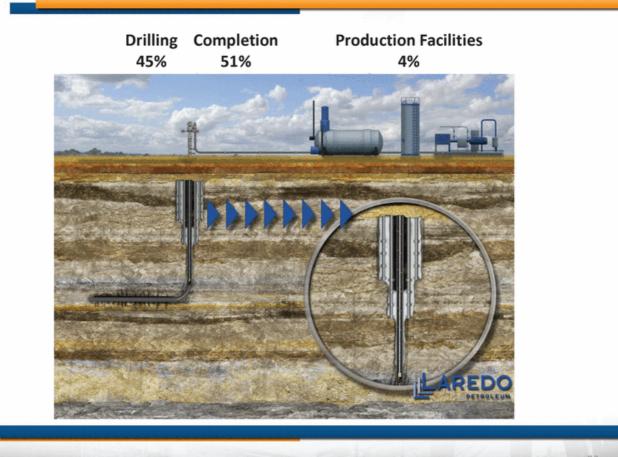


Multi-Well Pad Savings

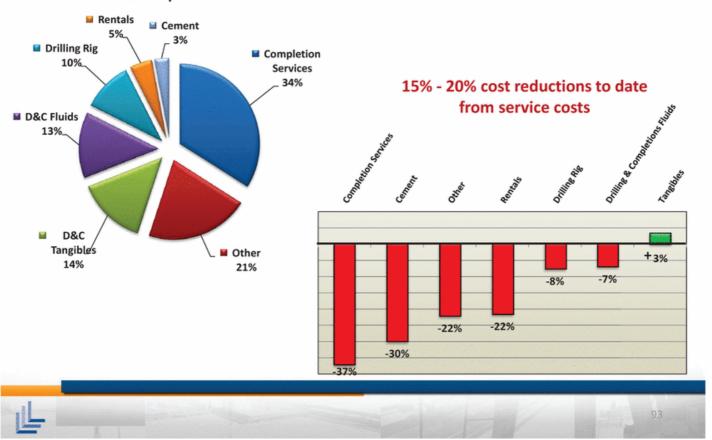


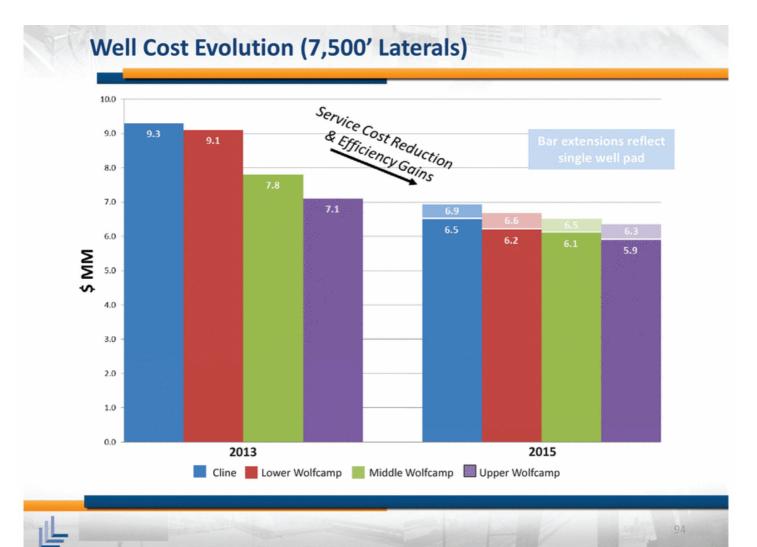
■ Rig moves ■ Location ■ Drill pipe handling ■ Frac costs ■ Daily rentals

Drilling & Completion AFE Components



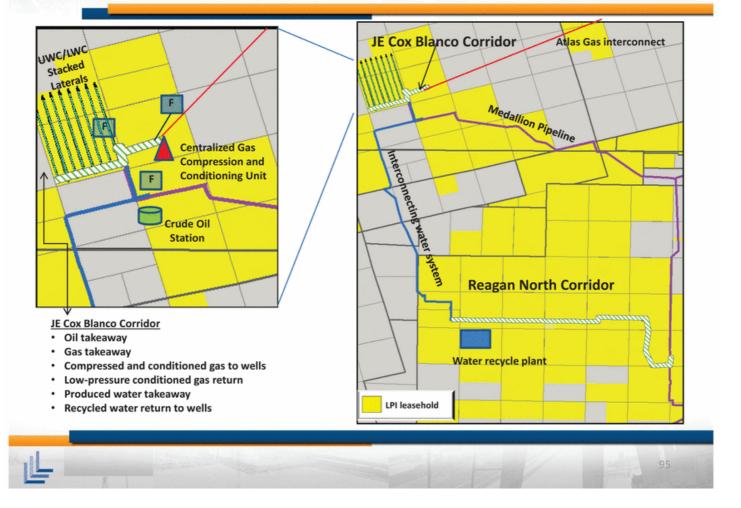
Drilling & Completion: Service Cost Reductions



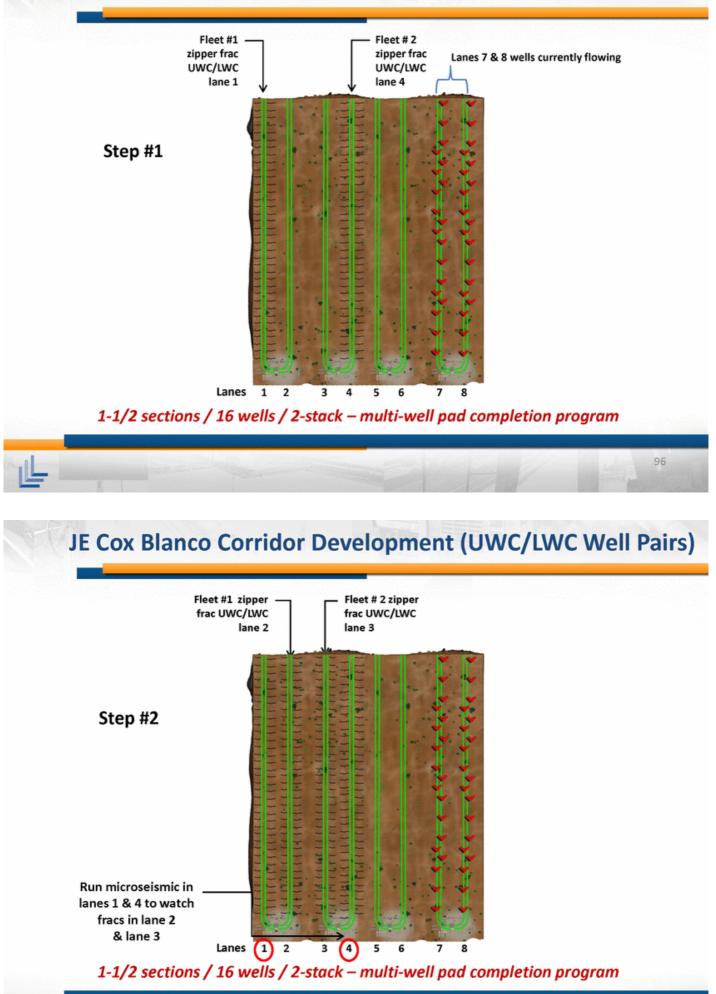


D&C AFE Components

JE Cox Blanco Corridor Development



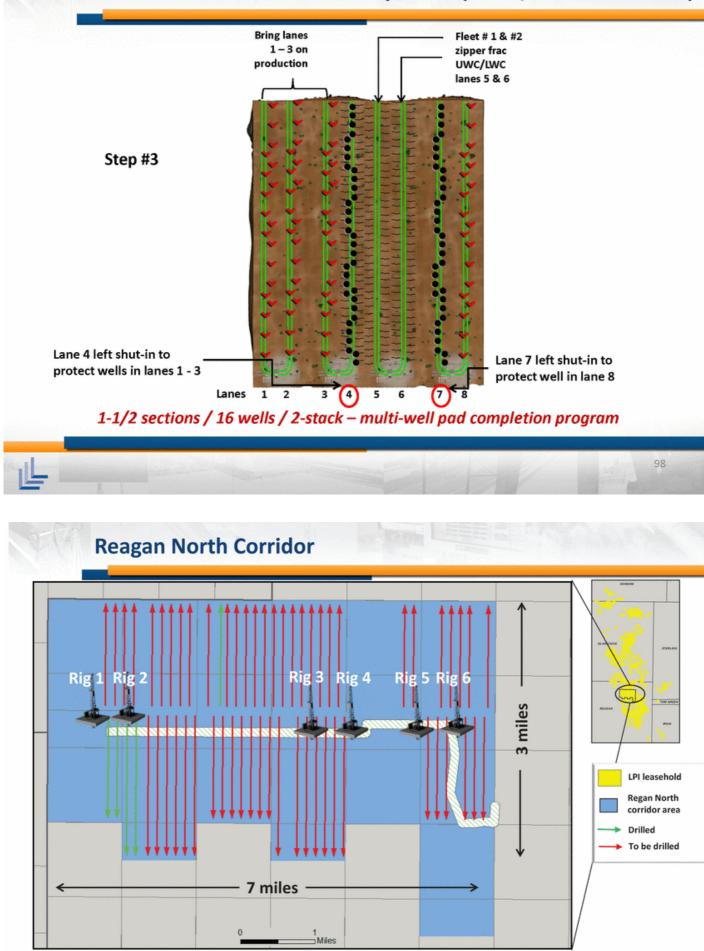
JE Cox Blanco Corridor Development (UWC/LWC Well Pairs)



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JE Cox Blanco Corridor Development (UWC/LWC Well Pairs)



Two rigs on the west side of the corridor march to the east and the two rigs in the east march back to the west while alternating drilling north and south, upper sections

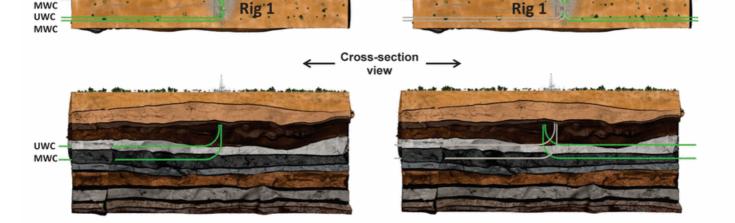
Reagan North Area: Development Plan Step 1: UWC/MWC pairs in North direction Step 2: UWC/MWC pairs in South direction Plane ~ > view uwc MWC Rig²

Rig

2

uwc

MWC uwc MWC



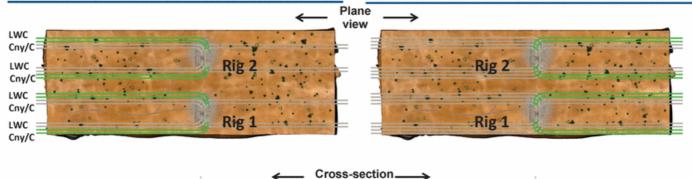
Eight horizontals will be drilled by two rigs before putting them on production

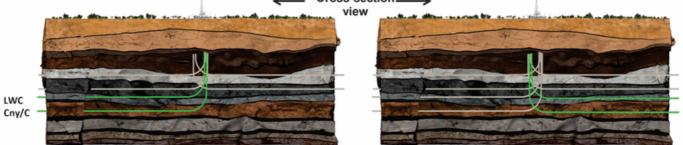


Reagan North Area: Development Plan

Future Drilling: LWC/Cny/C pairs in North direction

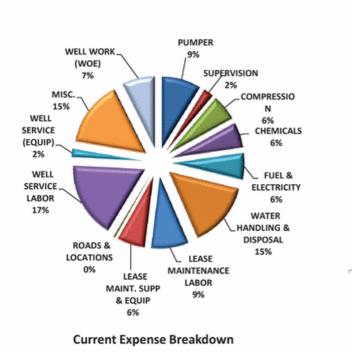
Futue Drilling: LWC/Cny/C pairs in South direction





Eight horizontals will be drilled by two rigs before putting them on production





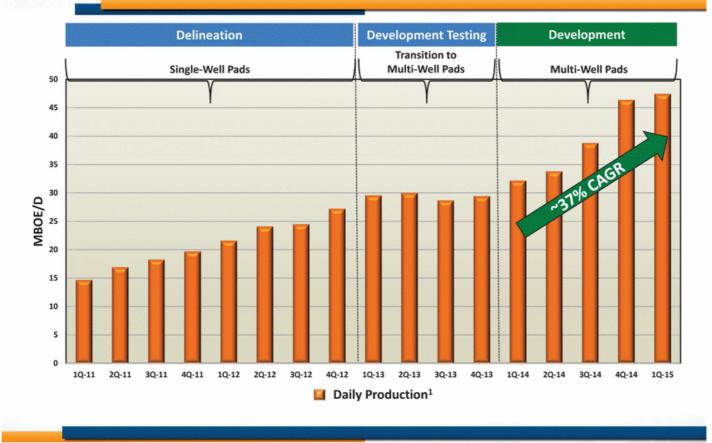
Lease Operating Expenses (LOE)

Targeted LOE Annualized Savings

Water: Expanding water management infrastructure Power: Replacing generators with the grid in new areas Compression: Well pad compressors to centralized compression Automation: Bringing SCADA management "in-house" Lease Maintenance Labor: Roustabout gang efficiency/management Per gang service cost reduction Well Service: Rig cost reduction Chemicals: Bidding - expect significant cost reduction WATER HANDING & DISPOSA WELLSERVICE LABOR LEASE MAINT. LABOR FUEL & ELECTRICTY COMPRESSION -7% -21% -22% -34% -40% -40% -42%

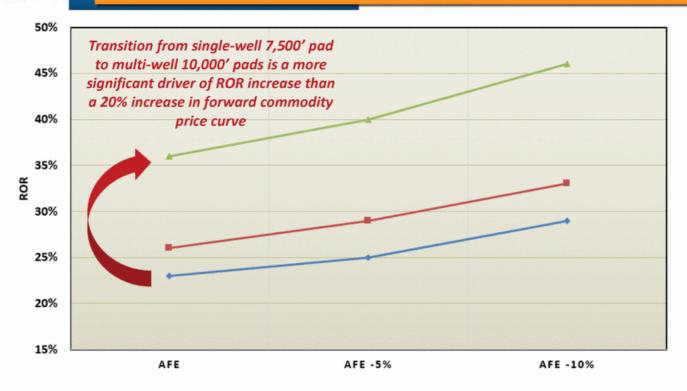


Production Growth from Multi-Well Pads



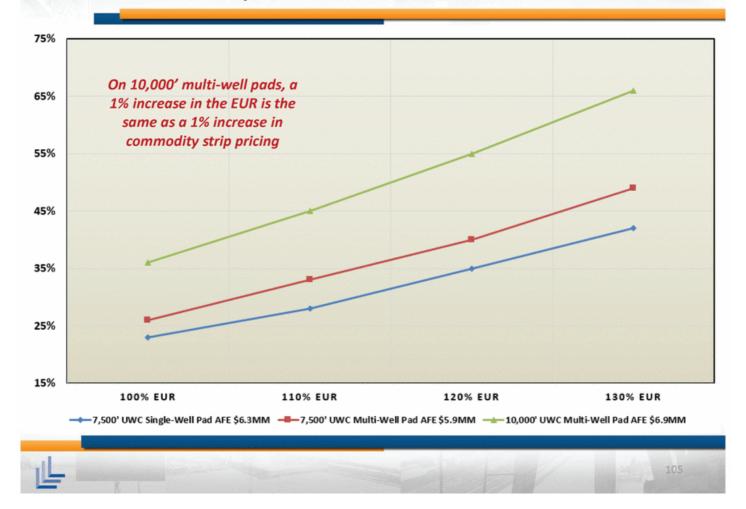
¹ Quarterly production numbers prior to 2014 have been converted to 3-stream using an 18% uplift. 2014 quarterly results have been converted to 3-stream using actual gas plant economics

ROR vs AFE Improvements



🛶 7,500' UWC Single-Well Pad AFE \$6.3MM 🛛 💶 7,500' UWC Multi-Well Pad AFE \$5.9MM 🚽 10,000' UWC Multi-Well Pad AFE \$6.9MM

ROR vs EUR Improvements



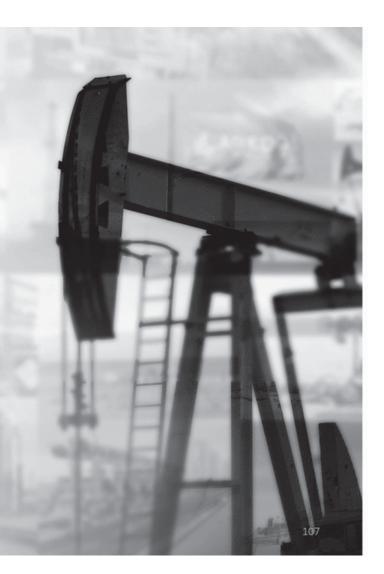
Enhance Well Returns

	2013 UWC	2015 UWC			
		Lateral Length	+10% on EUR	Pad Drilling	-10% D&C
Lateral Length	7,500'	10,000'	10,000'	10,000'	10,000'
EUR	758	1,110	1221	1,110	1,110
0&C (\$MM)	\$7.8	\$7.3	\$7.3	\$6.9	\$6.21
rude Price	\$90.00	\$50.00	\$50.00	\$50.00	\$50.00
Natural Gas Price	\$3.75	\$3.00	\$3.00	\$3.00	\$3.00
ROR	~47%	~31%	~45%	~36%	~46%

By optimizing well performance with the Earth Model, as well as D&C reductions from drilling longer laterals, pad drilling, efficiency gains and additional service cost savings, well economics in this commodity price environment can rival the returns presented just a year ago at \$90 crude oil

Laredo Midstream Services (LMS)

Dan Schooley Senior Vice President – Midstream & Marketing



What is Laredo Midstream Services (LMS)?

- LMS is a wholly-owned subsidiary of Laredo Petroleum and is a force multiplier, leveraging the unique skill sets of operations and midstream personnel
- Provides LPI with any products and services that need to be delivered by infrastructure including:
 - Gas gathering service
 - Crude oil gathering service
 - Rig fuel in primary drilling corridors
 - Gas lift for horizontal wells drilled in primary drilling corridors
 - Fresh, recycled and produced water in the primary drilling corridors
- LMS treated as a stand-alone entity
 - Competitively priced vs third-party providers
 - Contracts for each service between LPI and LMS
 - Each service must have acceptable stand-alone economic returns on the capital invested
 - Segment reporting
- Each of these projects will create real, tangible savings for LPI through economies
 of scale, increased capital efficiency and lower operating costs

LMS Oil, Gas & Water Infrastructure Summary

Two truck injection stations

- Both with dual connectivity to Plains and Medallion
- Three 1,000 barrel floating roof tanks at each station
- 95,000 BOPD total takeaway capacity to Plains and Medallion

Crude gathering infrastructure

- ~20 miles of gathering pipeline
- Four 1,000 barrel gas blanket tanks (Reagan North & Reagan South Production Corridors)
- Five 1,000 barrel floating roof tanks (JE Cox/Blanco Corridor)
- 50,000 BOPD throughput capacity
- 49% ownership of Medallion Pipeline's Permian crude oil assets
 - 65,000 BOPD Current throughput capacity
 - Expandable to 130,000 BOPD with pumps



Reagan Crude Station

LMS Oil, Gas & Water Infrastructure Summary

- Low-pressure gas gathering infrastructure
 - ~175 miles of low pressure gathering pipeline
 - Current throughput of 75,000 Mcf/d, ~45% of Laredo's gross operated gas production
- Three centralized compressor stations & three high-pressure gas lift distribution systems
 - ~16 miles of high pressure pipeline
 - 51,000 Mcf/d installed compression capacity
- Two gas conditioning facilities & four lean gas distribution systems
 - ~12 miles of mid-pressure pipeline



Reagan North Centralized Compressor Facility



LMS Oil, Gas & Water Infrastructure Summary

Water gathering & distribution infrastructure

- ~45 miles of recycled, fresh and produced water gathering & distribution pipelines
- 53 Frac Pits with 10.1 MM barrels capacity



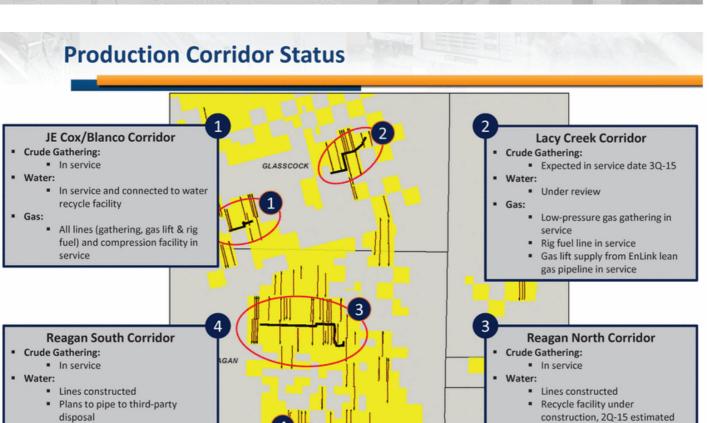
Reagan North Corridor 800,000 Bbl of Water Pit



Water Recycle Facility (Under Construction)

Water recycle facility

- 30,000 BWPD installed capacity
- Expandable to 75,000 BWPD



- · Gas:
 - All lines (gathering, gas lift & rig fuel) and compression facility in service

All lines (gathering, gas lift & rig

fuel) and compression facility in

start-up

service

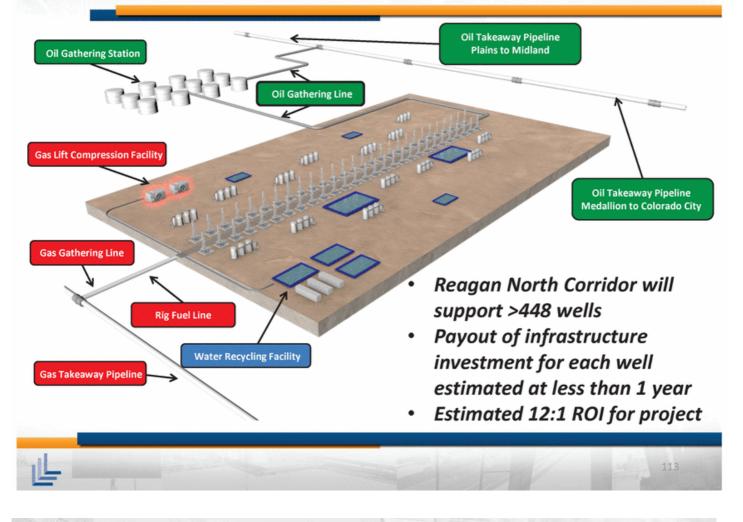
Gas:

LPI producing wells

Production corridor

LPI leasehold

Production Corridor Implementation: Reagan North

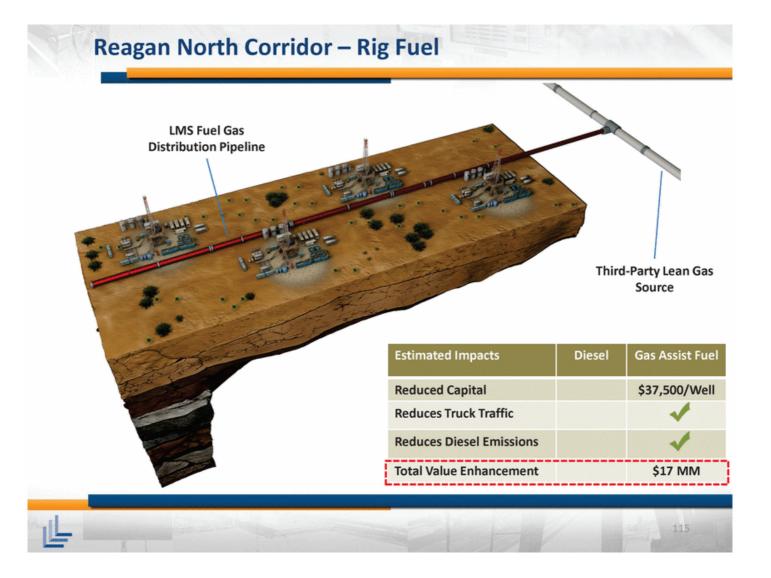


Reagan North Corridor

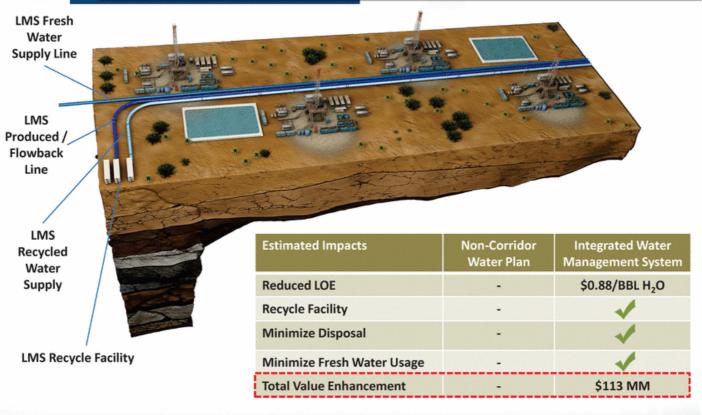
Per well estimated benefits of corridor investment (capital savings, LOE savings and price uplift)

Natural gas for rig fuel, displaces higher cost diesel	\$37,500
Approximately 40% total investment pays out before well is even producing	
Flowback and produced water savings over life of well	\$253,000
85% of savings in initial flowback of load water used in completion	
Per well payout occurs at <25% load recovery	
Natural gas for gas lift for first 3 years of well life	\$81,000
Crude oil gathering price uplift to LPI over life of well	\$356,250
Crude oil gathering revenue to LMS over life of well	\$281,250
Reduced gas gathering expense over life of well	\$225,000
Total estimated benefit of Reagan North Production Corridor for each well	\$1,234,000

\$553 million in total estimated benefits from investment of \$44 million



Reagan North Corridor – Water System





Reagan North Corridor – Centralized Gas Lift

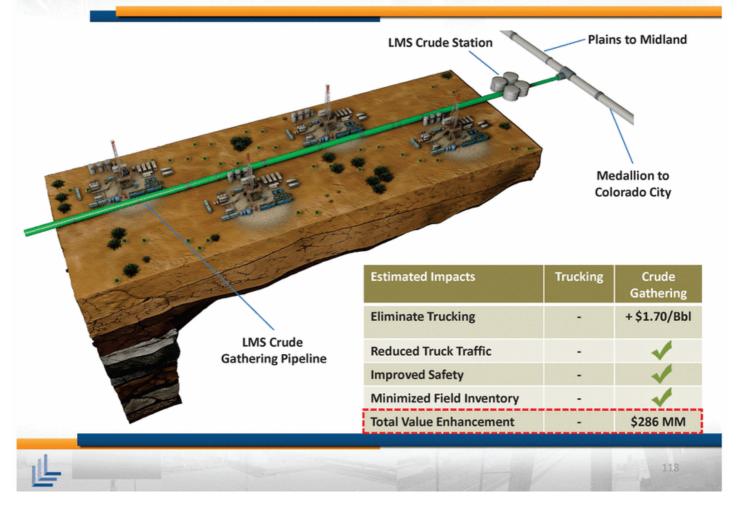


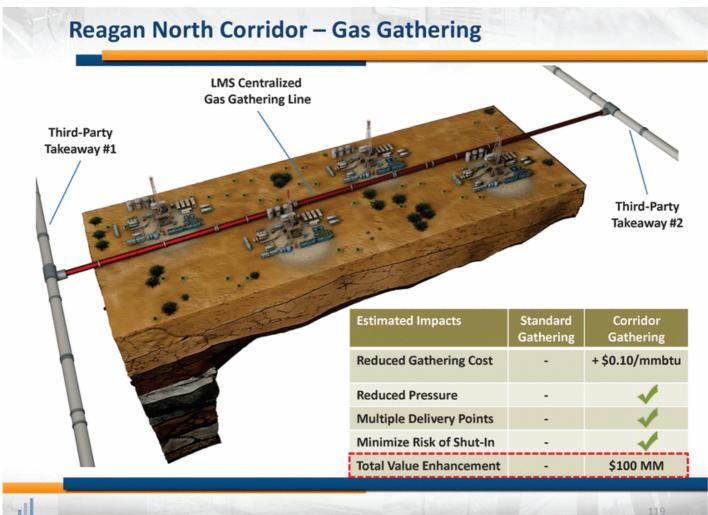
LMS High-Pressure Gas Lift Distribution Line

Estimated Impacts Wellhead **Centralized Gas** Compression Lift Compression Multiple **Construct/Maintain 1** Facility Installations **Facility Uptime** ~93% ~98% LOE Savings (\$/well/month) \$2,250 -~ Improved Well Performance **Alternative Source of Gas Lift Gas Total Value Enhancement** \$36 MM

LMS Centralized Gas Lift Compressor Station

Reagan North Corridor – Crude Gathering





Marketing

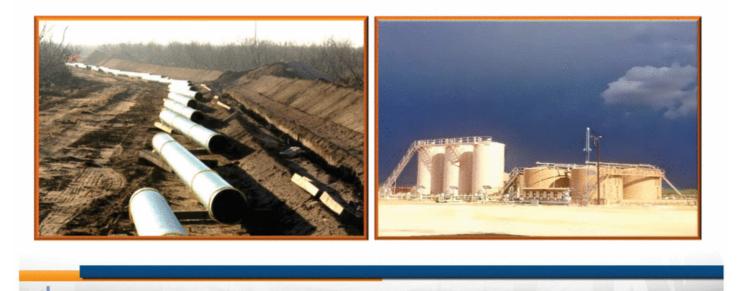
Dan Schooley

Senior Vice President – Midstream & Marketing

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Laredo Marketing Strategy

- Create takeaway optionality in the field
- Commit to firm service where advantageous to Laredo
- Maximize oil and natural gas revenues



Marketing Infrastructure – Moving Oil Out of the Basin

Legacy Crude Oil Pipeline Capacity Out Of Permian Basin							
	Capacity (mbopd)		Capacity (mbopd)				
Pipeline	Incremental	Cumulative	Startup	Status	Origin → Destination		
Plains Basin Pipeline	450	450	Existing	Operational	Midland > Colorado City > Cushing		
Centurion Pipeline	175	625	Existing	Operational	SE New Mexico > Colorado City > Cushing		
Sunoco West Texas Gulf Pipeline	350	975	Existing	Operational	Colorado City > Midwest		

Pipeline Capacity Available at Colorado City Hub

New Crude Oil Pipeline Capacity Out Of Permian Basin Since 2013								
	Capacity (mbopd)							
Pipeline	Incremental	Cumulative	Startup	Status	Origin → Destination			
West Texas Gulf - Expansion to Longview	30	30	Q1 2013	Operational	Colorado City > Midwest			
West Texas Gulf - Wortham/Nederland	80	110	Q1 2013	Operational	Colorado City > Beaumont			
Permian Express I	90	200	Q2 2013	Operational	Wichita Falls > Beaumont			
Permian Express I Expansion	60	260	Q4 2013	Operational	Wichita Falls > Beaumont			
BridgeTex	278	538	Q1 2015	Operational	Colorado City > Houston			
Permian Express II	200	738	Q3 2015	Under Construction	Midland > Colorado City > Cushing			

Pipeline capacity out of Colorado City is projected to nearly double from 975 MBOPD to 1,713 MBOPD by 3Q-15.

Colorado City is the preferred location for Laredo's Garden City crude oil. Colorado City provides ample liquidity, avoids the congested Midland-Colorado City corridor and provides access to Cushing, Upper Midwest and USGC markets.



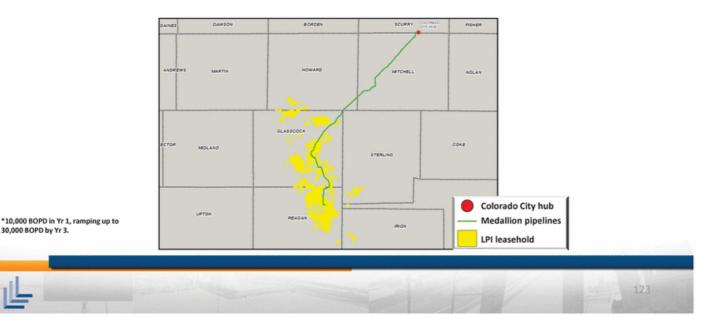
Colorado City Hub – Enhanced Liquidity

Colorado City is an important trading hub for Permian crude oil

- Over 1.7 million BOPD capacity
- Avoids the congestion between Midland and Colorado City
- Provides access to both the Midwest and US Gulf Coast refinery markets

Partnered with Medallion to build 88-mile crude oil pipeline to Colorado City

- LMS is a 49% partner in the Medallion pipeline system
- LMS is also a firm shipper for 30,000 BOPD* on the pipeline .

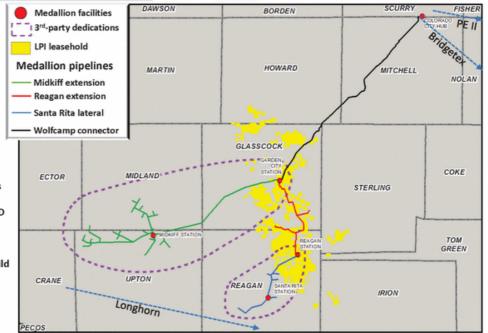


Medallion Crude Oil System Overview

Wolfcamp Connector:

30,000 BOPD by Yr 3.

- 100% Active: ~60 miles of 12"
- Capacity: ~140,000 BOPD
- Active October 2014
- **Reagan Extension:**
 - 90% Active: ~53 miles of 4" -10"
 - Capacity: up to ~90,000 BOPD
 - Active October 2014
- Midkiff Lateral:
 - Under Construction: ~95 miles of 4" - 12"
 - Capacity: up to ~150,000 BOPD
 - Partial in-service March 2015
- Santa Rita Lateral:
 - **Under Construction: Initial build** ~28 miles of 4" - 10"
 - Capacity: up to ~90,000 BOPD
 - Partial in-service March 2015

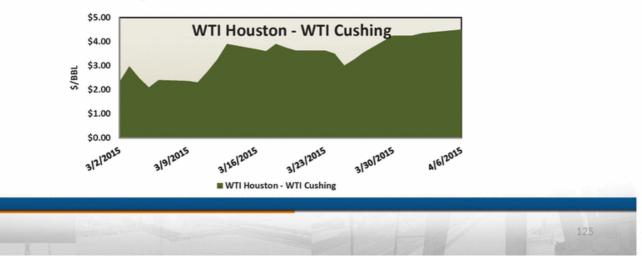


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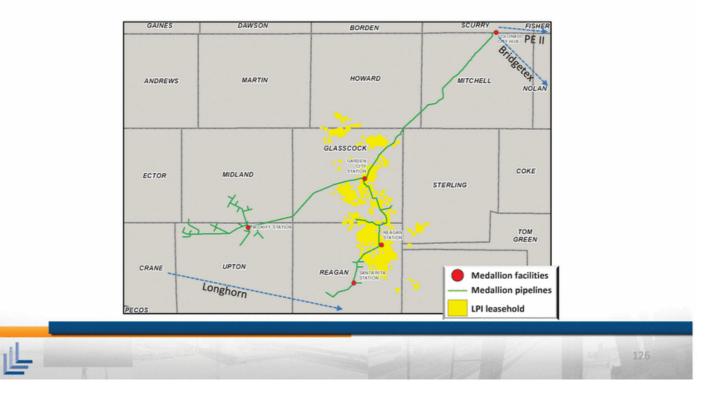
Medallion pipeline system now >230 miles with >111,000 net acres dedicated to system and >1.1 million acres either under AMI or supporting firm commitments on the pipeline

Medallion Infrastructure Value Creation

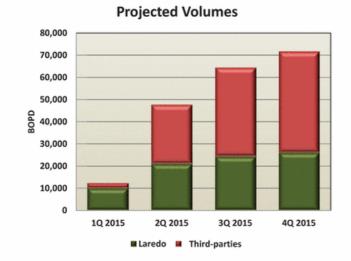
- Bridgetex and Longhorn pipelines provide direct access to the US Gulf Coast refinery markets
- The new "WTI-Houston" Index published by Argus represents Permian crude oil f.o.b. Magellan East Houston
- Provides direct pricing exposure in the US Gulf Coast
- Unblended Permian sweet crude oil is preferred by refiners
- As of 4/6/15 the WTI-Houston Index is currently pricing Permian crude oil at a premium to WTI-Cushing of approximately \$4.50/Bbl
- Medallion pipeline provides direct access to Bridgetex and is in negotiations for a connection into Longhorn



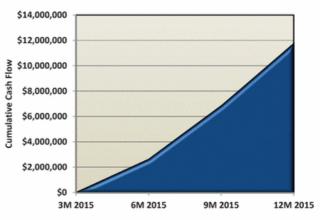
- Permian crude oil directly connected to USGC via Medallion pipeline
- Medallion pipeline is uniquely located to provide transportation to both Bridgetex and Longhorn, the two USGC pipelines that make up the WTI-Houston index



Medallion 2015 Forecast



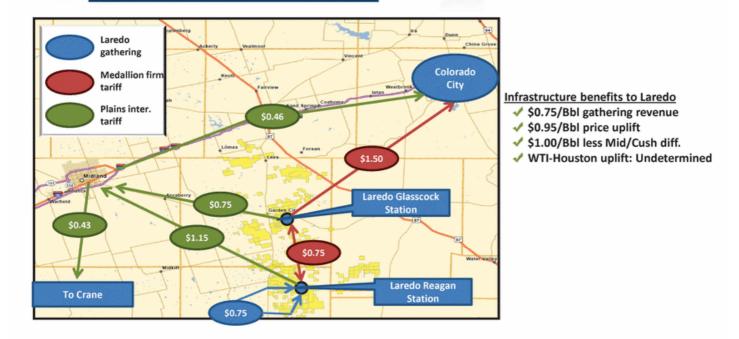




Third-party volume growth driven by continued expansions of the pipeline system and the optionality provided by the redelivery options on the system

Total estimate 2015 LMS net cash flow from the Medallion pipeline of \$11 MM

Marketing Infrastructure Matters

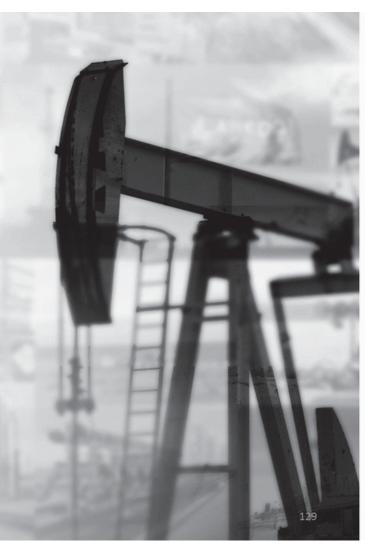


LMS crude oil infrastructure investment provides >\$2.70/Bbl increase in value to Laredo

Financials

Rick Buterbaugh

Executive Vice President & Chief Financial Officer



Laredo's commitment:

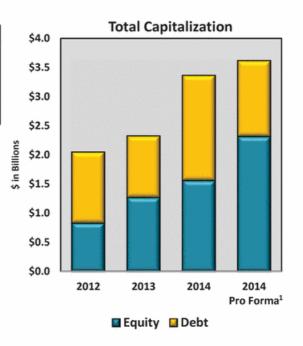
- Maintain a strong balance sheet
- Maintain financial flexibility
- Self-fund a growing percent of capital expenditures
- Underpin cash flows with hedges
 - Enhance returns



Strengthened Balance Sheet

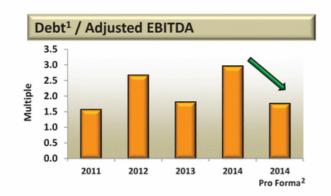
\$ in Millions	2012	2013	2014	2014 Pro Forma ¹
Cash	\$33	\$198	\$29	\$250
Total Debt	\$1,217	\$1,052	\$1,801	\$1,300
Total Equity	\$832	\$1,272	\$1,563	\$2,318
Total Capitalization	\$2,049	\$2,324	\$3,364	\$3,618

Laredo remains committed to maintaining a strong balance sheet with the financial flexibility to develop our asset efficiently

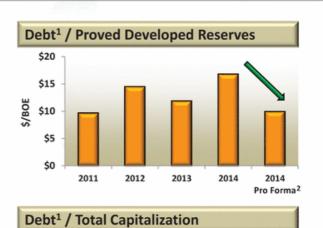


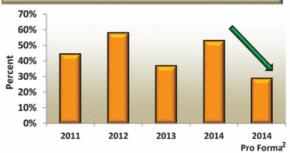
¹ Pro forma amounts reflect the repayment in full of the Company's Senior Secured Credit Facility and calling the 9-1/2% notes following the issuance of 69 MM shares of common stock and \$350 MM of 6-1/4% notes

Improved Debt Metrics



/ Daily Production Debt¹ \$60 \$50 \$M/BOEPD \$40 \$30 \$20 \$10 \$0 2011 2012 2013 2014 2014 Pro Forma²

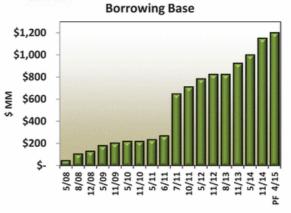


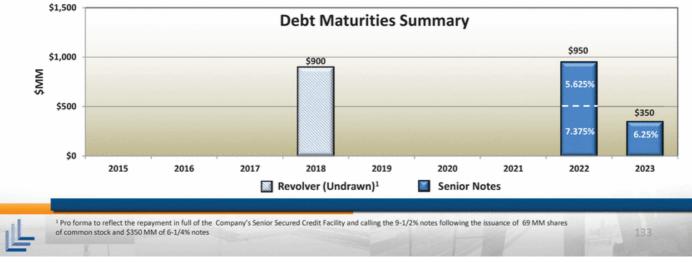


¹ Debt reflect Debt less cash and cash equivalents ² Pro forma ratios reflect the repayment in full of the Company's Senior Secured Credit Facility and calling the 9-1/2% notes following the issuance of 69 MM shares of common stock and \$350 MM of 6-1/4% notes

Increased Financial Flexibility

- Decreased total debt ~\$675 MM
- Reduced annual interest payment ~\$40 MM
- Extended first maturity to seven years
- Enhanced borrowing base¹
- Increased liquidity to ~\$900 MM¹

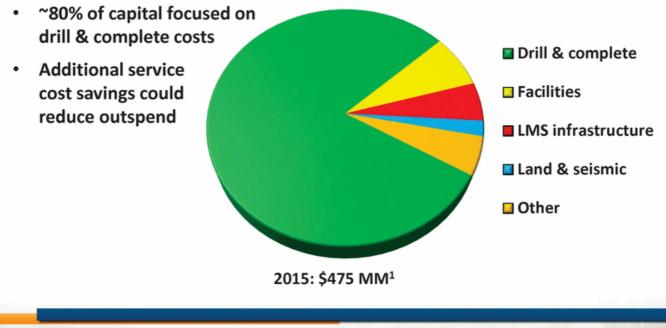




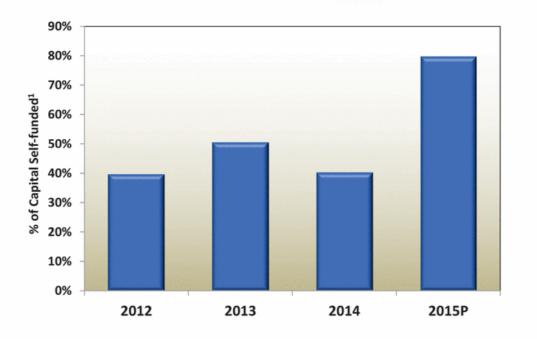
2015 Capital Program

Bringing capital in balance to cash flows

>50% reduction in capital budget



Self-Fund a Growing Percent of Capital Expenditures



Laredo remains committed to self-funding a growing percent of our capital program

1	Calculated as cash flow from operations before working capital changes as a percent of capital excluding acquisitions	
Concern States		135

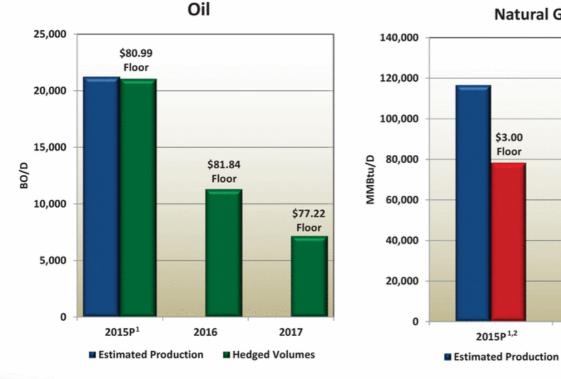
Laredo takes a multi-year approach to hedging in order to underpin cash flows and be able to support:

- Debt service ٠
- Employee cost ٠
- Reasonable capital levels to retain core development activities ٠

Laredo utilizes straight-forward derivatives:

- Swaps .
- Puts
- Collars (no three-way collars)

Underpin Cash Flow With Hedges





\$3.00

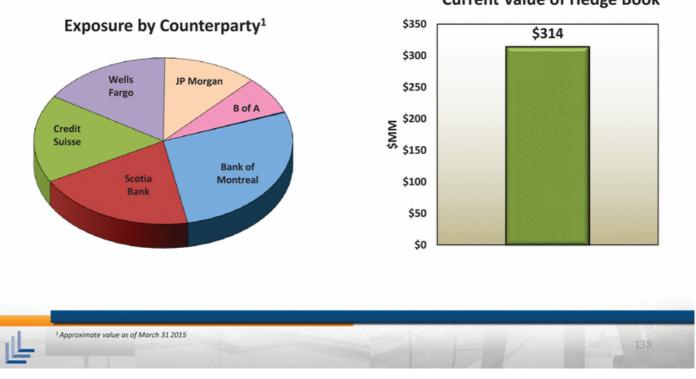
Floor

2016

Hedged Volumes

¹Estimated production based on 2015 production growth guidance issued 12/16/2014, as of 4/1/15 ² Heat content of estimated production based on 1311 Btu/cubic foot

\$314 MM of value with all current counterparties participants in the Company's credit facility



Current Value of Hedge Book¹

Enhancements to Financial Presentation

- Three-stream reporting: Effective January 1, 2015 all financial and operating results are presented on a threestream basis, breaking out crude oil, natural gas liquids and dry natural gas
- Laredo Midstream Segment: Laredo will voluntarily present its Laredo Midstream Services on an individual segment basis
 - Due to LPI's high working interest in leasehold, the majority of revenues are eliminated, in the near term, through the consolidation process
 - Highlights the growing value of LMS on a stand-alone basis as third-party volumes on Medallion increase

	FY-2015
Production (MBOE)	15,600 - 16,000
Price Realization ¹	
Crude Oil (% of WTI)	85%
NGL (% of WTI)	25%
Natural Gas (% of Henry Hub)	70%
Costs	
LOE + WOE (\$/BOE)	\$6.75 - \$7.75
G&A (\$/BOE)	\$6.00 - \$7.00
Midstream (\$/BOE)	\$0.40 - \$0.50
DD&A (\$/BOE)	\$18.75 - \$19.75
Production Taxes (% of Revenue)	7.75%

¹Price realizations will be adjusted throughout the year to reflect alternative sales points and related differentials

Summary

Randy Foutch Chairman & Chief Executive Officer

Potential Transaction

As previously disclosed, we have been in discussions with interested parties regarding potential joint drilling and development opportunities on our northern and a portion of our southern Permian-Garden City properties.

Objectives:

- Accelerate value recognition of multi-decade drilling inventory
- Leverage capital to bring EBITDA forward sooner
- Maintain the pristine nature of Laredo's leasehold to maximize ultimate value

The discussions continue to progress, however, there is no certainty that an acceptable transaction will occur.



Do It Right From the Start

Focus on long-term value from the beginning

- Hire <u>quality people</u>, and support them with the tools they need to be successful
- Acquire contiguous acreage in the <u>right basin</u>
- Collect <u>quality data</u> at the right time and use the data to drive decisions
- <u>Maximize NPV</u> by increasing resource recovery and minimizing cost in development plans
- Maintain <u>optionality</u> in operations through ownership of infrastructure and logistical flexibility
- Maintain <u>financial flexibility</u> and cash flow certainty in an uncertain commodity price environment





pen Positions As of December 31, 2014 ¹	2015	2016	2017	Total
OIL ²				
Puts:				
Hedged volume (Bbls)	456,000		-	456,000
Weighted average price (\$/Bbl)	\$75.00	\$ -	\$ -	\$75.00
Swaps:				
Hedged volume (Bbls)	672,000	1,573,800	-	2,245,000
Weighted average price (\$/Bbl)	\$96.56	\$84.82	\$ -	\$88.33
Collars:				
Hedged volume (Bbls)	6,557,020	2,556,000	2,628,000	11,741,020
Weighted average floor price (\$/Bbl)	\$79.81	\$80.00	\$77.22	\$79.27
Weighted average ceiling price (\$/Bbl)	\$95.40	\$93.77	\$97.22	\$95.45
Total volume with a floor (Bbls)	7,685,020	4,129,800	2,628,000	14,442,820
Weighted average floor price (\$/Bbl)	\$80.99	\$81.84	\$77.22	\$80.55
NYMEX WTI to Midland Basis Swaps:				
Hedged volume (Bbls)	3,060,000	-	-	3,030,000
Weighted average price (\$/Bbl)	\$ 1.95	Ś -	\$ -	\$1.95



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¹ Updated to reflect hedges placed through 4/13/15
 ² Oil derivatives are settled based on the month's average daily NYMEX price of WTI Light Sweet Crude Oil



Open Positions As of December 31, 2014 (1)	2015	2016	2017	Total
NATURAL GAS ⁽²⁾				
Collars:				
Hedged volume (MMBtu)	28,600,000	18,666,000	-	47,266,000
Weighted average floor price (\$/MMBtu)	\$3.00	\$ 3.00	\$ -	\$3.00
Weighted average ceiling price (\$/MMBtu)	\$5.96	\$ 5.60	\$ -	\$5.82
Total volume with a floor (MMBtu)	28,600,000	18,666,000	-	47,266,000
Weighted average floor price (\$/MMBtu)	\$3.00	\$3.00	\$ -	\$3.00



¹ Updated to reflect hedges placed through 4/13/15
 ² Natural gas derivatives are settled based on Inside FERC index price for West Texas Waha for the calculation period.

EBITDA Reconciliation

(\$ thousands, unaudited)	2011	2012	2013	2014
Net income	\$105,554	\$61,654	\$118,000	\$265,573
Plus:				
Interest expense	50,580	85,572	100,327	121,173
Depletion, depreciation and amortization	176,366	243,649	234,571	246,474
Impairment expense	243			3,904
Write-off of debt issuance costs	6,195		1,502	124
Bad debt expense			653	342
Loss on disposal of assets, net	40	52	1,508	3,252
Gain on derivatives, net	(19,736)	(8,388)	(79,878)	(327,920)
Cash settlements received for matured commodity derivatives, net	3,719	27,025	4,046	28,241
Cash settlements received for early terminations and modifications				
of commodity derivatives, net			6,008	76,660
Premiums paid for derivatives that matured during the period ⁽¹⁾	(4,104)	(9,135)	(11,292)	(7,419)
Non-cash stock-based compensation, net of amount capitalized	6,111	10,056	21,433	23,079
Income tax expense	59,374	32,949	75,288	164,286
Adjusted EBITDA	\$384,342	\$443,434	\$472,166	\$597,769

