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): **September 17, 2013**

LAREDO PETROLEUM HOLDINGS, INC.

(Exact Name of Registrant as Specified in Charter)

Delaware	**001-35380**	**45-3007926**
(State or Other Jurisdiction of Incorporation or Organization)	(Commission File Number)	(I.R.S. Employer Identification No.)

15 W. Sixth Street, Suite 1800, Tulsa, Oklahoma	**74119**
(Address of Principal Executive Offices)	(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 7.01. Regulation FD Disclosure.

On September 17, 2013, Laredo Petroleum Holdings, Inc. (the "Company") is scheduled to present at the Company's investor day in New York, New York. The presentation that the Company will utilize at the conference is available on the Company's website, www.laredopetro.com, and is attached to this Current Report on Form 8-K as Exhibit 99.1 and incorporated into this Item 7.01 by reference.

All statements in 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 of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. 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 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 Exhibit 99.1) 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, or otherwise subject to the liabilities of that section, nor shall such information and Exhibit be deemed incorporated by reference into any filing under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended.

Item 9.01. Financial Statements and Exhibits.

(d) *Exhibits*.

Exhibit Number	**Description**
99.1	Conference Presentation

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 HOLDINGS, INC.

Date: September 17, 2013

By: /s/ Richard C. Buterbaugh
Richard C. Buterbaugh
Executive Vice President and Chief Financial Officer

EXHIBIT INDEX

Exhibit Number	Description
99.1	Conference Presentation


LAREDO
PETROLEUM
Investor Update
September 2013
NYSE: LPI
www.laredopetro.com

Welcome

Ron Hagood
Director, Investor Relations

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 Holdings, 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," "intend," "foresee," "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's drilling program, production, hedging activities, capital expenditure levels and other guidance included in this presentation. These statements are based on certain assumptions made by the Company based on management's expectations and perception of historical trends, current conditions, anticipated future developments 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 from those implied or expressed by the forward-looking statements. These include, but are not limited to, risks relating to financial performance and results, current economic conditions and resulting capital restraints, prices and demand for oil and natural gas, availability of drilling equipment and personnel, availability of sufficient capital to execute the Company's business plan, impact of compliance with legislation, regulations, and regulatory actions, successful results from the Company's drilling activities, it's ability to replace reserves and efficiently develop and exploit its current reserves and other important factors that could cause actual results to differ materially from those projected as described in the Company's Annual Report on Form 10-K for the year ended December 31, 2012, Form 10-Q for quarter ended June 30, 2013, Rule 424(5) prospectus supplement filed August 8, 2013 and Laredo's other public filings with the SEC.

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" or other descriptions of volumes of reserves, which the SEC guidelines restrict from being included in filings with the SEC. The Company does not choose to include unproved reserve estimates in its filings with the SEC. "Unproved reserves" refers to the Company's internal estimates of hydrocarbon quantities that may be potentially discovered through exploratory drilling or recovered with additional drilling or recovery techniques. "resource potential" is used by the Company 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 commercial development risk. Estimated ultimate recovery, or "EUR", refers to the Company's internal estimates of per well hydrocarbon quantities that may be potentially recovered from a hypothetical future well completed as a producer in the area. Unproved reserves, EURs and resource potential, may 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 that may be ultimately recovered from the Company's interests will differ substantially. Factors affecting ultimate recovery include the scope of the Company's ongoing drilling program, which will be directly affected by the availability of capital, drilling and production costs, availability of drilling services and equipment, drilling results, 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 unproved reserves, EURs and resource potential may change significantly as development of the Company's core assets provide additional data. In addition, the Company's production forecasts and expectations for future periods are 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. Additionally, the Company may use the term "de-risked" to signify areas where it believes it has reduced the risk and uncertainty of development potential, including through additional drilling, core analysis, seismic data or other means. However, the Company's view regarding the development potential for any of its acreage may change significantly in the future.

This presentation includes financial measures that are not in accordance with generally accepted accounting principles ("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.

Investor Day Agenda

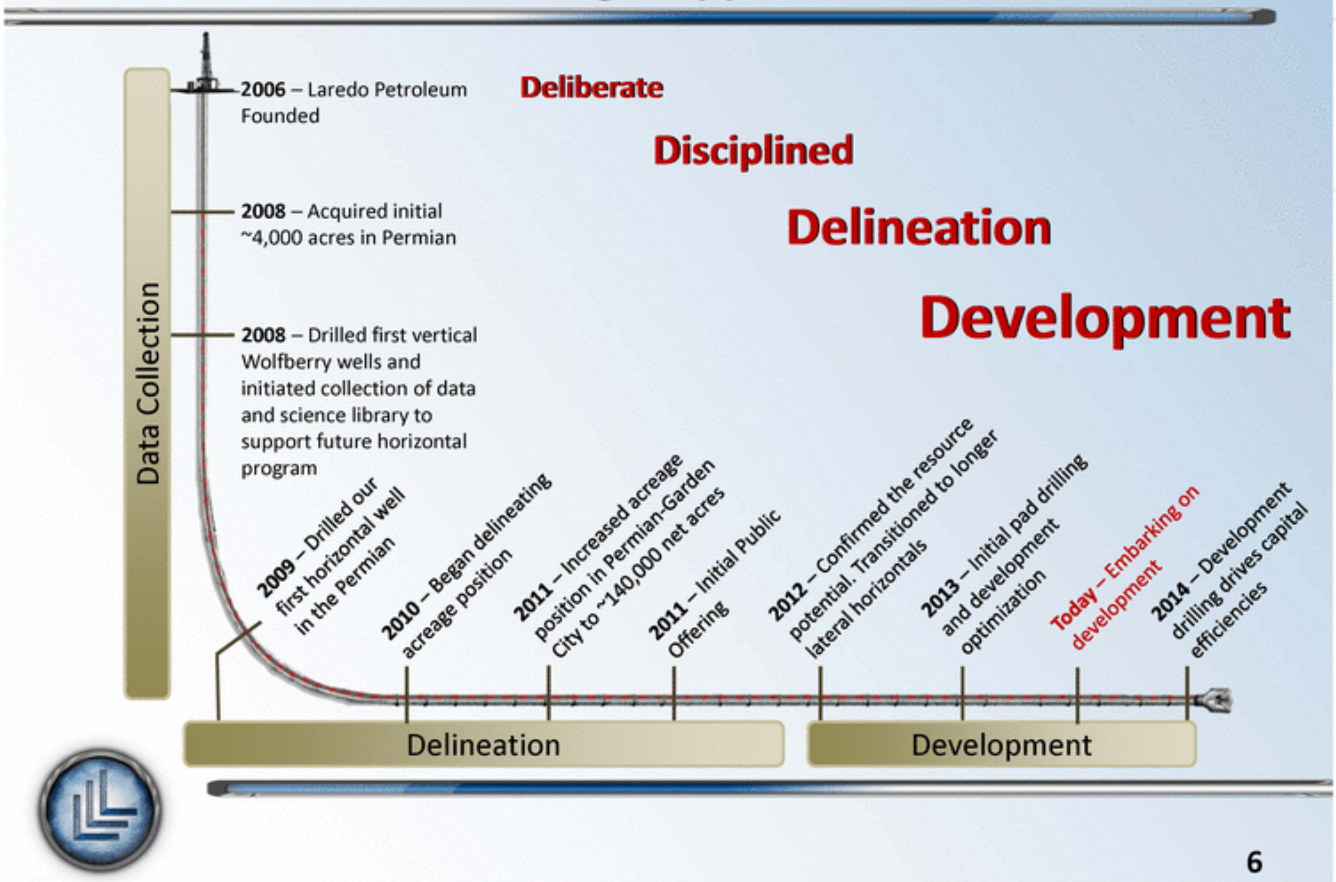
Strategic Overview	Randy A. Foutch
Corporate Perspective	Pat Curth
Depositional History of Midland Basin	Mark Elliott
Geoscience Toolbox	Jeff Tanner
Historical Drilling Activity	John Whitehead
Reserves & Resource Potential	Gary Smallwood
Development Overview	Jay Still
Product Marketing	Dan Schooley
Financials	Rick Buterbaugh
Question & Answer Session	Randy A. Foutch

Laredo's Approach to Superior Performance and Returns

Strategic Overview

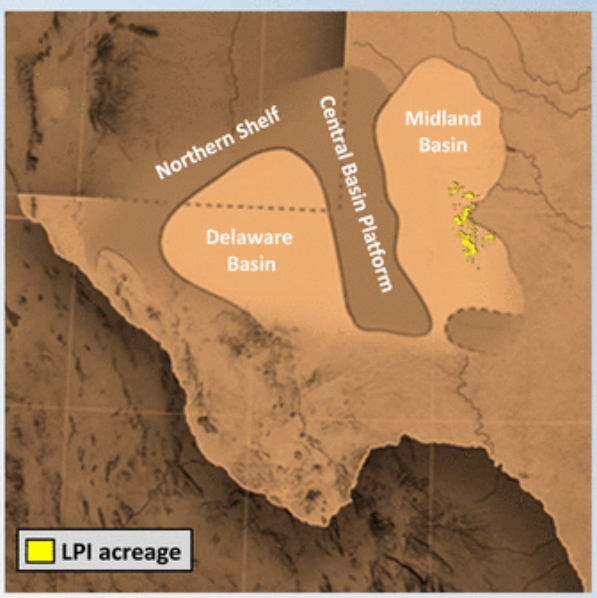
Randy A. Foutch
Chairman and Chief Executive Officer

Strategic Approach



Laredo Petroleum Today

- High-quality acreage position in the fairway of the Midland Basin
- Top-tier well results in multiple horizons
- Significant resource potential: >10x existing reserves [1]
- Transitioning to development manufacturing mode
- Strong financial structure



Concentrated Garden City acreage is in the heart of the Permian's Midland Basin

[1] Based on LPI internal reserve estimates (2-stream) as of 6/30/2013, pro-forma for sale of Anadarko Basin properties, and estimated total resource potential of more than 2 Billion Bbls

2013 Accomplishments

Activity / Action	Outcome
• Divested Anadarko Basin properties	• Pure-play Midland Basin exposure
• Transitioned from delineation to development	• Industry-leading well results with top-tier unit operating costs
• Strengthened management and technical team	• Expanded bench – ready to accelerate development
• Raised additional equity proceeds	• Positioned to accelerate development program

Experienced Leadership

Executive Management

Randy Foutch	Chairman & Chief Executive Officer
Jay Still	Director, President & Chief Operating Officer
Rick Buterbaugh	EVP & Chief Financial Officer
Pat Curth	SVP – Exploration & Land
John Minton	SVP – Reservoir Engineering
Ken Dornblaser	SVP & General Counsel

Non-Executive Board Members

Peter Kagan
Managing Director – Energy
Warburg Pincus

Pam Pierce
Former President & COO
J.M. Huber Energy

Ed Segner
Former President, Chief of Staff
& Director - EOG Resources

James Levy
Managing Director – Energy
Warburg Pincus

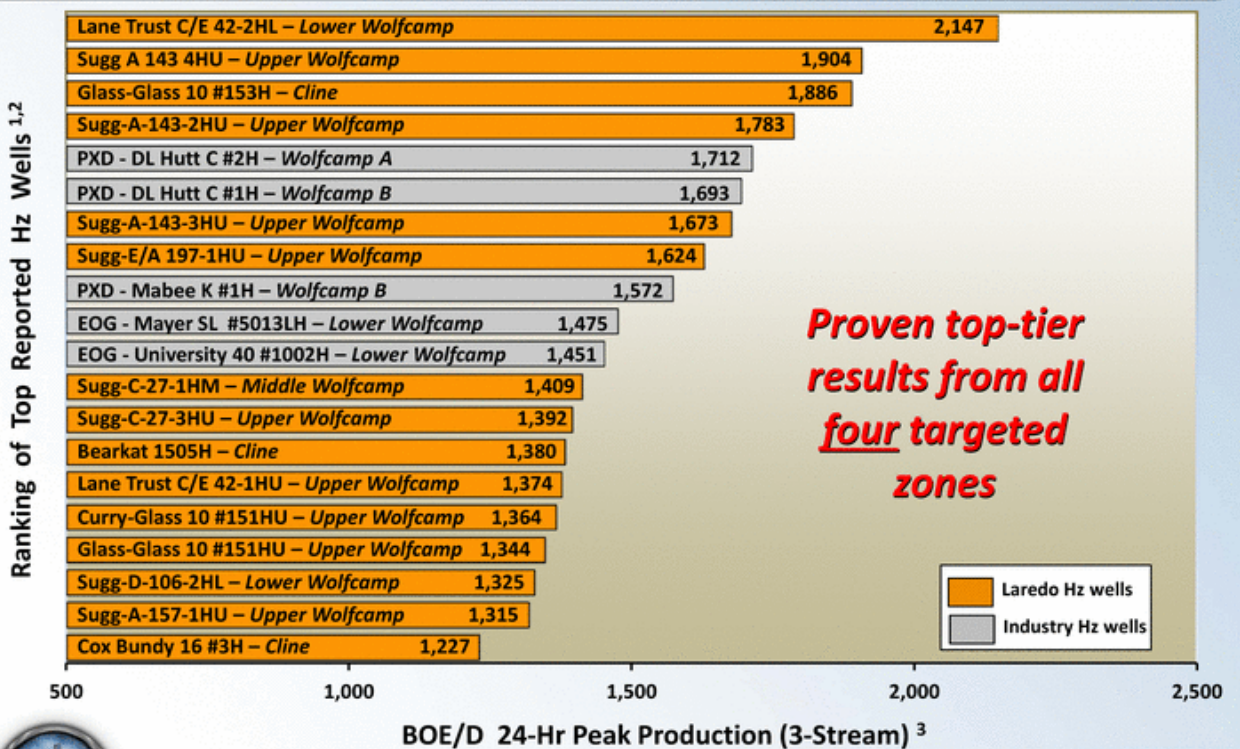
Ambassador Francis Rooney
CEO Rooney Holdings, Inc. and
Manhattan Construction Group

Donald Wolf
Chairman
Quantum Resources
Management, LLC

B.Z. (Bill) Parker
Former Executive VP
Phillips Petroleum Company

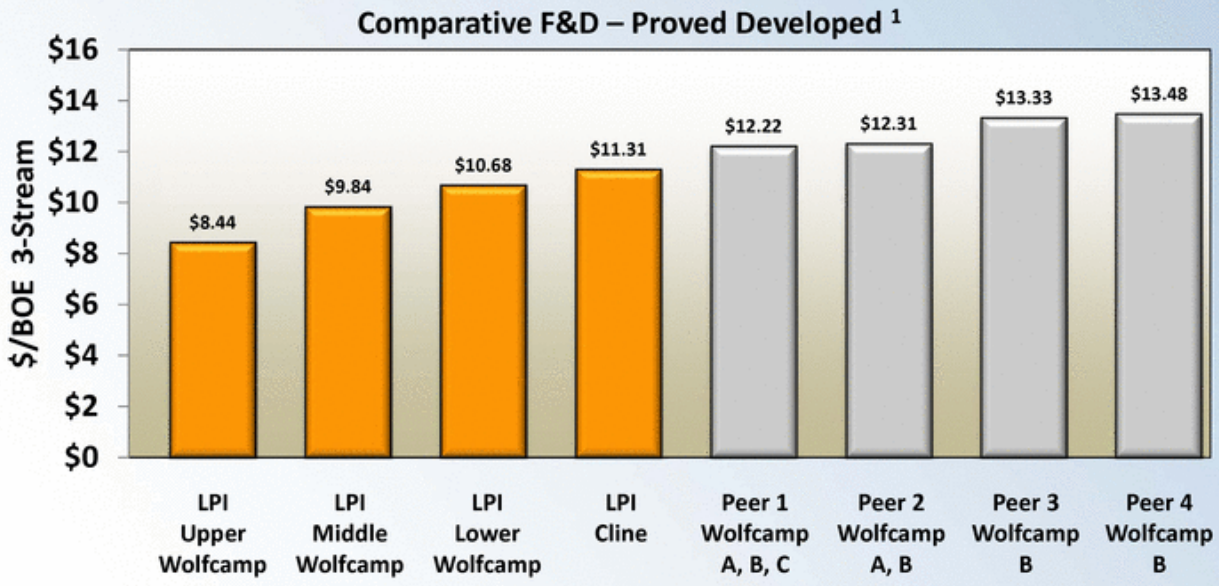
Dr. Myles Scoggins
President
Colorado School of Mines

Laredo's Wells are Among the Best in the Midland Basin



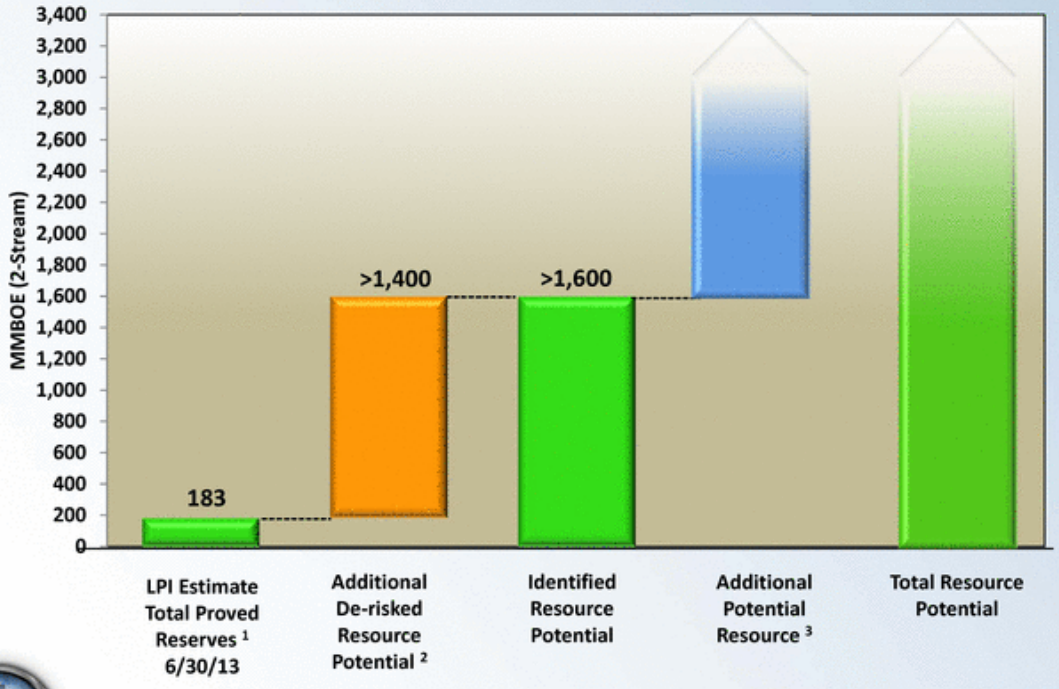
[1] Intended to be comprehensive, but may not include all non-Laredo wells
[2] Source: Company's public documents
[3] Laredo presents on a 2-stream basis. For the purpose of this comparison, LPI production has been converted to 3-stream

Laredo's Proved Developed F&D is Setting the Bar



[1] From publicly disclosed company data, calculated as well cost / EUR (3-stream). *Midland Basin peers shown represent published drill and complete costs and type curve EURs from Approach (AREX), Diamondback (FANG), Pioneer (PXD) and Pioneer's(PXD) southern JV acreage (See Appendix)*

Identified Path for Growth



[1] Internal estimate, 2-stream, as of 6/30/2013, presented on a pro-forma basis for the Anadarko Basin assets divestiture
[2] Based upon un-booked identified well locations for vertical Wolfberry's and horizontal wells in the Upper Wolfcamp, Middle Wolfcamp, Lower Wolfcamp and Cline
[3] Includes potential locations on acreage not de-risked by Hz wells, additional zones for Hz development and potential down-spacing

"Size of The Prize"

- High-quality acreage - among the best in the Permian
- Premier data and science inventory
- Well results among the best in the basin
- >2 billion barrels of resource potential
- Embarking on the development of the asset
- Financially sound to execute our program

Been There, Done That, And Know How to Build Value

Corporate Perspective

Pat Curth
Sr. VP, Exploration and Land

Established Track Record

1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014

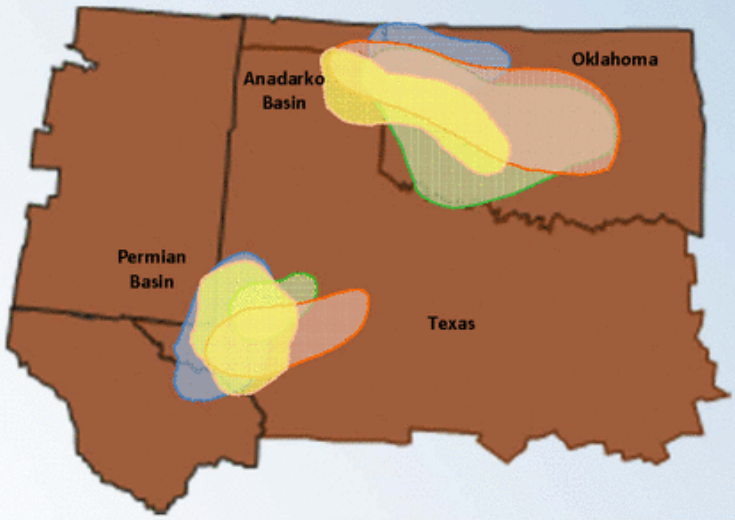
Colt Resource Corp
Equity:
First Reserve
2.5x Return

Lariat Petroleum
Equity:
Warburg Pincus
3.0x Return

Latigo Petroleum
Equity:
Warburg Pincus,
JP Morgan
3.4x Return

Laredo Petroleum
Equity:
Warburg Pincus
>3x Return

- >20-year history of generating significant value for investors
- Common areas of operations
- Common approach



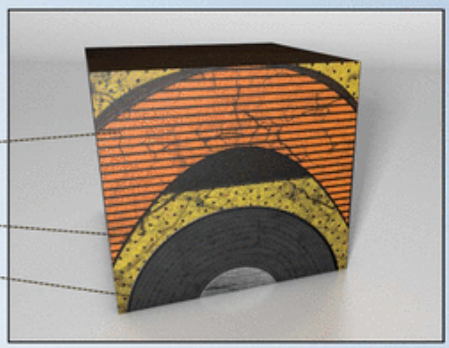
Common Elements For Success

- Work in mature, resource-rich basins and industry knowledgeable states
- Experienced technical staff
- Utilize the latest technologies
- Do the science upfront – data driven
  - Active coring and petrophysical programs ("looking at the rocks")
  - High-quality 3D seismic acquisition programs
  - Geology / Reservoir engineering, modeling and simulations
- Very selective, strategic acquisitions
- Proactive approach to finding new early entry opportunities

Opportunities Have Changed

Conventional

Trap
Reservoir
Source Rock

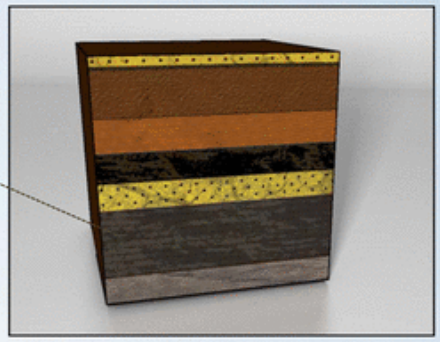


Unconventional

Reservoir &
Source Rock

Shale Gas

Shale Oil



Unconventional Resource Play: Permian-Garden City

- **Source Rock (the source is the reservoir)**

- **Reservoir Geometry Attributes**

Attribute	Garden City Checklist
Basin Depositional Framework	✓
Areal Extent	✓
Thickness	✓

- **Reservoir Shale Rock Attributes**

Mineralogy (Brittleness)	✓
Porosity / Permeability (Rock Quality)	✓
Organic Richness (TOC)	✓
Thermal Maturity (Ro)	✓
Burial Depth	✓
Oil in Place	✓

In the Right Place . . .

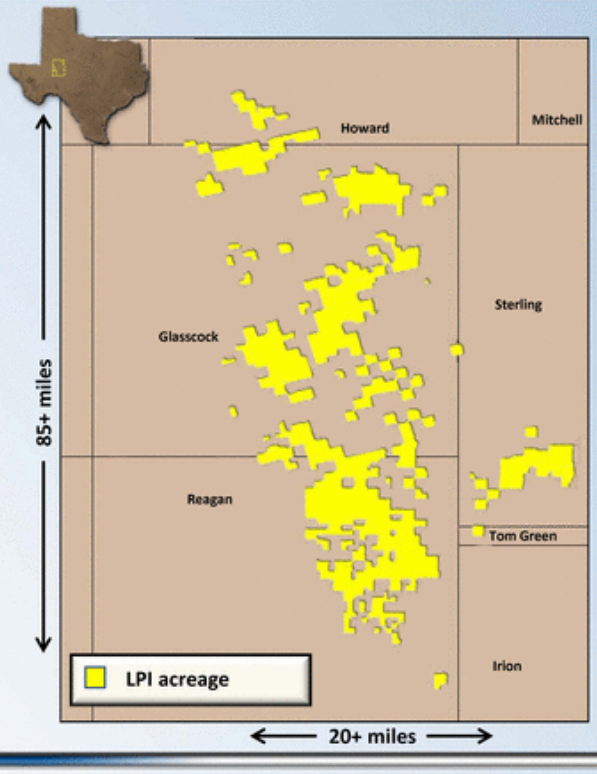
at the Right Time

Depositional History of Midland Basin

Mark Elliott
VP, Geology and Development

Concentrated Asset Portfolio Focused in Midland Basin

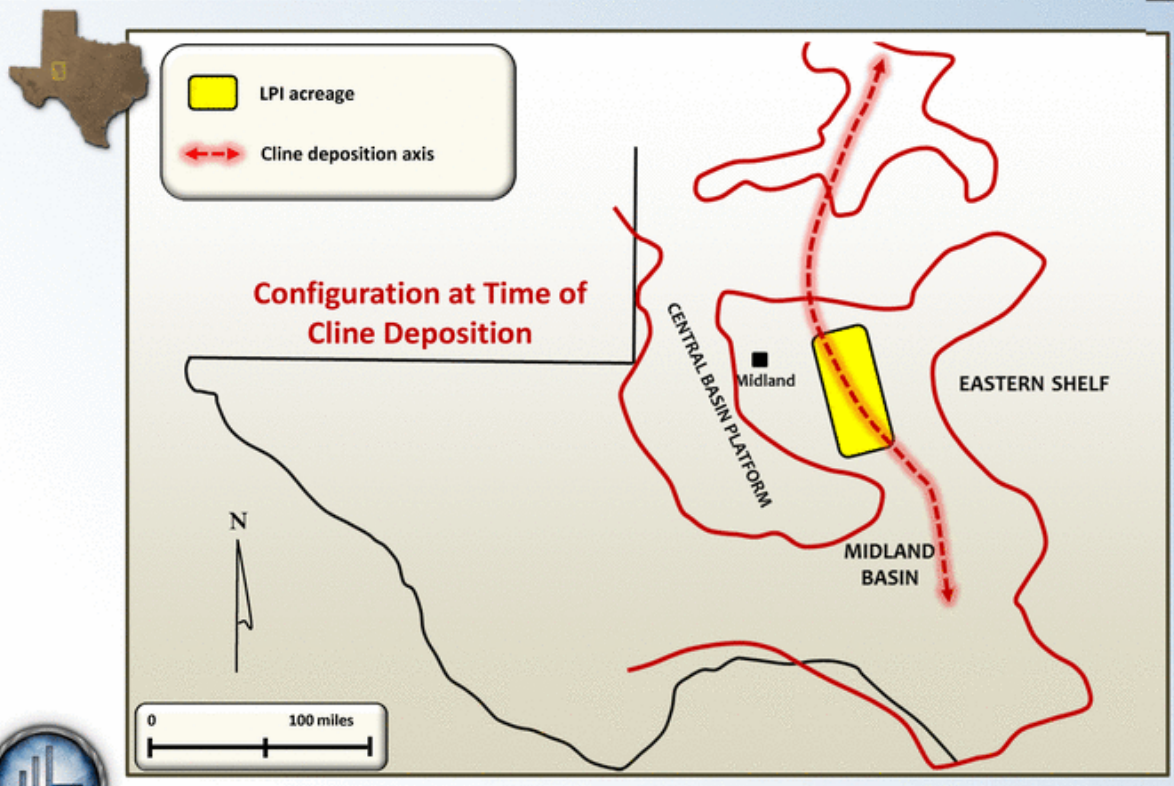
- ~139,960 net acres[1]
- ~63% held by production[1]
- ~91% average working interest[2]
- Multiple horizontal zones in addition to the Wolfcamp and Cline.



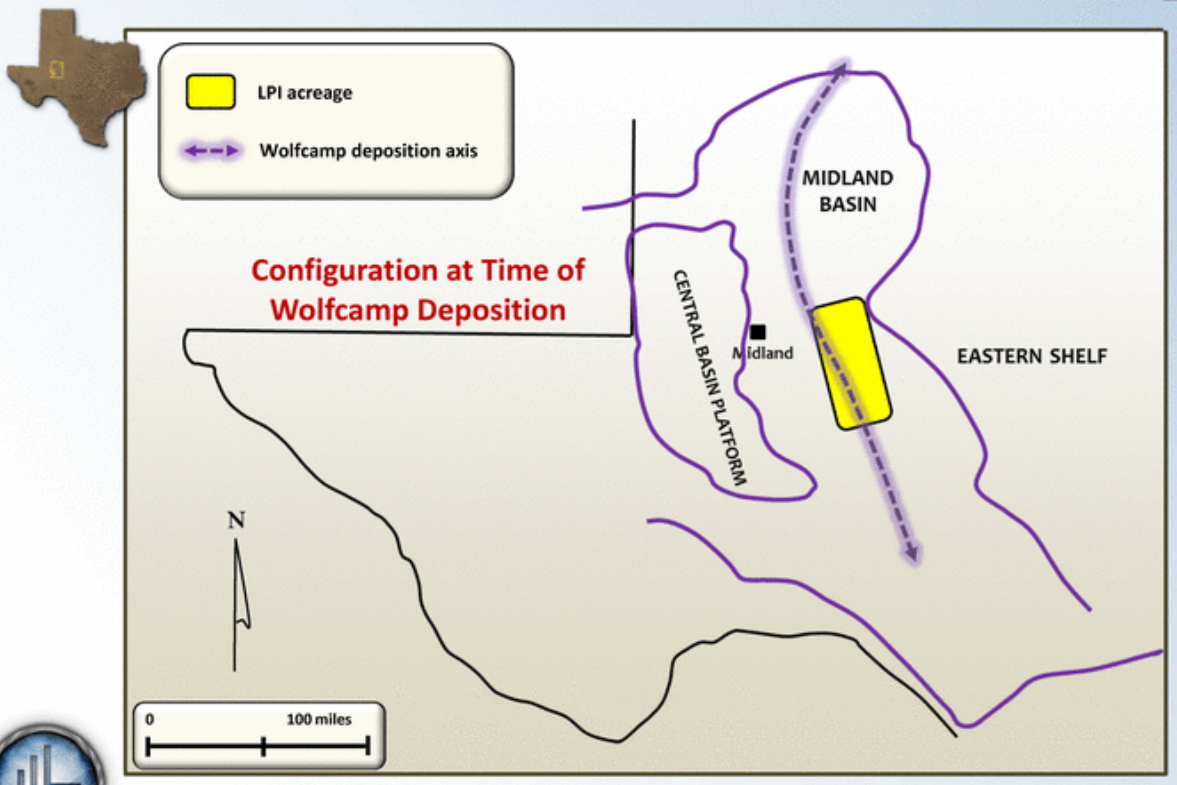
[1] As of 6/30/2013
[2] Working interest in wells drilled as of 6/30/2013

Perspective of Garden City Acreage

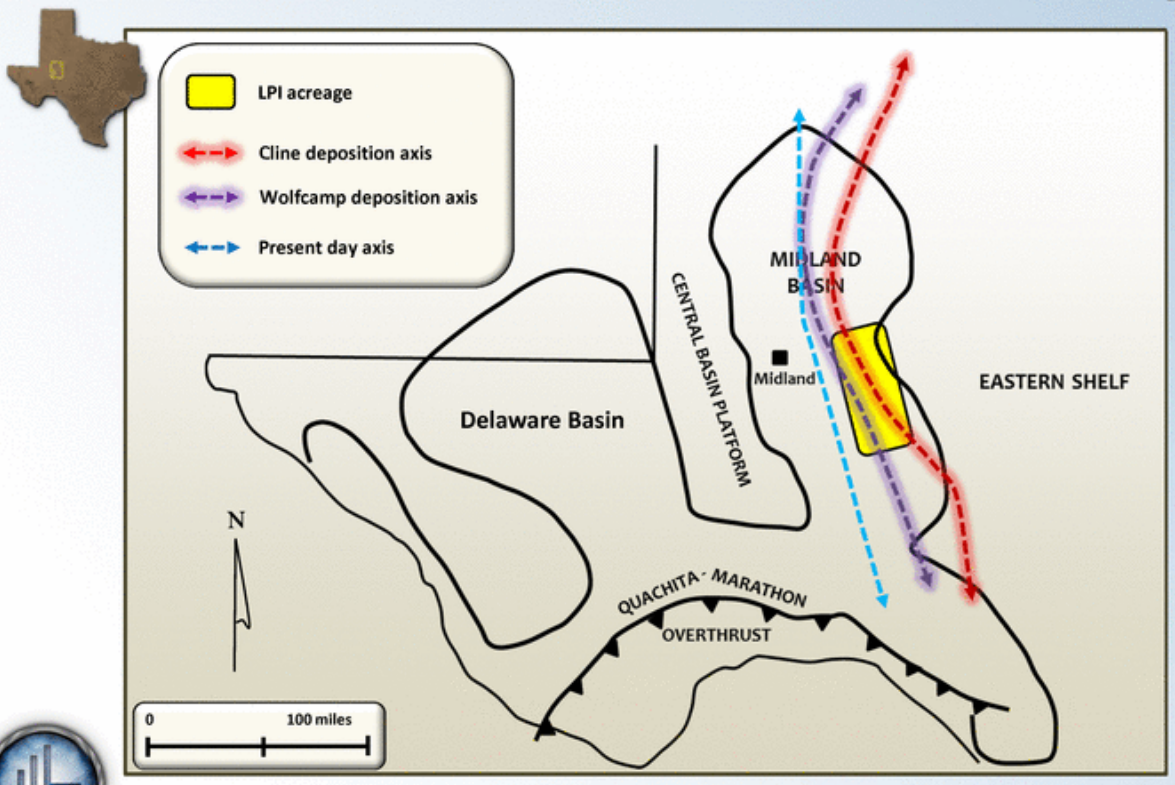
LPI Acreage Ideally Positioned for Cline Shale



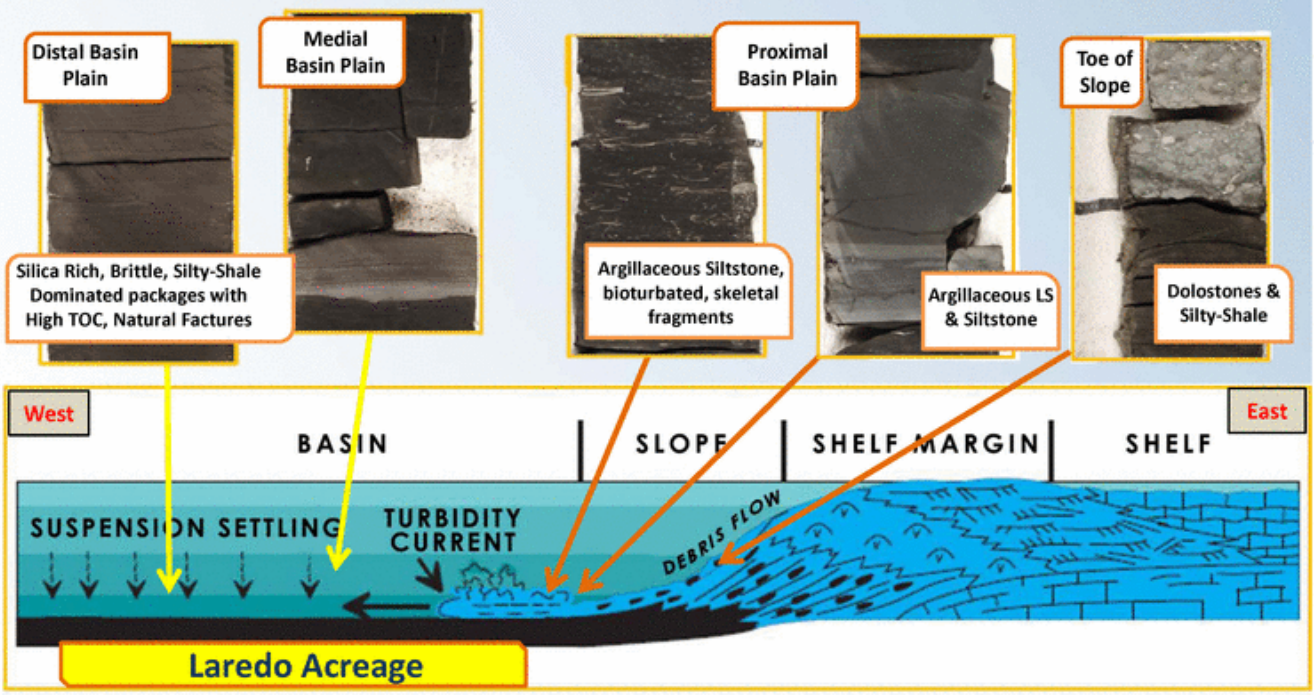
LPI Acreage Ideally Positioned for Wolfcamp Shale



Permian Basin: Present Day

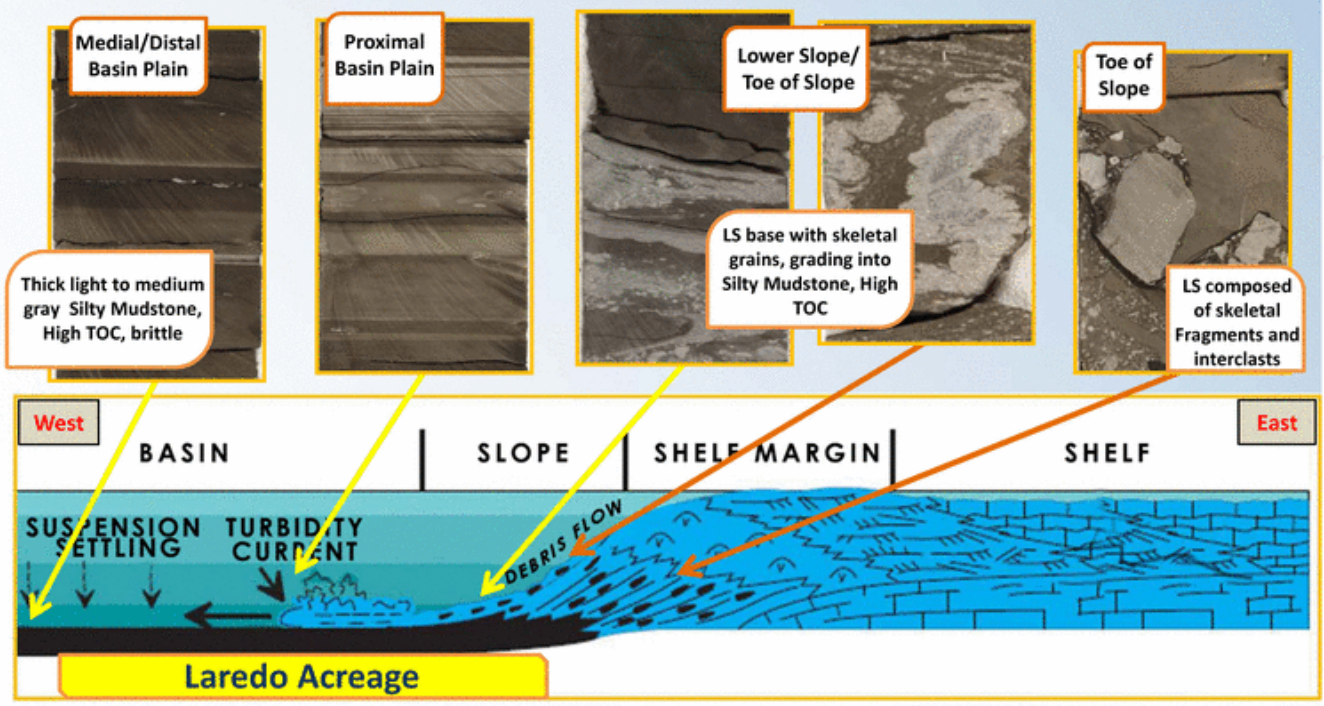


Deposition Supports Cline Development



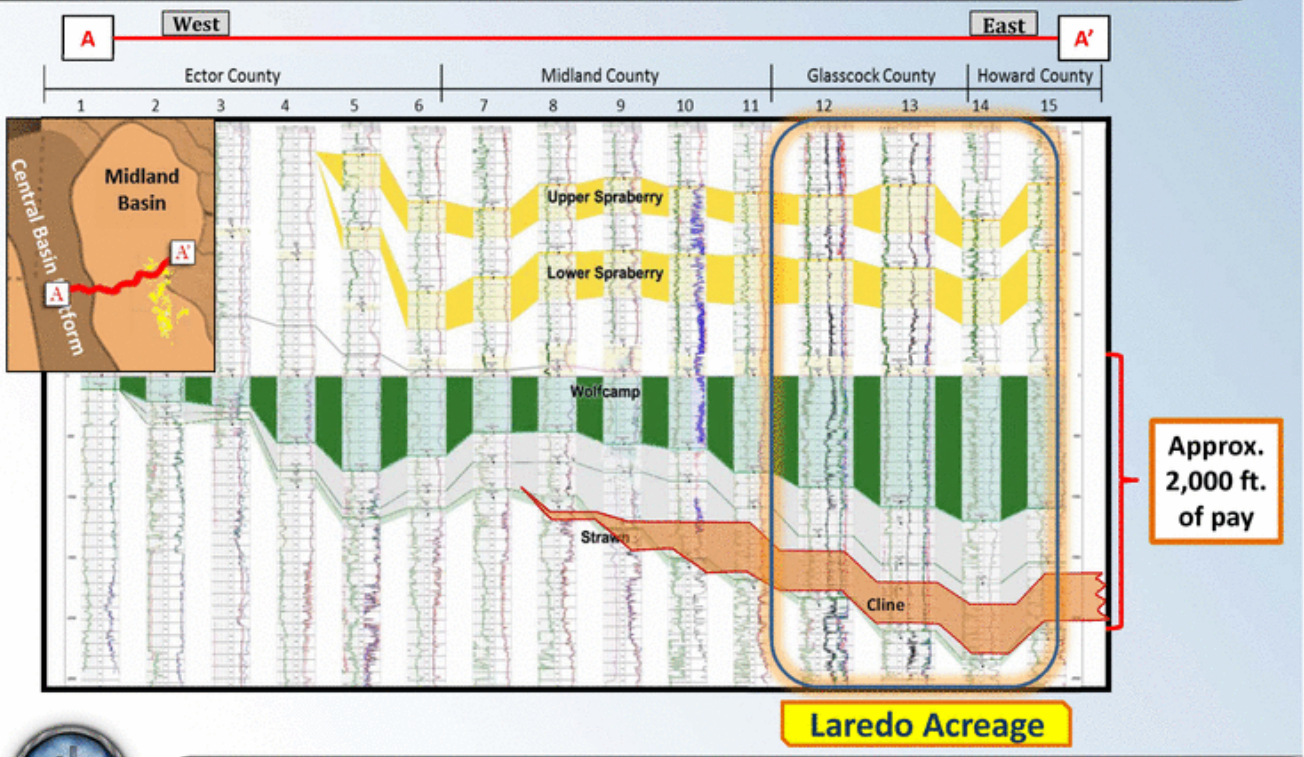
[1] ***Handford, C. Robertson (1981).*** *Sedimentology and Genetic Stratigraphy of Dean and Spraberry Formations (Permian), Midland Basin, Texas. AAPG Bull., v. 65, p 1602-1616.*

Deposition Supports Wolfcamp Development



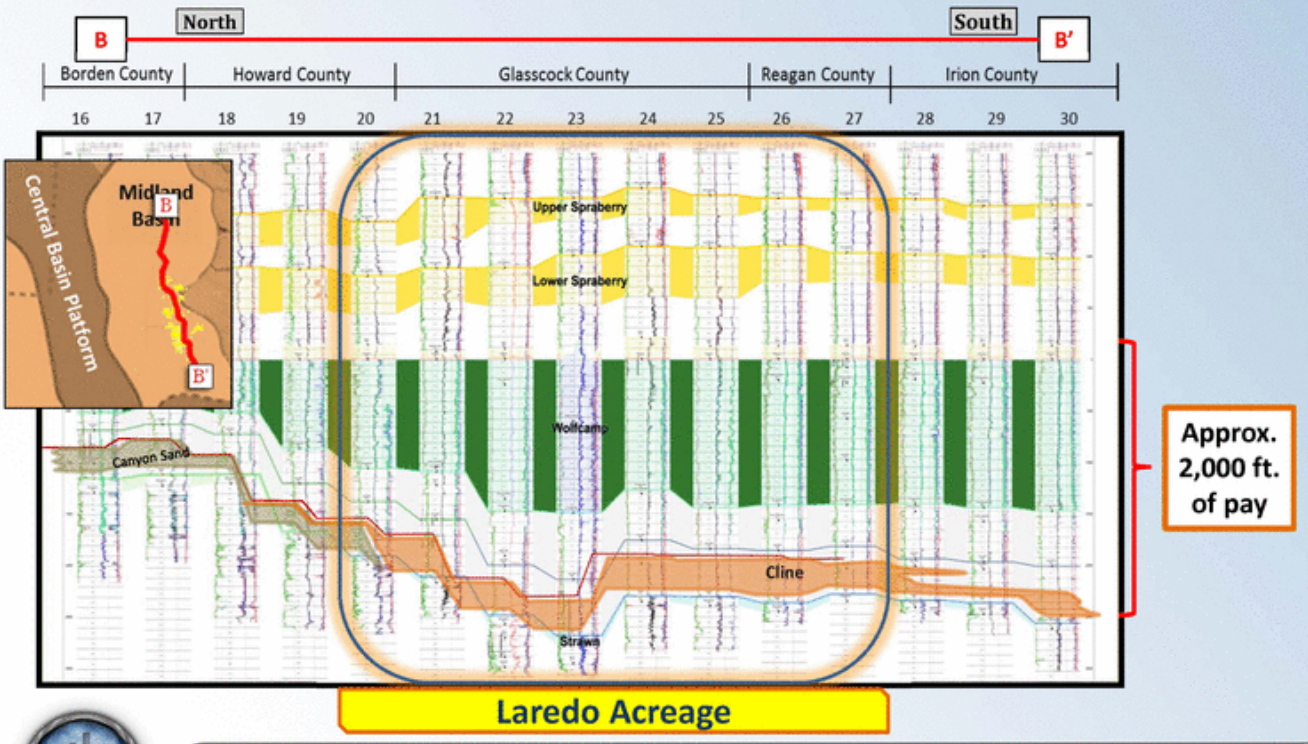
[1] ***Handford, C. Robertson (1981).*** *Sedimentology and Genetic Stratigraphy of Dean and Spraberry Formations (Permian), Midland Basin, Texas. AAPG Bull., v. 65, p 1602-1616.*

Laredo Situated Over Thickest Column of Sediment: W-E



[1] Modified from Core-Lab, 2013

Laredo Situated Over Thickest Column of Sediment: N-S



[1] Modified from Core-Lab, 2013

Laredo's Acreage Advantage

- Positioned over both the Cline and Wolfcamp depositional axis
- Situated over the thickest column of sediment
- Debris flows at deposition charged reservoir creates permeability that results in top-tier well performance

You need good rocks, and we have great rocks

You Must Be Able to Read Between the Lines

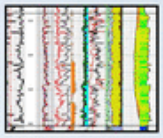
Geoscience Toolbox

Jeff Tanner
VP, Geosciences Technology and Exploration

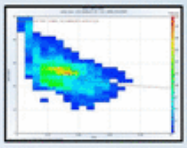
Science Enhances Value

Cores

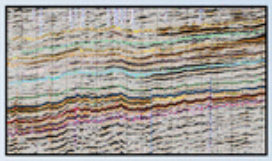
Logs



Reservoir characterization



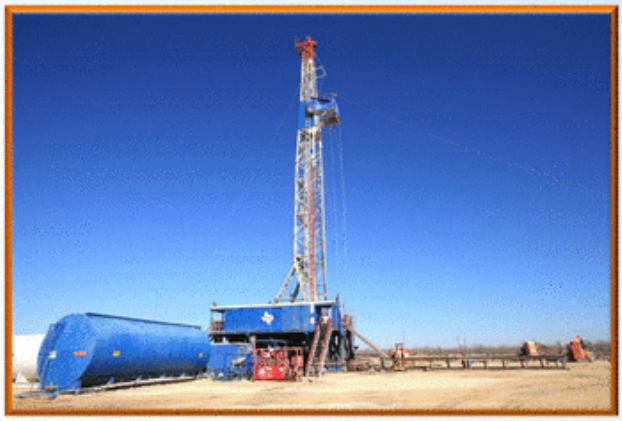
3D Seismic

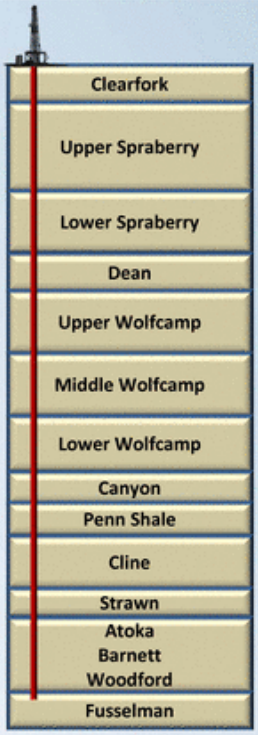


Optimize development plan - maximize shareholder value

Vertical Program Supports Science Gathering

Vertical Wolfberry program provides science/data for horizontal program tool box

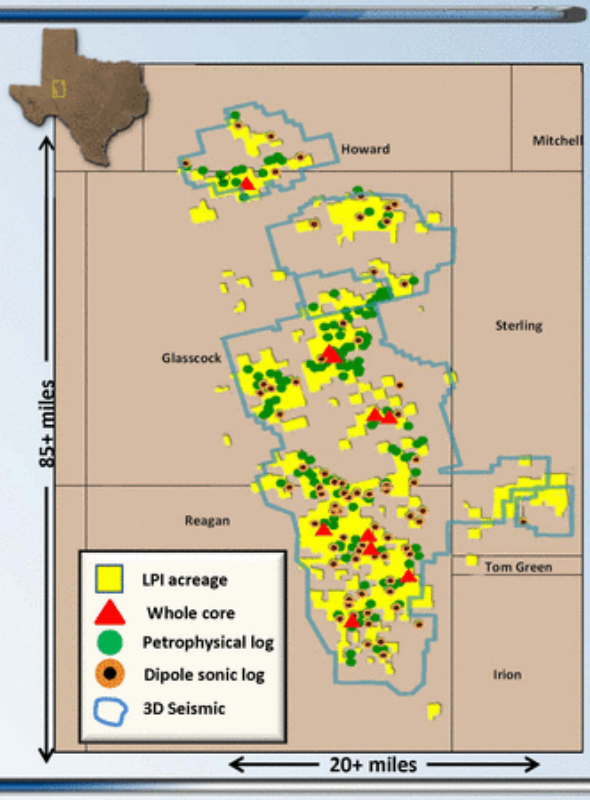




Information ⇨ Insight ⇨ Impact

Garden City Data Inventory [1]

- ~3,400' of whole cores in objective section
  - 13 whole cores
  - >650 SWC samples
- 34 single-zone tests from objective section (Spraberry to Ellenberger)
- >8,000 conventional open-hole logs
  - 207 in-house petrophysical logs
  - 80 dipole sonic logs
  - Fully core-calibrated
- 774 sq mi 3D Seismic
  - 95% coverage of Garden City acreage
  - >50% of seismic inventory is high-quality, proprietary 3D data

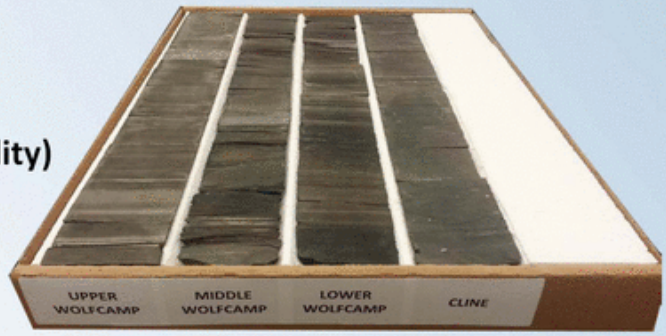


[1] As of 6/30/2013

Key Shale Rock Play Attributes

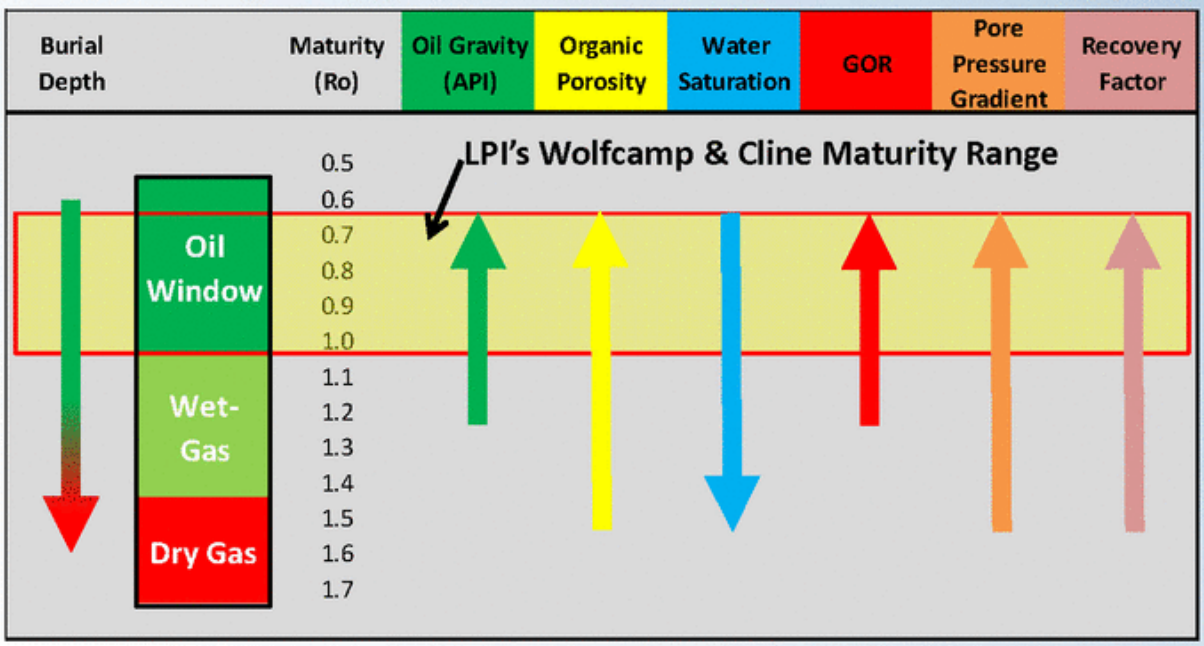
Integration of the shale petrophysical attributes has a direct correlation to the performance of a well

- Mineralogy (Brittleness)
- Porosity/Permeability (Rock Quality)
- Organic Richness (TOC)
- Thermal Maturity (Ro)
- Burial Depth



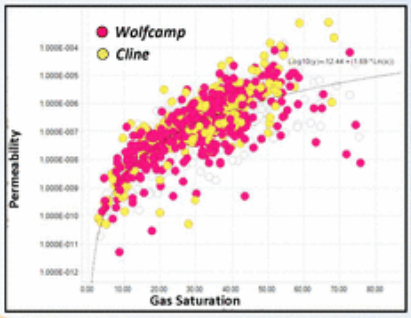
Actual Laredo Cores

Shale Geochemistry[1] – How it Works



[1] Laredo internal analysis modified from Core-Lab, 2012

Garden City Shale Reservoir Quality[1]

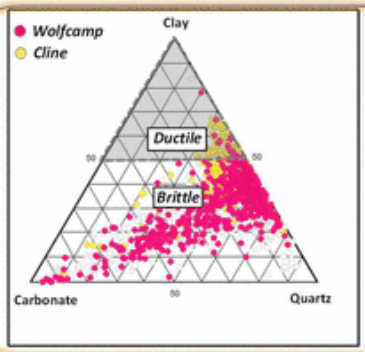


Rock Quality

Porosity

Permeability

Storage Capacity
Deliverability



Mineralogy

+

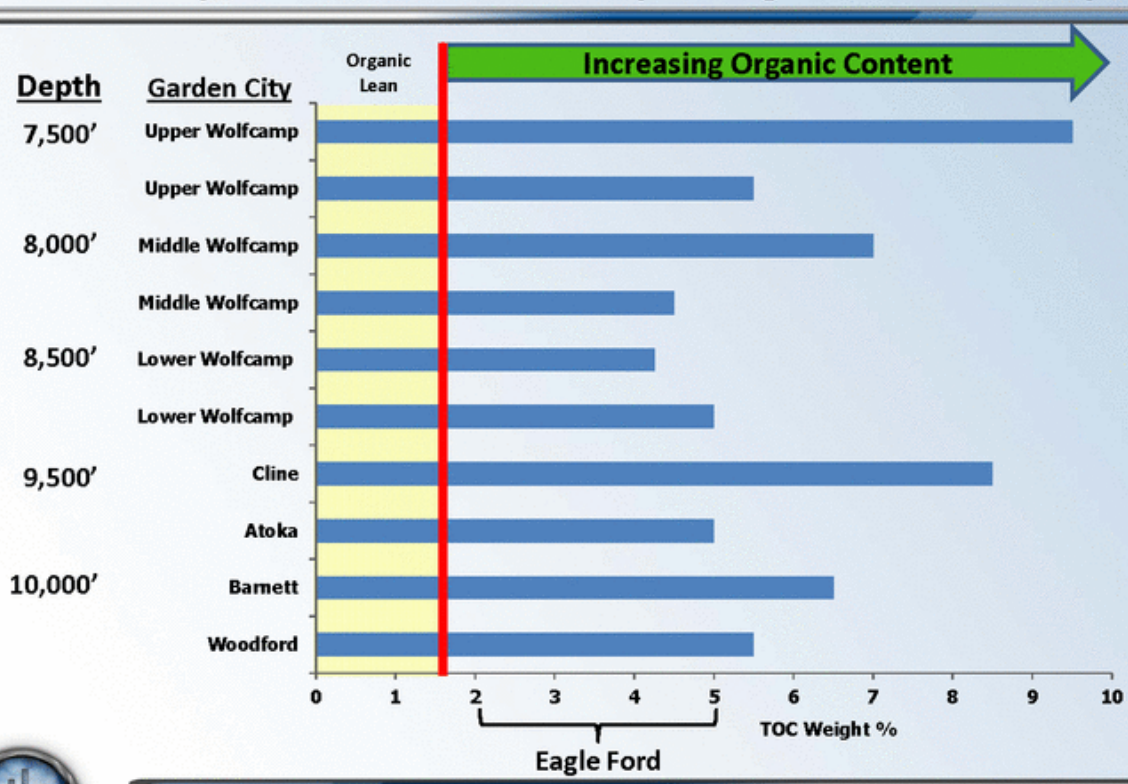
Low Clay Content

Natural Fractures

Brittleness
Fracability

[1] Laredo internal analysis modified from Core-Lab, 2012

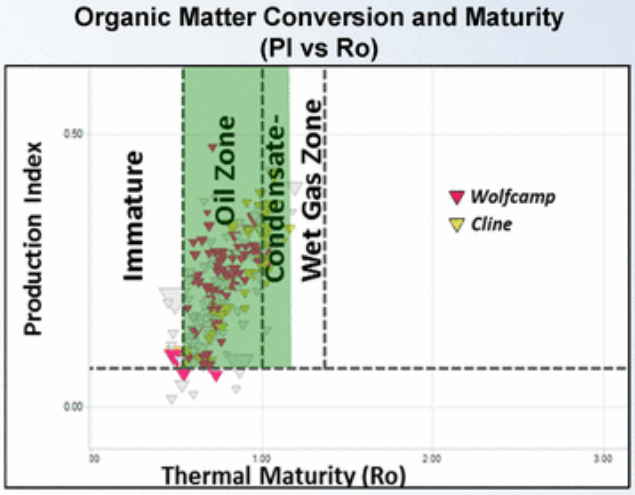
Garden City Shale Geochemistry – Organic Richness (TOC)[1]



[1] Laredo Internal analysis

Garden City Geochemistry – Thermal Maturity[1]

Maturity



Conversion of

TOC to Oil & Gas

More Oil
More Porosity
More Drive

[1] Laredo internal analysis modified from Core-Lab, 2012

Laredo's Permian-Garden City Shales[1]

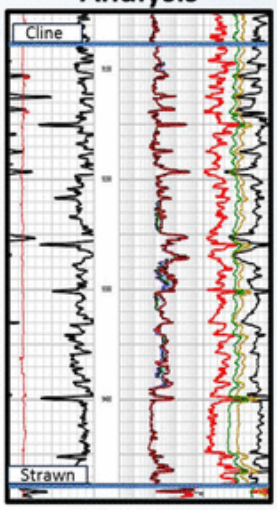
Significant oil in place in multiple stacked zones

	Spraberry	Wolfcamp	Cline	A/B/W	Combined
Depth (ft)	5,000 – 7,000	7,000 – 8,500	9,000 – 9,500	9,500 – 10,500	5,000 – 10,500
Average Thickness (ft)	1,500 – 2,000	1,500 – 2,000	250 – 350	350 – 400	3,600 – 4,750
TOC (%)	4.0 – 13.0	2.0 – 9.0	2.0 – 7.5	2.0 – 13.0	2.0 – 13.0
Thermal maturity (% RSO)	0.6 – 0.7	0.7 – 0.9	0.9 – 1.1	0.9 – 1.2	0.6 – 1.2
Total porosity (%)	6.0% – 16.0%	4.0% – 8.0%	5.0% – 8.0%	3.0% – 13.0%	3.0% – 16.0%
Clay content (%)	15 – 40	25 – 45	30 – 40	20 – 45	15 – 45
Pressure gradient (psi/ft)	0.40 – 0.50	0.45 – 0.50	0.55 – 0.65	0.55 – 0.65	0.40 – 0.65
OOIP (MMBOE/Section)	45 – 85	70 – 115	25 – 35	40 – 55	180 – 290

[1] Properties from proprietary LPI core analysis

Laredo's Proprietary Analysis

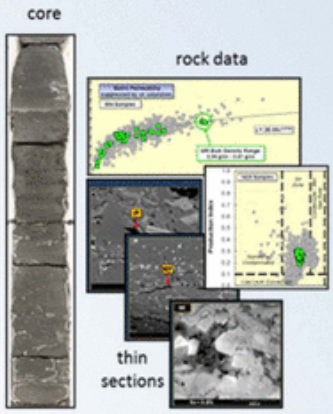
Basic Industry Log Analysis



Open-Hole Logs

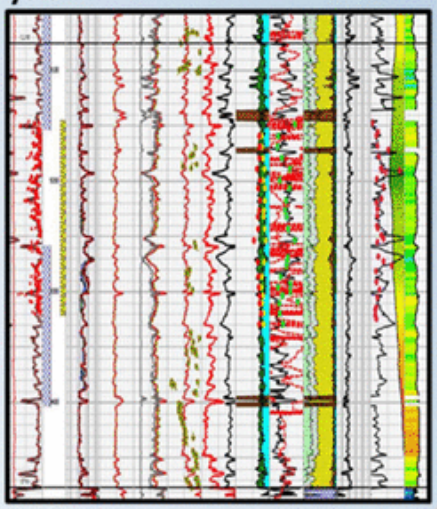
+

Advanced LPI Proprietary Analysis



Cores / Science

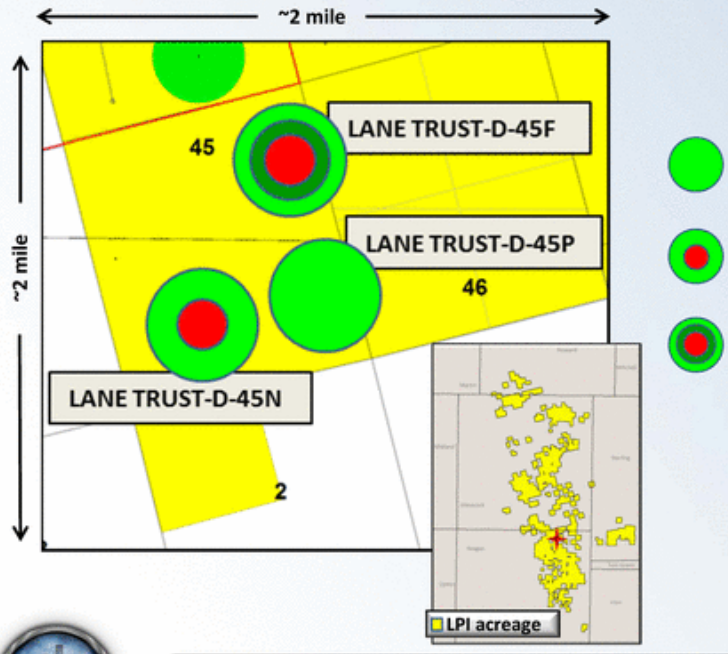
=



LPI Proprietary Analysis

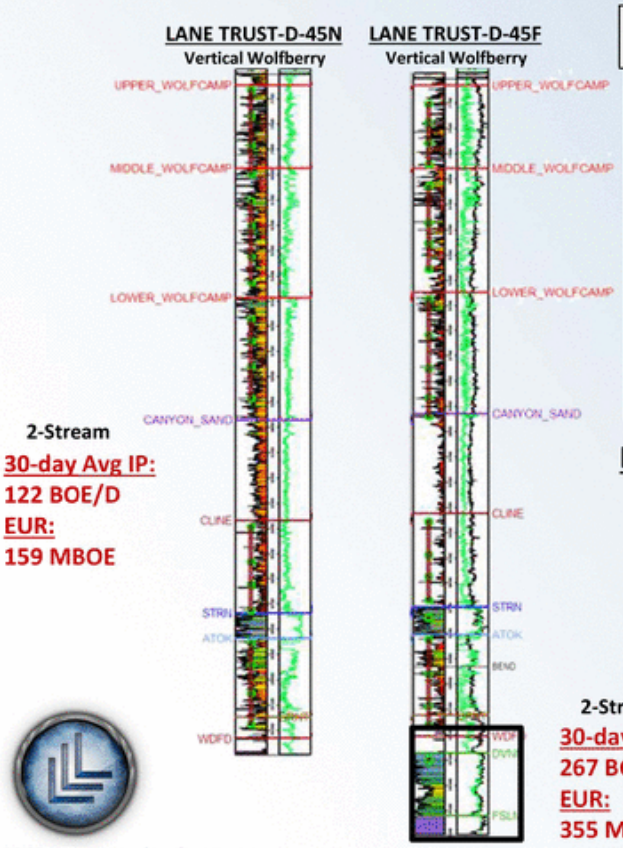
Science Impact to Vertical Program

Three vertical wells in the same section



Well Name	Basic logs	Adv logs	Seismic	EUR MBOE
Lane Trust-D-45P	✓			90
Lane Trust-D-45N	✓	✓		159
Lane Trust-D-45F	✓	✓	✓	355

Science Makes Good Acreage Better

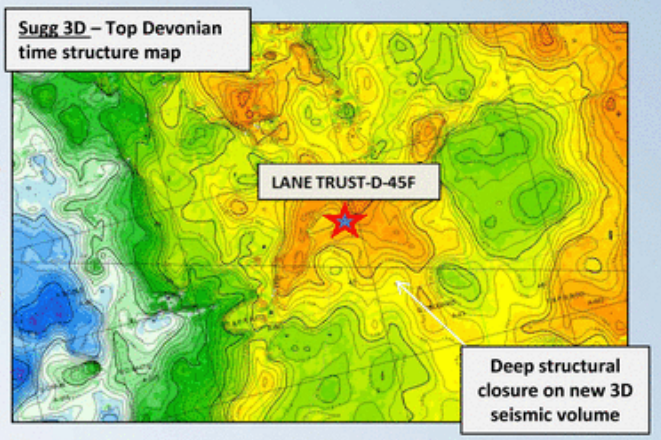


2-Stream

30-day Avg IP:
122 BOE/D
EUR:
159 MBOE

2-Stream

30-day Avg IP:
267 BOE/D
EUR:
355 MBOE

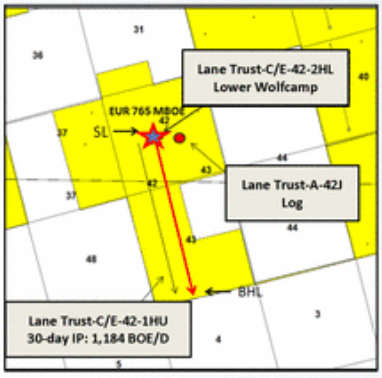


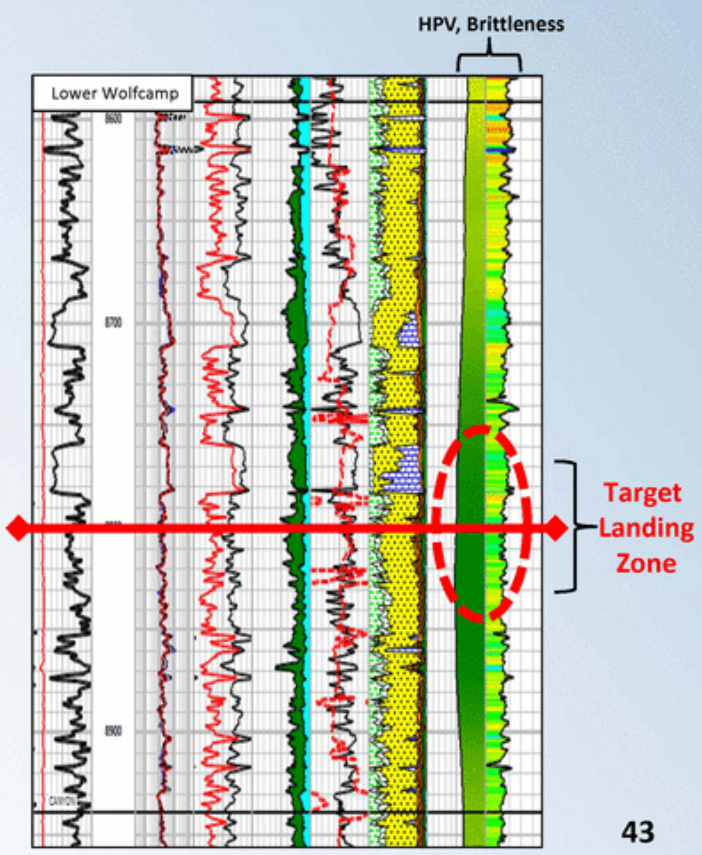
Lane Trust-D-45F Deep Completion

- Mapped productive structure on proprietary 3D
- Drilled reservoir quality limestone in deep section
- Completed additional section in well to optimize hydrocarbon recovery

Science Impact to Horizontal Program

- Based on analysis of the advanced log suite
  - Highest HPV in the interval
  - Most brittle rock in the interval
  - Low frac gradient for optimal stimulation
- Landed lateral in Lower Wolfcamp shale
- Well tested 1,217 BOE/D average 30-day IP (2-Stream)



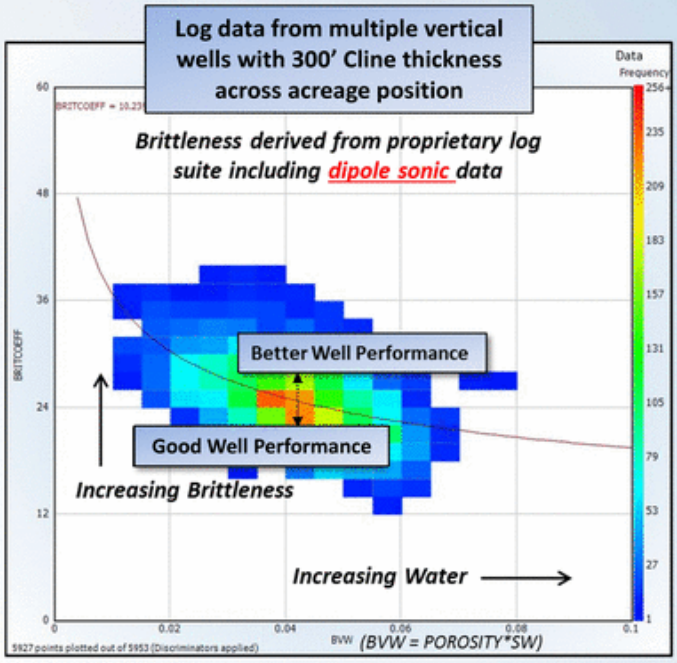


Understanding Fracability is a Key

"Fracability" = brittle shales that hydraulically fracture during completion work the best

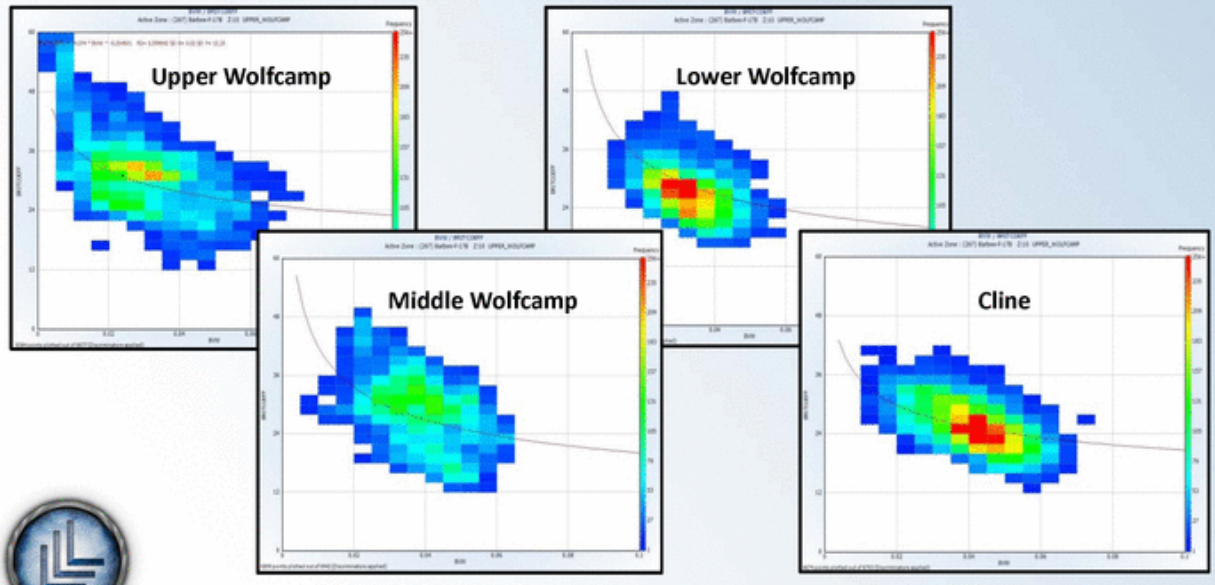
ROCK MECHANICS

Calibrated dipole sonic data to our cores

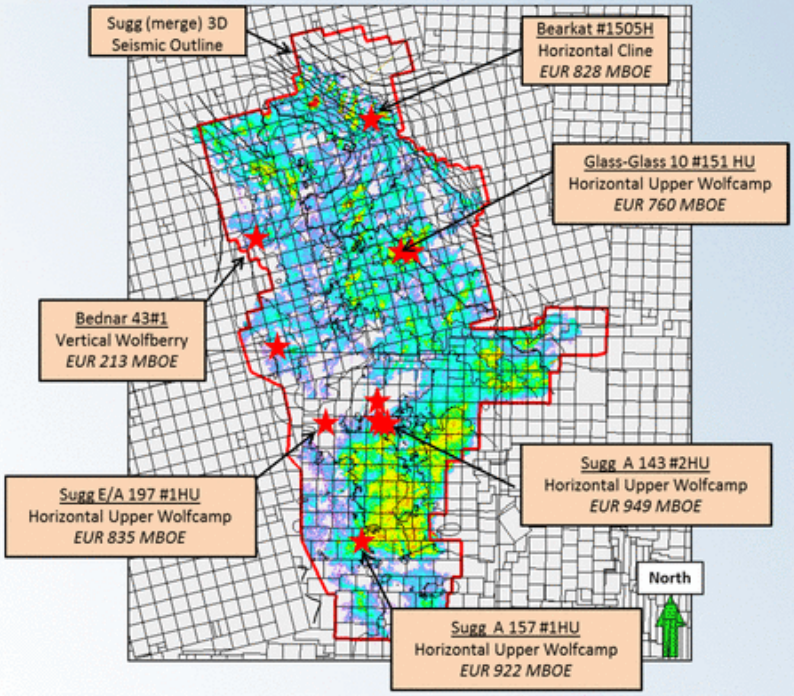


Applying Fracability to All Proven Zones

- Log brittleness helps in targeting all four producing horizontal intervals
  - Brittleness is a function of clay and water content
  - Brittle rock targeted in landing laterals
- Brittleness predictions assist in frac design

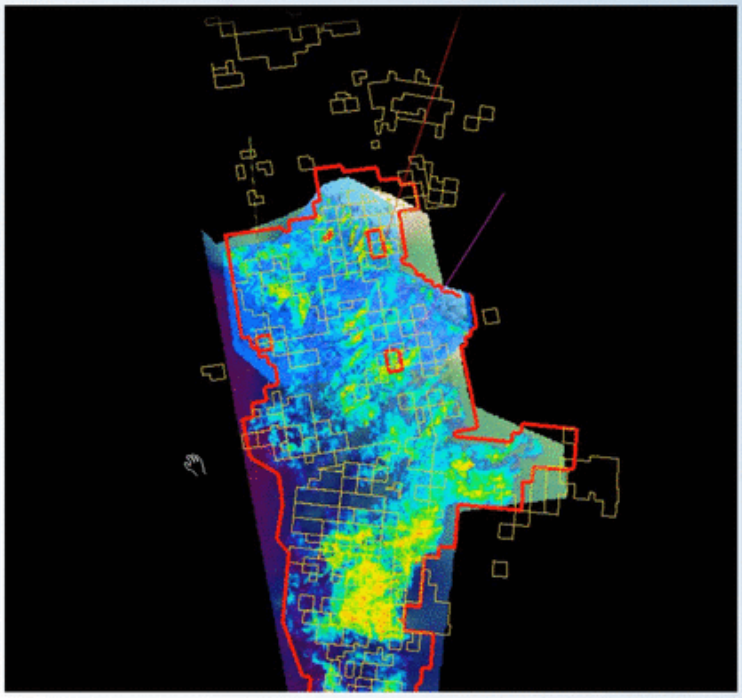


Making Better Acreage Great Through 3D Seismic



More science makes better acreage great!

Making Better Acreage Great Through 3D Seismic



Unconventional Resource Play: Permian-Garden City

- **Source Rock (the source is the reservoir)**

- **Reservoir Geometry Attributes**

Attribute	Garden City Checklist
Basin Depositional Framework	✓
Areal Extent	✓
Thickness	✓

- **Reservoir Shale Rock Attributes**

Mineralogy (Brittleness)	✓
Porosity / Permeability (Rock Quality)	✓
Organic Richness (TOC)	✓
Thermal Maturity (Ro)	✓
Burial Depth	✓
Oil in Place	✓

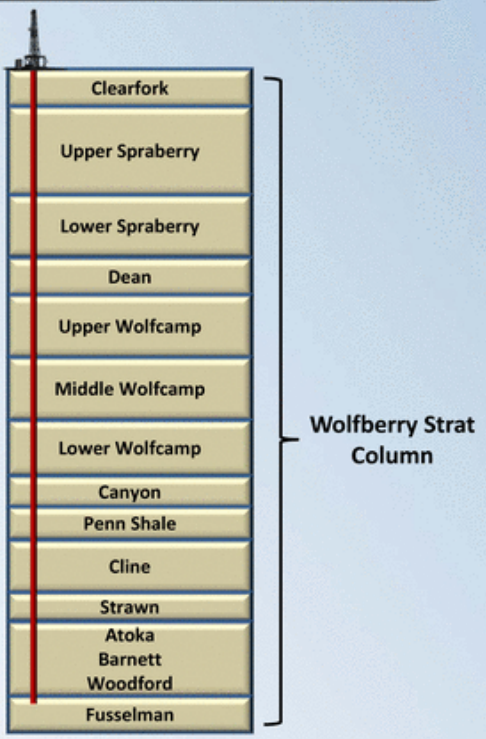
You Can't Argue With the Facts . . .
And We Have Lots of Them

Historical Drilling Activity

John Whitehead
VP, Operations and Engineering

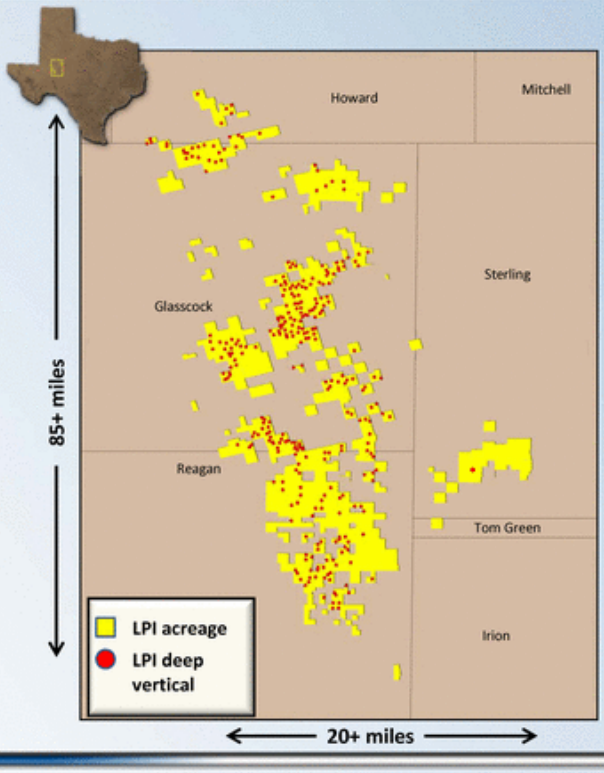
Vertical Wolfberry Program

- Solid rate of return
- Impressive well results
- Holds acreage position
- Captures meaningful geoscience data for the horizontal program



Vertical Wolfberry: Confirms Quality of Acreage[1]

- >800 vertical Wolfberry wells across acreage
  - >300 deep vertical Wolfberry wells through the Atoka
- Average well density is approximately one well per 200 acres across acreage
- >20% rate of return



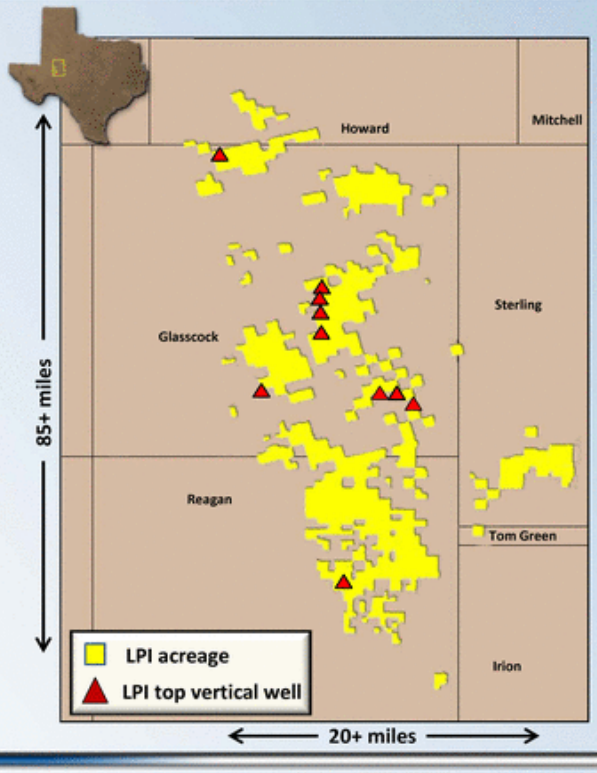
[1] As of 6/30/2013

Vertical Wolfberry: Strong Results Across Acreage

2- Stream Production Data[1]

Well Name	24-Hr Avg IP	30-Day Avg IP
Vertical	*BOE/D*	*BOE/D*
SUGG-C-165C	1,389	630
Curry 14 #2	880	451
Guthrie Trust A #1901	730	440
Calverly 44 #2	560	397
Calverley 5A #1	416	393
Bearkat #804	606	377
Lazy E #901	536	374
Lacy Creek 24 #1	514	367
Halfmann 30 #1	496	366
Cox-Bundy 16 #1	419	364

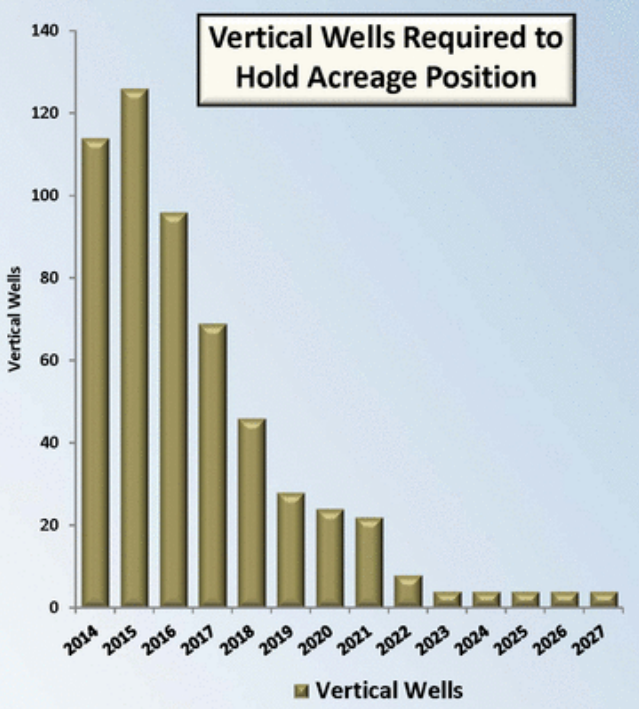
Results support quality horizontal program across the acreage position



[1] As of 6/30/2013

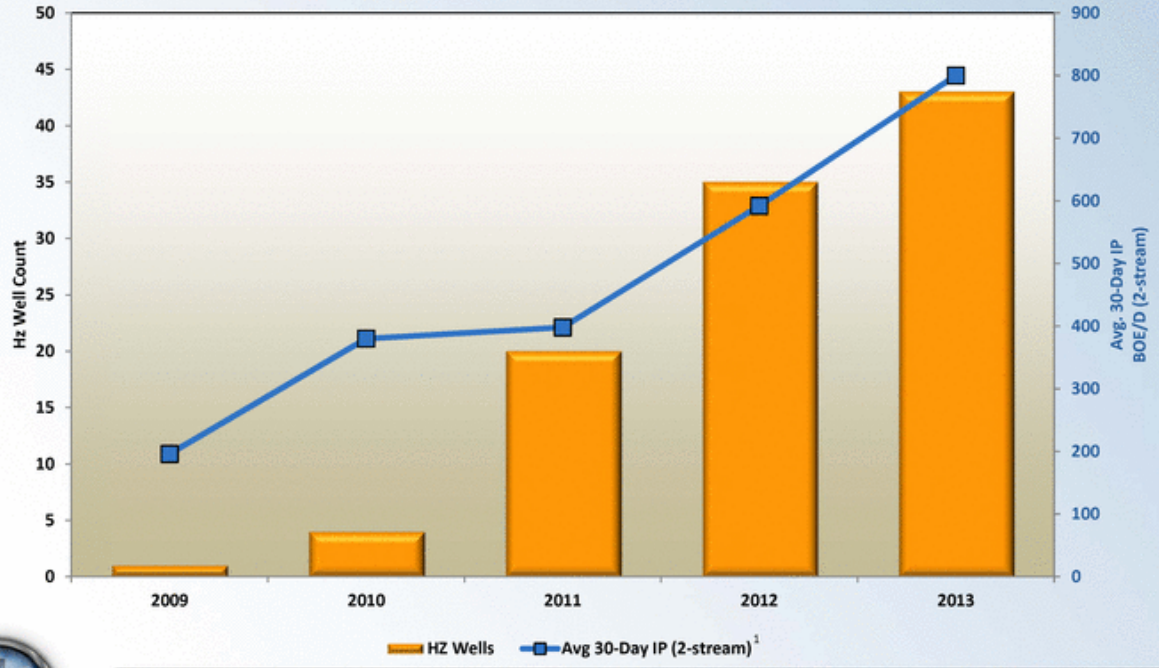
Vertical Wolfberry: Holds Acreage

- Vertical Wolfberry maintains acreage position
- Minimal capital required for vertical program
- Captures meaningful geoscience data for the horizontal program



Active Horizontal Program Continually Optimized

LPI's Historic Midland Basin Hz Activity



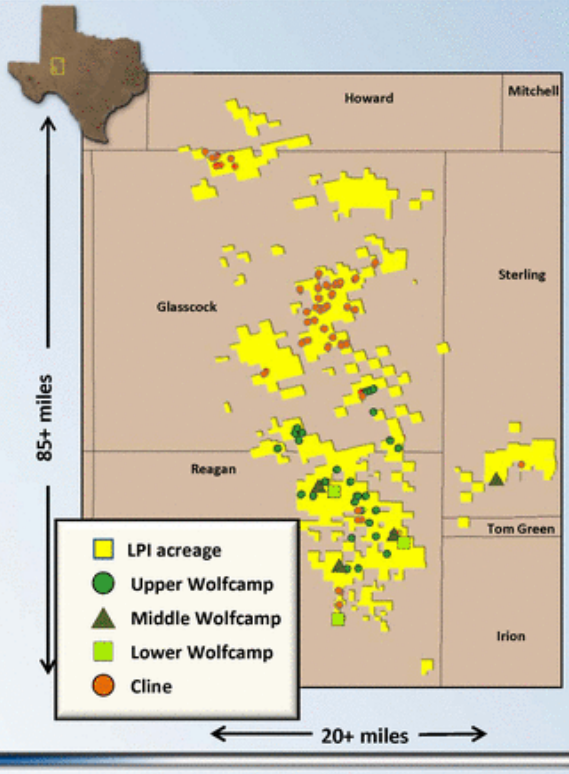
[1] 2013 rate based upon wells completed as of 6/30/2013 that had 30 days of production beyond their peak as of 8/1/2013

Proven Multi-zone Horizontal Performance

Average 30-day IP results from the Upper, Middle and Lower Wolfcamp at high end or exceeding type curve

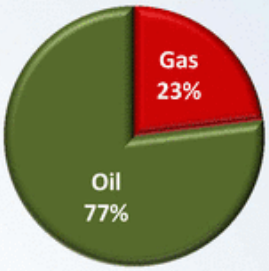
Horizontal Zone	Total # of Completions[1]		Long Lateral 30-Day Average IP[2]
	Short Lateral	Long Lateral	*BOE/D 2-Stream*
Upper Wolfcamp	7	24	716
Middle Wolfcamp	1	3	946
Lower Wolfcamp	0	4	861
Cline	31	5	502

✔ Commercial development has been proven for all four zones from 75 horizontal wells



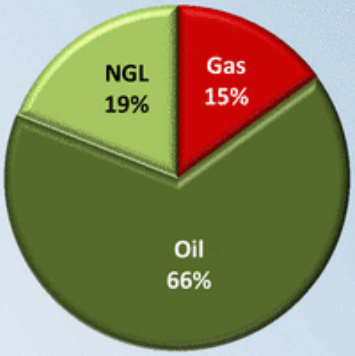
[1] Well completions as of 6/30/2013
[2] Based on long lateral completions of over 6,000 ft with at least 30 days of production history past peak production as of 8/1/2013

Horizontal 3-Stream Conversion



Upper Wolfcamp
Hypothetical Well

15%-20% Increase



2-Stream - Wellhead

30-Day IP

Wet Gas: 986 Mcf/D
Oil: 550 Bbl/D
Total: 715 BOE/D

986 Mcf/D Wellhead Gas
% of Total Volume: 23%

550 Bbl/D Wellhead Oil
% of Total Volume: 77%

Conversion

740 Mcf/D Gas
Shrinkage Factor: 25%

158 Bbl/D NGL
Yield: 160 Bbl / Wellhead MMcf

3-Stream

Natural Gas
% of Total Volume: 15%

NGL
% of Total Volume: 19%

Oil
% of Total Volume: 66%

30-Day IP
Dry Gas: 740 Mcf/D
NGL: 158 Bbl/D
Oil: 550 Bbl/D
Total: 831 BOE/D

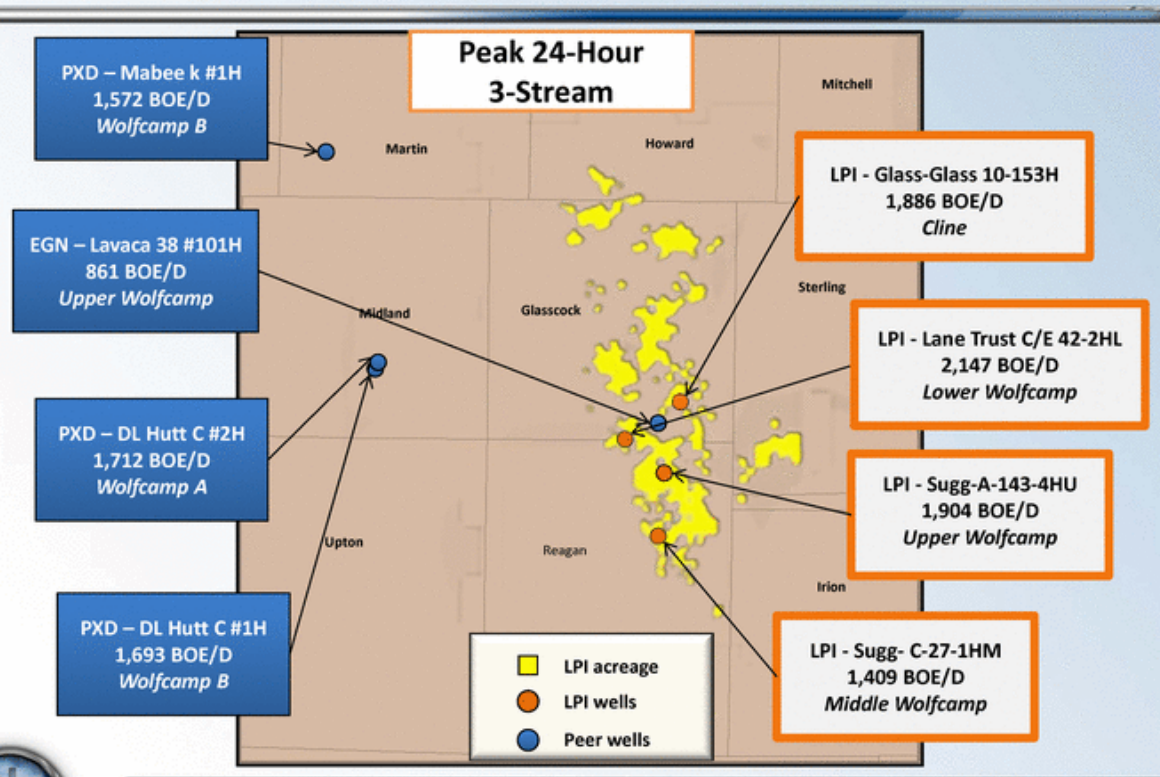
Top-Tier Results From Each Horizon

Well Name	Zone	Date Completed	Lateral Length	24-Hour Peak IP	30-Day Average IP
			feet	*BOE/D 3-Stream*	*BOE/D 3-Stream*
Sugg A 143 HU	Upper Wolfcamp	6/6/2013	7,033	1,904	1,290
Sugg-C-27-1HM	Middle Wolfcamp	11/8/2012	7,745	1,409	1,128
Lane Trust C/E 42-2HL	Lower Wolfcamp	6/21/2013	7,571	2,147	1,406
Glass-Glass 10-153H	Cline	8/7/2013	6,933	1,886	1,331 [1]

Our top wells, in each respective zone, were completed within the last year

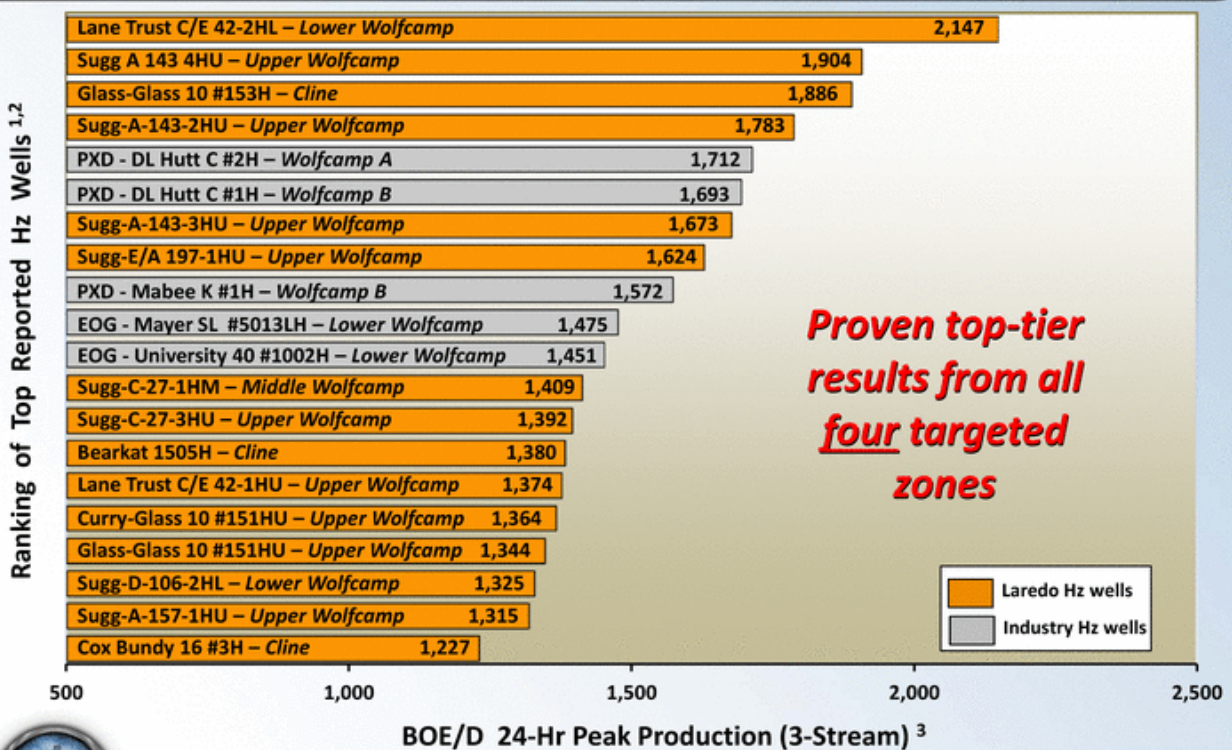
[1] Projected 30-day avg. IP based upon 22 days of production

Notable Industry Wells vs Laredo's Top Wells[1]



[1] Source: Company public documents

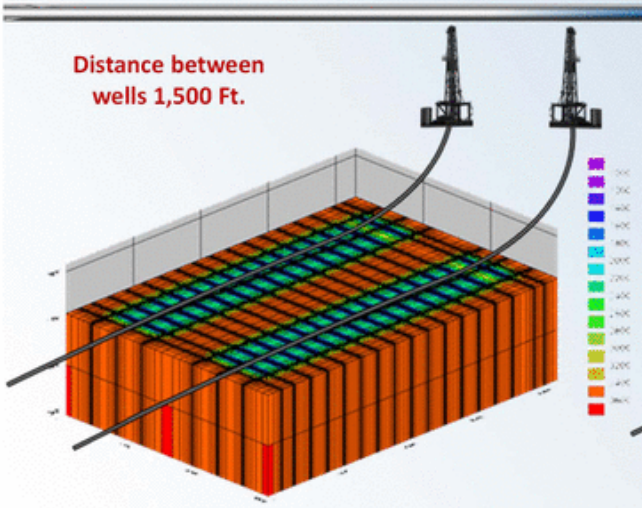
Laredo's Wells are Among the Best in the Midland Basin



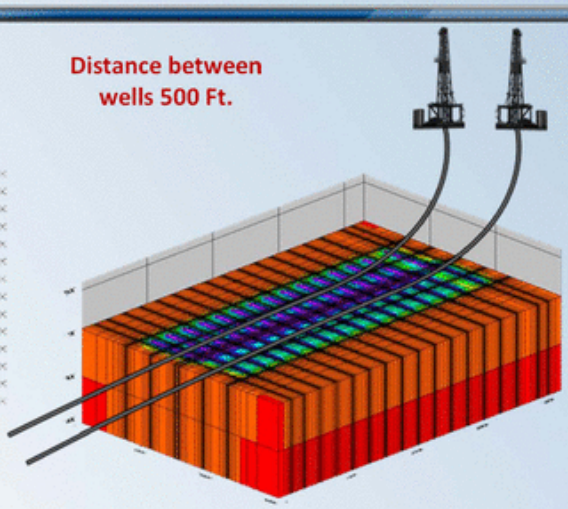
[1] Intended to be comprehensive, but may not include all non-Laredo wells
[2] Source: Company's public documents
[3] Laredo presents on a 2-stream basis. For the purpose of this comparison, LPI production has been converted to 3-stream

Lateral Spacing Reservoir Simulation[1]

Distance between wells 1,500 Ft.



Distance between wells 500 Ft.



Reservoir Modeling Goals

- Optimize economics
  - Maximize recovery
  - Minimize wells
- Plan with life-cycle in mind

20-year reservoir drainage simulation supports 660-ft spacing for initial development phase

[1] Reservoir simulations resulted from joint project with Halliburton

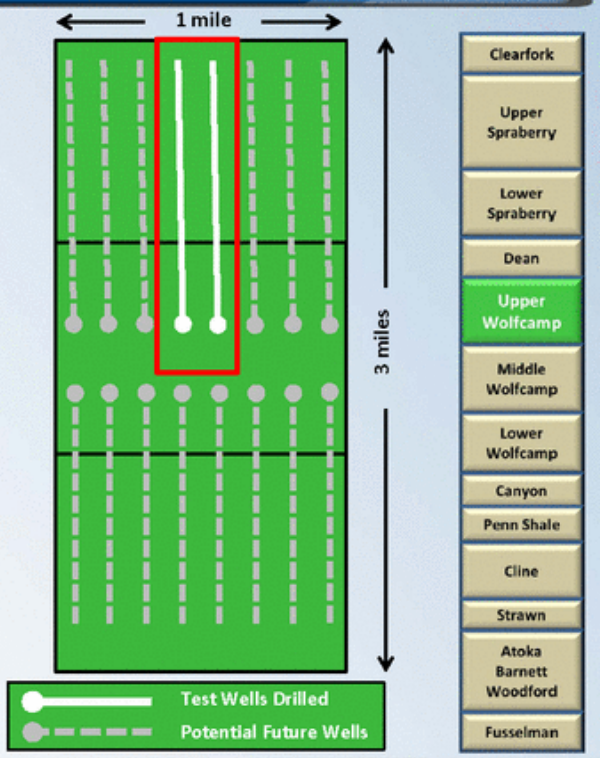
Side-by-Side Conceptual Design

Side-by-Side Design

- Two side-by-side wells both drilled in one zone
- Lateral lengths: 7,000 – 7,500 feet
- Spacing: 660 feet

Objectives

- Optimize spacing
- Minimize interference
- Frac design and monitoring
- Frac optimization

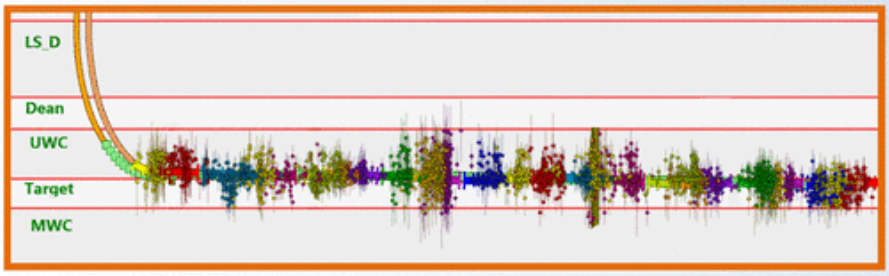


Microseismic Data Supports Development Concept

Preliminary Subsurface Data

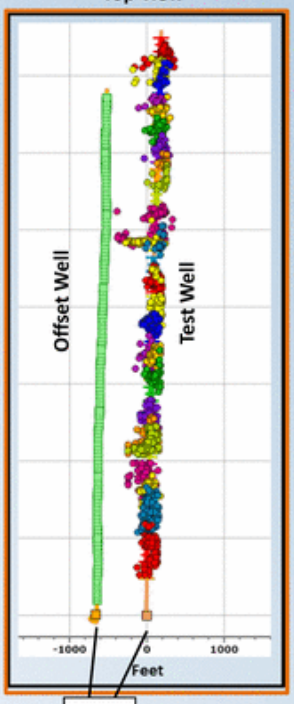
- Supports 660-ft lateral spacing
- Average frac height 230 feet
- Confirmed primary fracture azimuth

Cross-section view



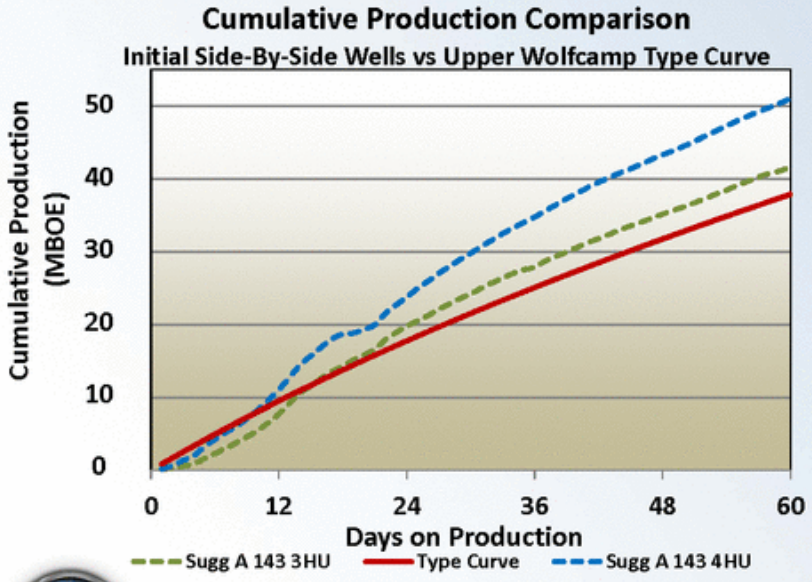
Actual side-by-side data: colors represent frac stages

Top view



Side-by-Side Program Early Results

Initial results are supporting 660-ft spacing



2-Stream Production and Type Curve CUM data

Sugg A 143 4HU

	CUM Production		
	Bbl	Mcf	BOE
1 month	23,532	37,604	29,799
2 month	37,709	79,636	50,982

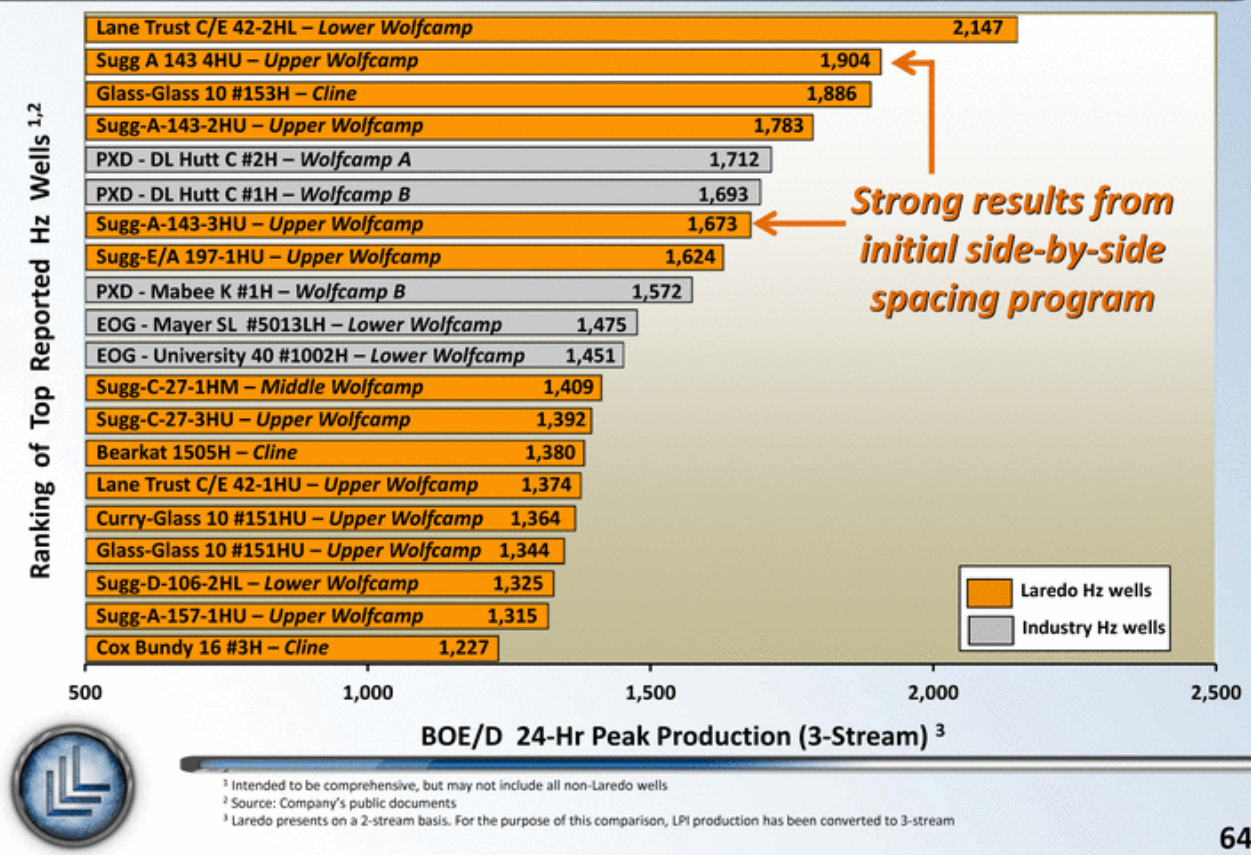
Sugg A 143 3HU

	CUM Production		
	Bbl	Mcf	BOE
1 month	18,370	35,171	24,232
2 month	30,363	67,408	41,598

Upper Wolfcamp Type Curve

	CUM Production		
	Bbl	Mcf	BOE
1 month	16,650	29,342	21,540
2 month	28,851	54,227	37,889

Laredo's Wells are Among the Best in the Midland Basin



[1] Intended to be comprehensive, but may not include all non-Laredo wells
[2] Source: Company's public documents
[3] Laredo presents on a 2-stream basis. For the purpose of this comparison, LPI production has been converted to 3-stream

660-ft Horizontal Spacing Confirmed

Initial development phase will utilize 660-ft spacing of lateral, supported by:

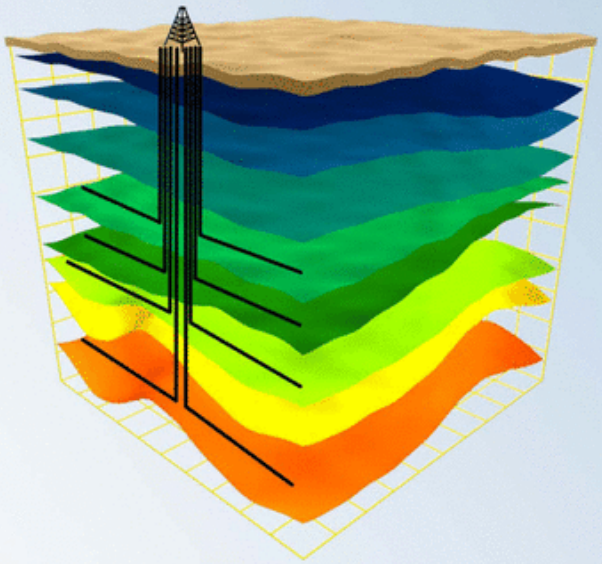
- **Reservoir modeling**
- **Microseismic data gathered**
- **Initial Upper Wolfcamp side-by-side results**

Science / data driven approach has accelerated our lateral spacing optimization by 2-3 years

Conceptual Stacked Lateral Program

Stacked Lateral Design

- Evaluate multi-well stacked laterals
- Lateral lengths:
  - 7,000 – 7,500 feet
- Test pad layout and scheduling of operations on multi-well pads
- Test 2-stack, 3-stack and 4-stack lateral designs



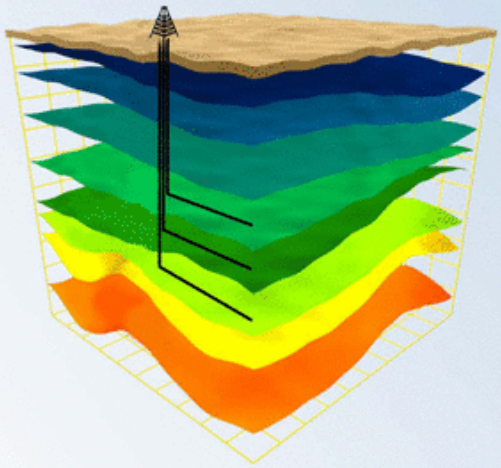
Additional zones with upside potential

Stacked Lateral Program

First 3-well stacked pad currently fracing; initial production impact in 4Q-13

Objectives

- Optimize vertical distance between laterals
- Minimize interference
- Optimize frac design and monitoring



Additional zones with upside potential

Laredo's Drilling Success

- Horizontal wells from each horizon among the best in the Midland Basin
- More than 75 horizontal wells drilled in the Midland Basin
- Determined appropriate lateral spacing for development program

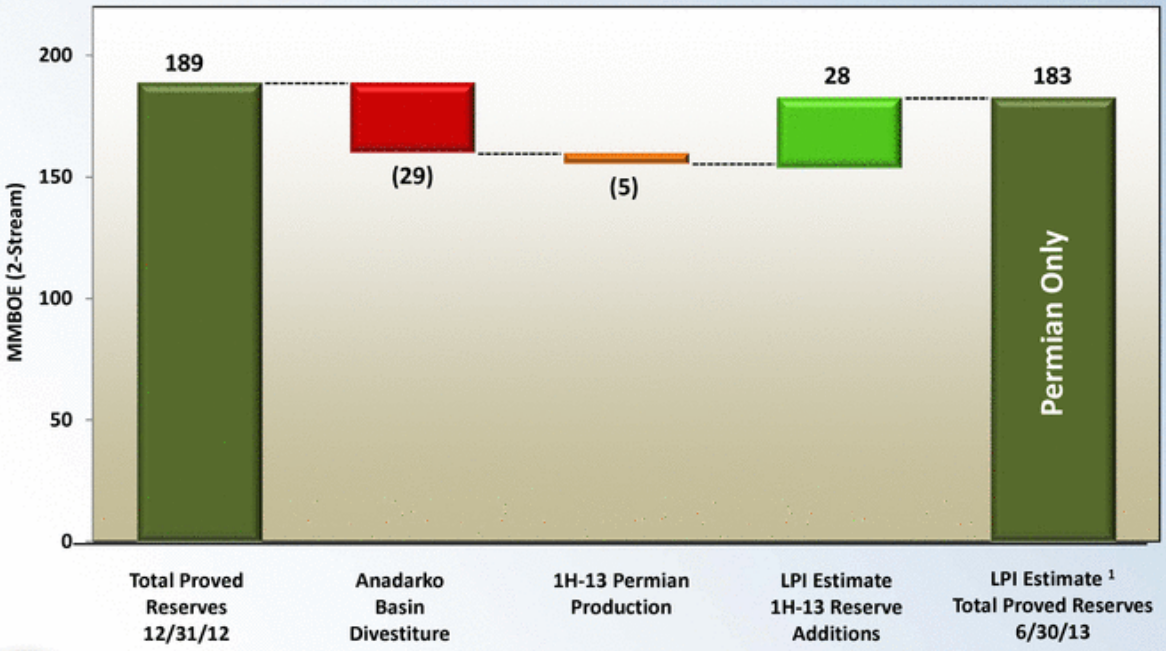
The facts speak for themselves

When To Book . . .
The Resource is There

Reserves & Resource Potential

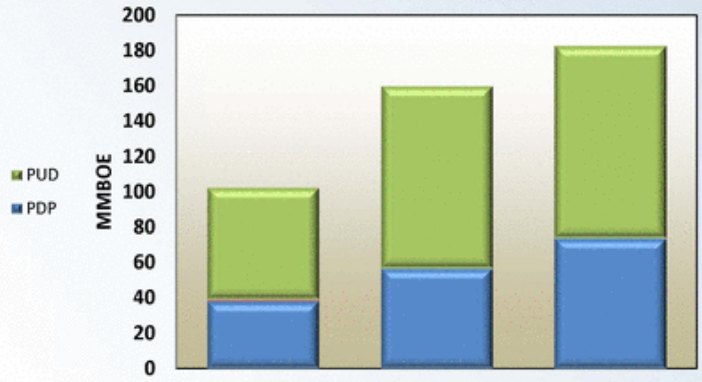
Gary Smallwood
VP, Reservoir Modeling and Field Development Planning

2013 Mid-Year Reserve Update



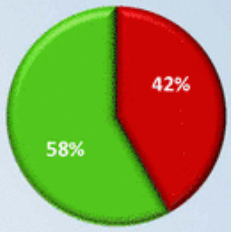
[1] Internal estimate, 2-stream, as of 6/30/2013, presented on a pro-forma basis for the Anadarko Basin assets divestiture

2013 Mid-Year Permian Reserve Update

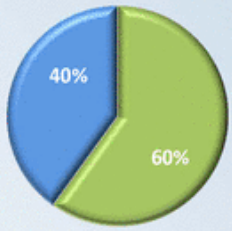


	Ryder Scott		LPI Internal Est. [1]
	12/31/2011	12/31/2012	6/30/2013
Permian Total Proved (MMBOE)	101	160	183
PV-10 ($B)	$1.4	$2.2	$2.6

Continued Permian growth in proved developed reserves



Oil Natural Gas (>1,300 btu)



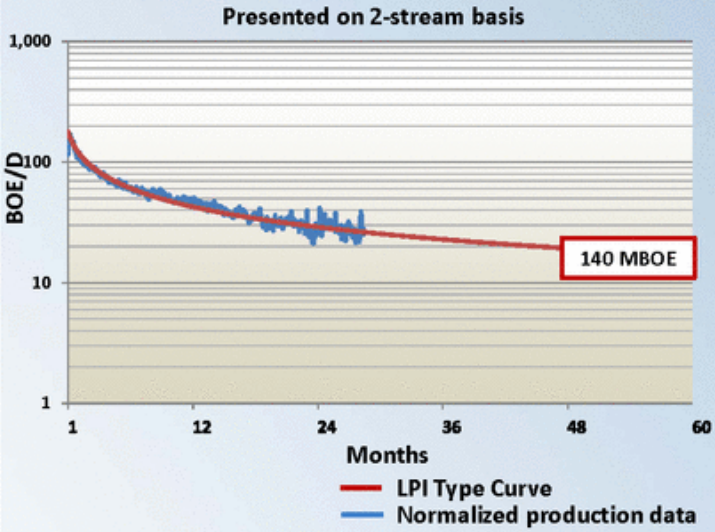
Proved Developed Proved Undeveloped

[1] Internal estimate, 2-stream, as of 6/30/2013, presented on a pro-forma basis for the Anadarko Basin assets divestiture

Vertical Wolfberry

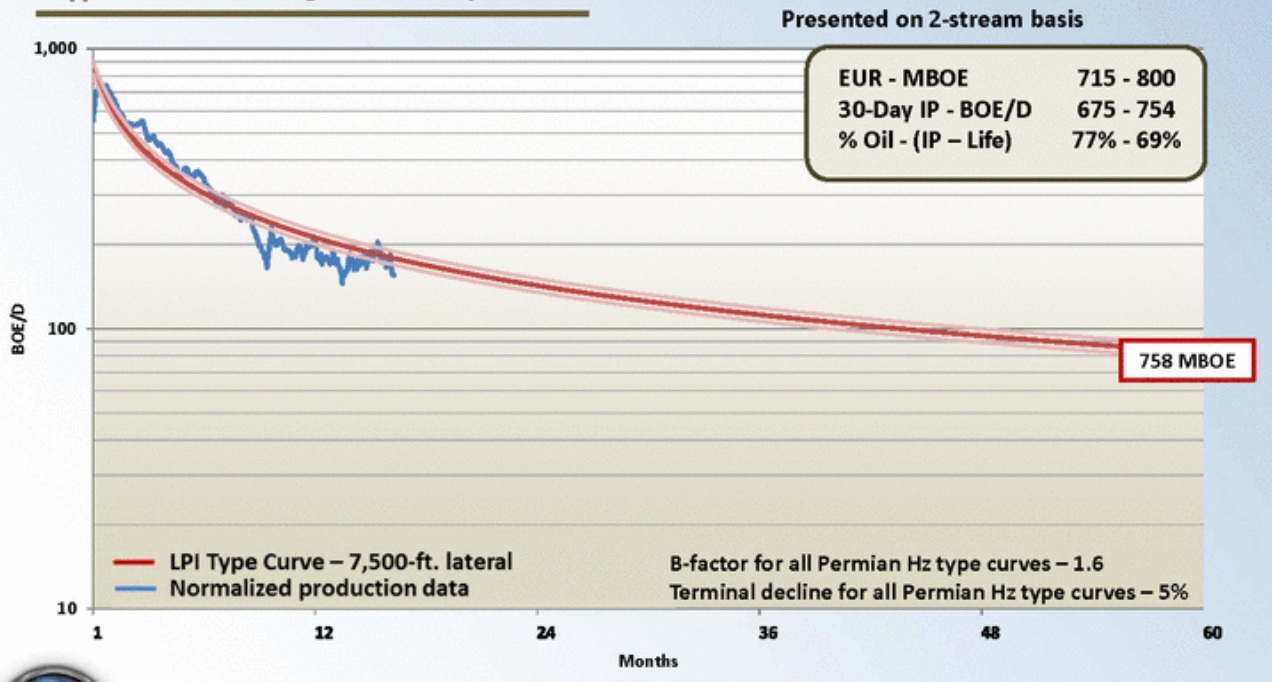
Deep Vertical Wolfberry

- Normalized production data for >300 deep vertical Wolfberry wells shown
- Working to drive down costs



Hz Upper Wolfcamp Type Curve

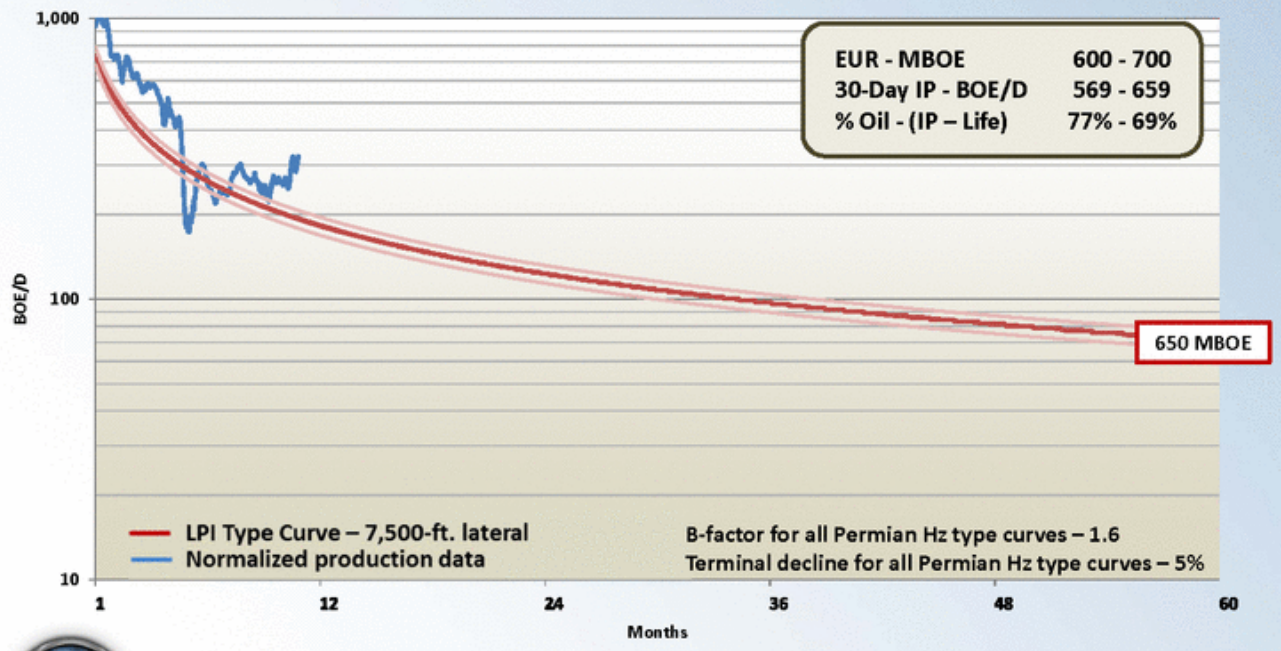
Type Curve – 23 long lateral wells presented



Hz Middle Wolfcamp Type Curve

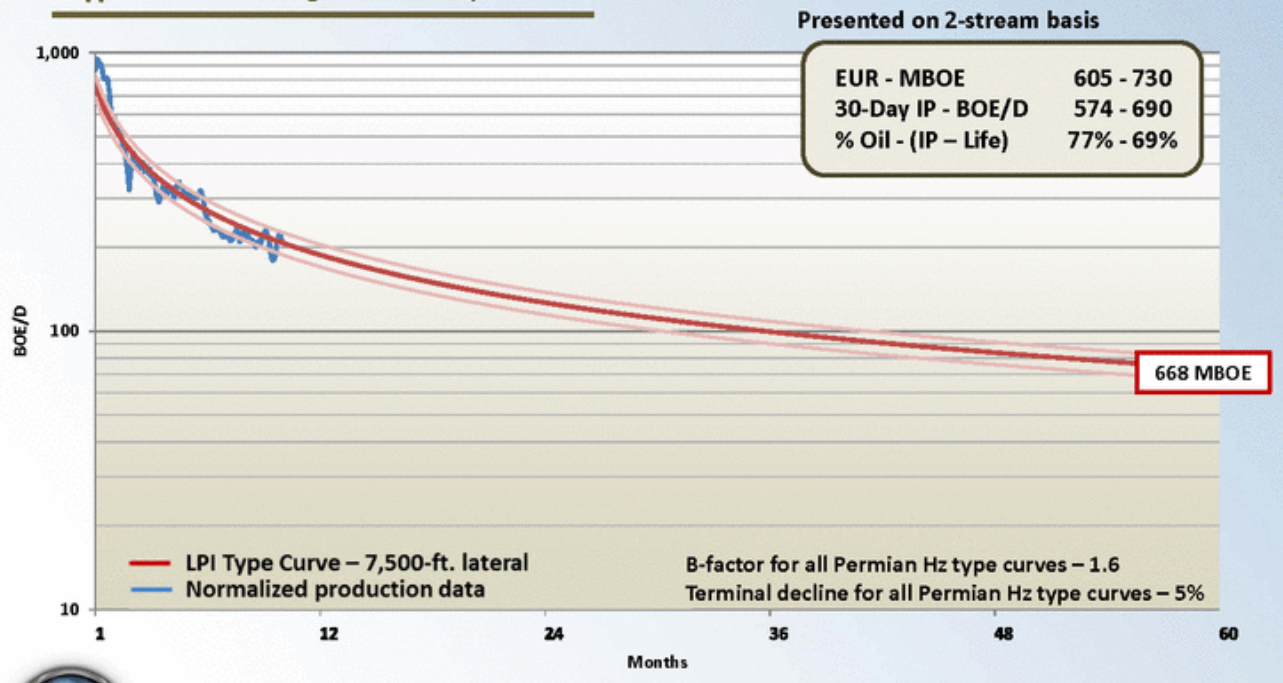
Type Curve – 2 long lateral wells presented

Presented on 2-stream basis



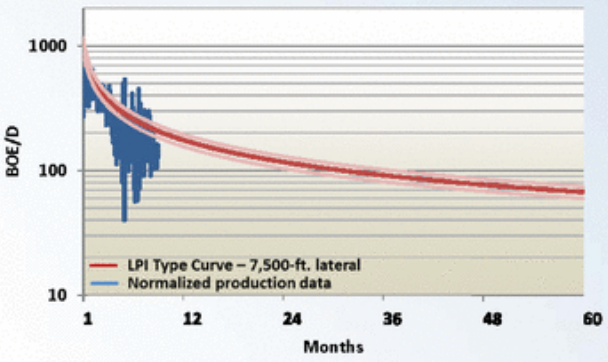
Hz Lower Wolfcamp Type Curve

Type Curve – 4 long lateral wells presented

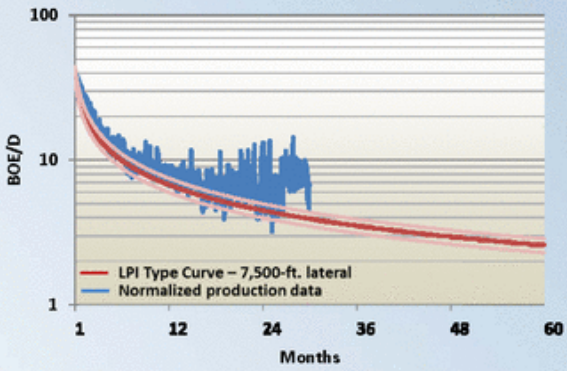


Hz Cline Type Curve

4 Long lateral wells presented



BOEPD/Frac Stage normalized data from 35 wells presented



EUR - MBOE	550 - 690
30-Day IP - BOE/D	663 - 828
% Oil - (IP – Life)	77% - 69%

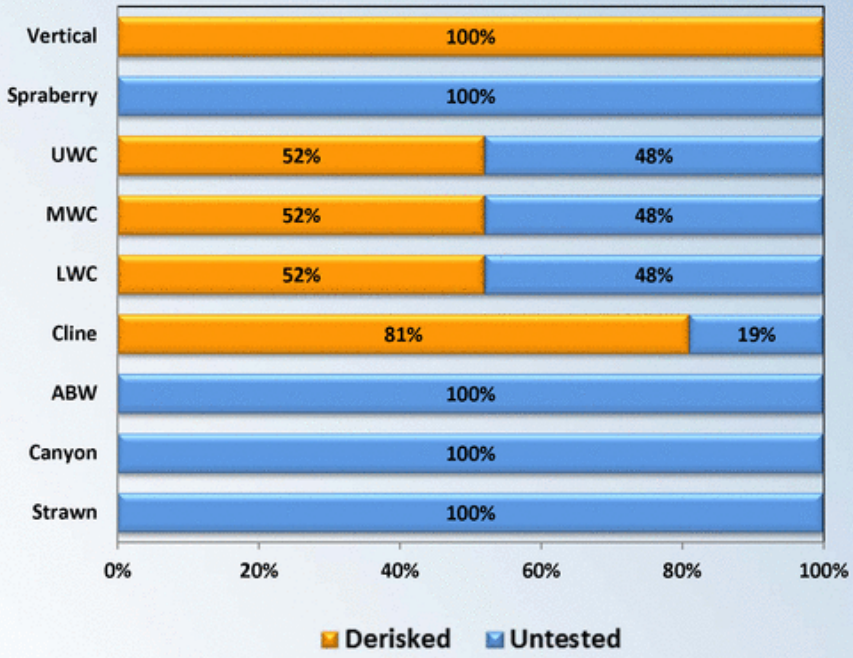
B-factor for all Permian Hz type curves – 1.6
Terminal decline for all Permian Hz type curves – 5%

Presented on 2-stream basis

Multi-Zone Resource Potential

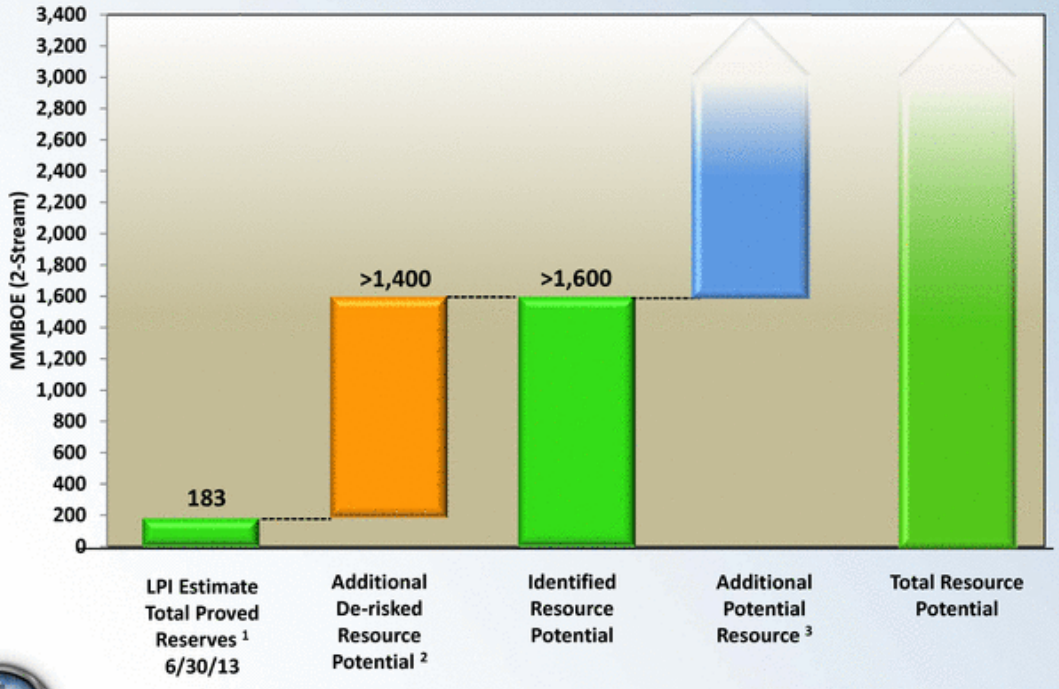
De-risked Acreage

- Vt wells
- Core analysis
- Seismic data
- Single-zone test
- Hz well test



We believe ongoing delineation activities will confirm prospective acreage

Identified Resource Potential



[1] Internal estimate, 2-stream, as of 6/30/2013, presented on a pro-forma basis for the Anadarko Basin assets divestiture
[2] Based upon un-booked identified well locations for vertical Wolfberry's and horizontal wells in the Upper Wolfcamp, Middle Wolfcamp, Lower Wolfcamp and Cline
[3] Includes potential locations on acreage not de-risked by Hz wells, additional zones for Hz development and potential down-spacing

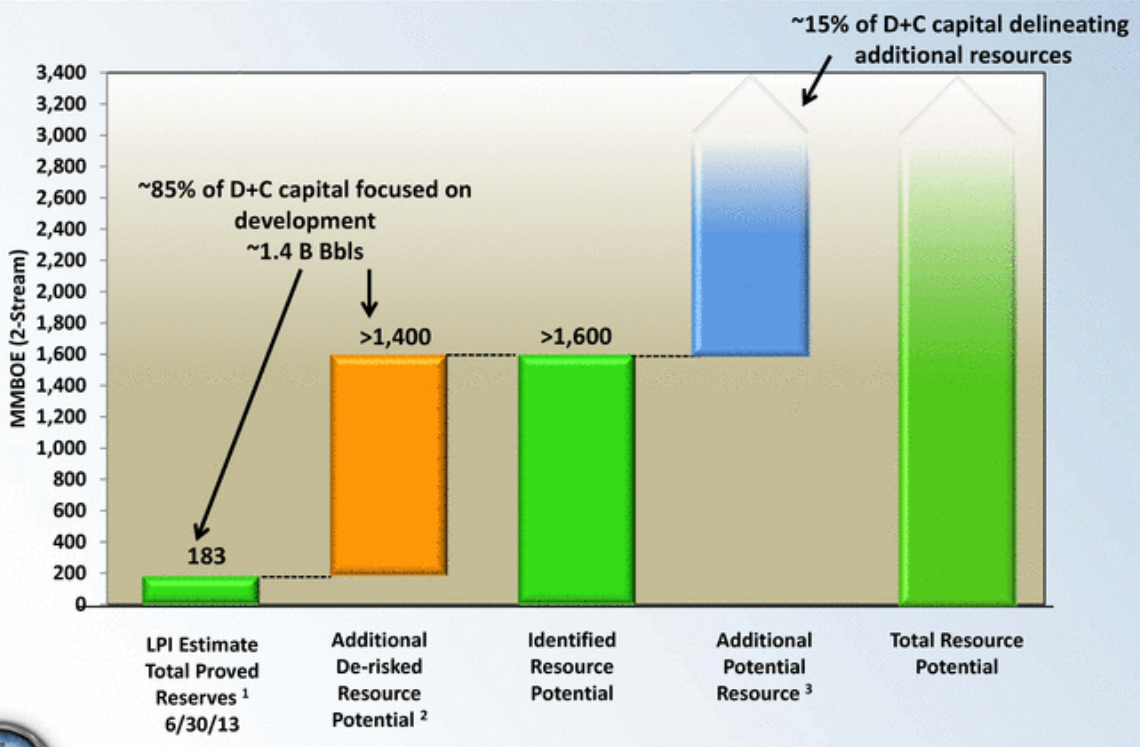

LAREDO
PETROLEUM

Building a Well-Oiled Machine

Development Overview

Jay Still
President and Chief Operating Officer

Identified Resource Potential

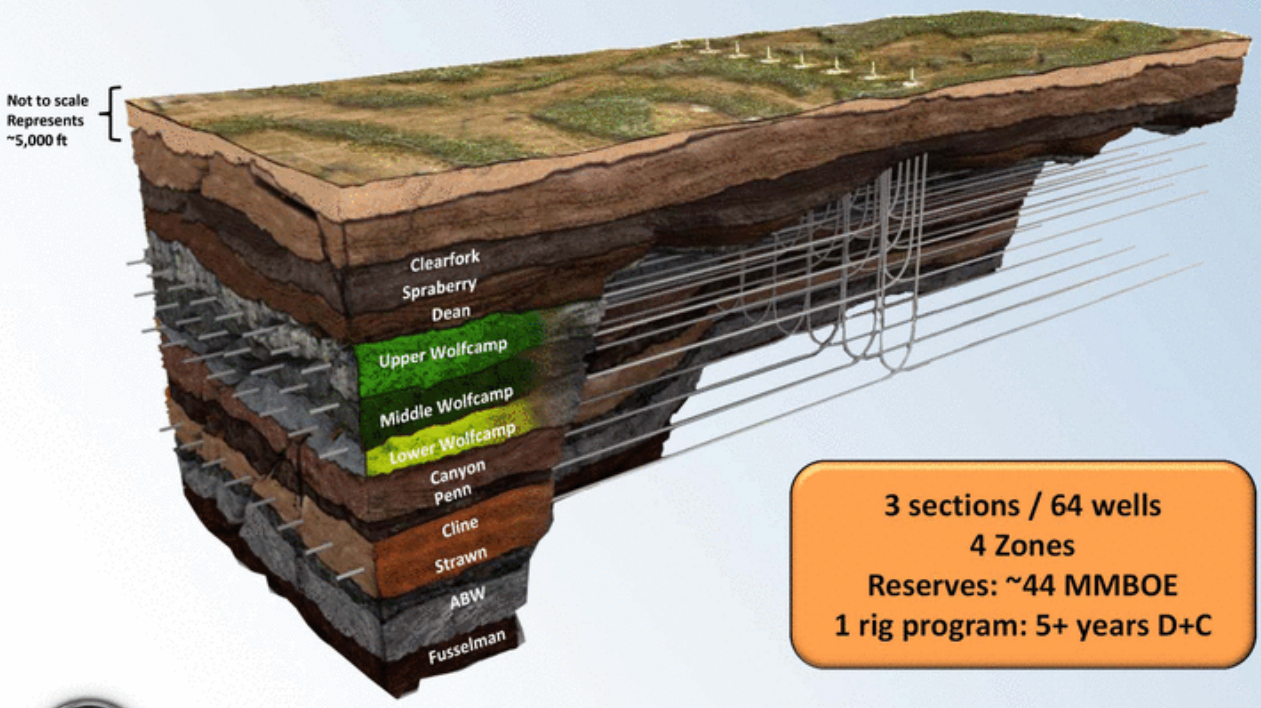


[1] Internal estimate, 2-stream, as of 6/30/2013, presented on a pro-forma basis for the Anadarko Basin assets divestiture
[2] Based upon un-booked identified well locations for vertical Wolfberry's and horizontal wells in the Upper Wolfcamp, Middle Wolfcamp, Lower Wolfcamp and Cline
[3] Includes potential locations on acreage not de-risked by Hz wells, additional zones for Hz development and potential down-spacing

Laredo Midland Basin Development Strategy

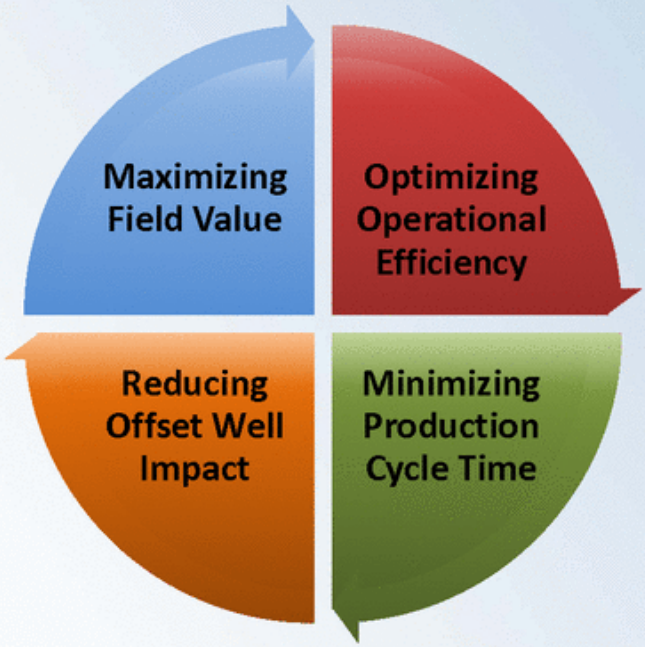
- Maximize value to our shareholders by optimizing a development plant for our Garden City assets
- Convert Permian resource potential into proven NAV
- Build an extremely efficient hydrocarbons manufacturing plant
- Optimize drilling, completions and unit operating costs
- Minimize surface use, drilling and transportation

Concentration of Resources Drives Efficiencies



3 sections / 64 wells
4 Zones
Reserves: ~44 MMBOE
1 rig program: 5+ years D+C

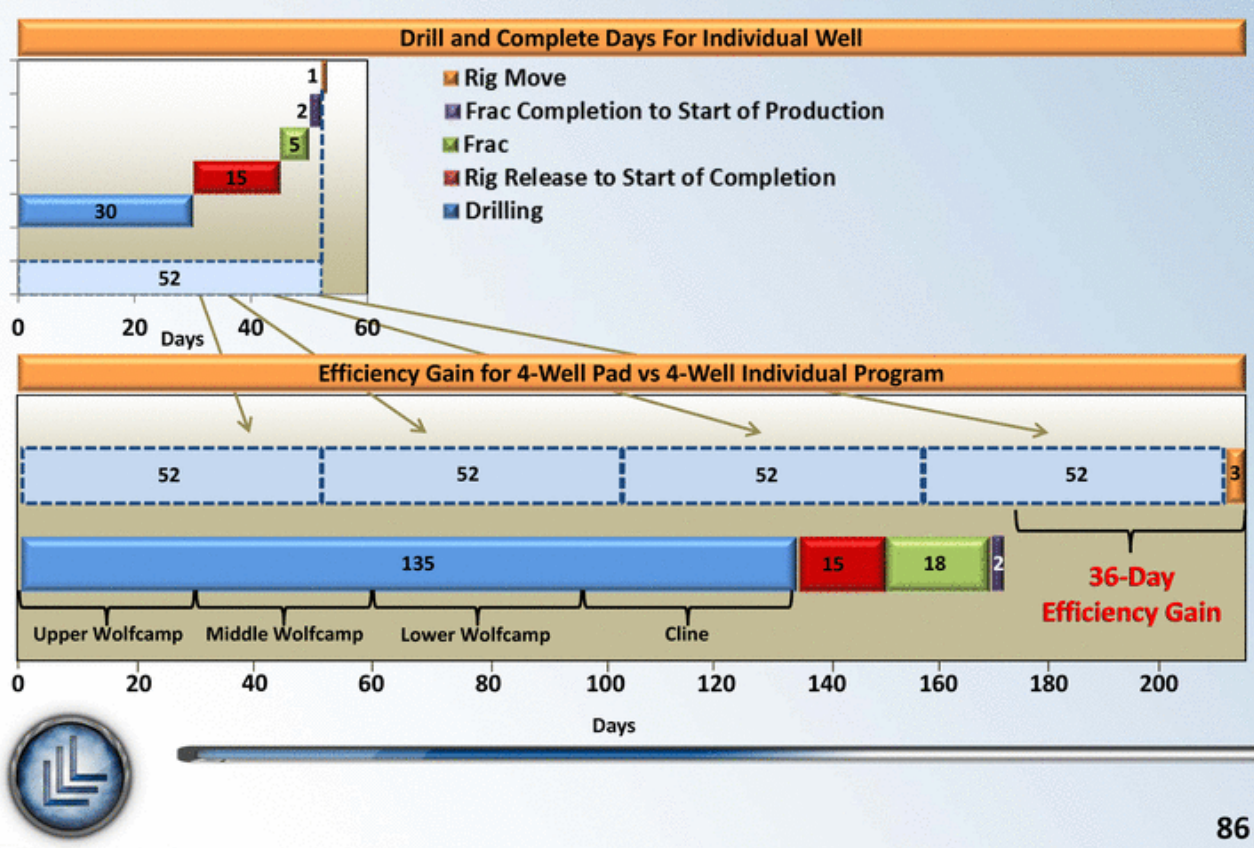
Strategic Development Considerations



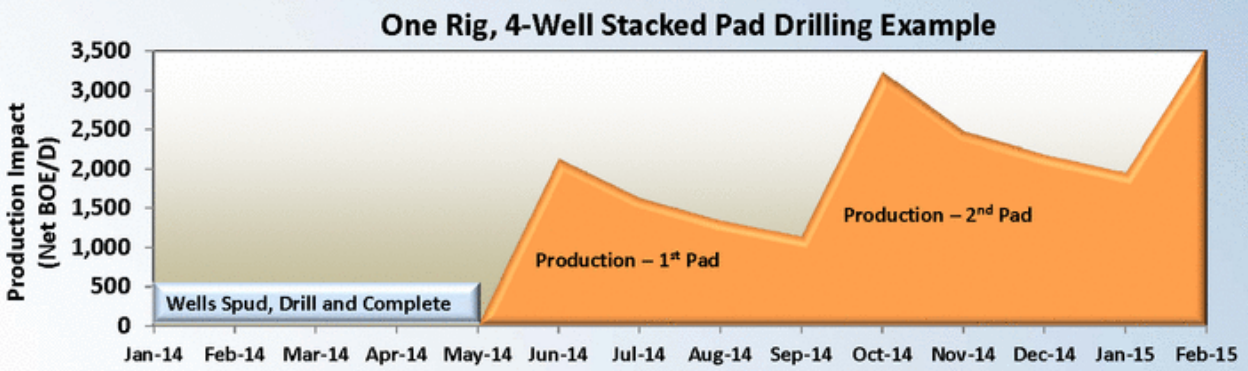
Operational Efficiencies with Pad Drilling

- Utilize "spudder" rig to drill vertical section of well
- Reduces mob/de-mob time and costs with walking rigs on multi-well pads
- Utilize common drilling fluid systems between wells
- Reduces time and costs with zipper frac's on completions
- Learning through repetitive drilling in a single area
- Shares reserve pits
- Rigs fueled with field sourced natural gas
- Reduces infrastructure costs with shared facilities

Efficiency Gains from Pad Drilling



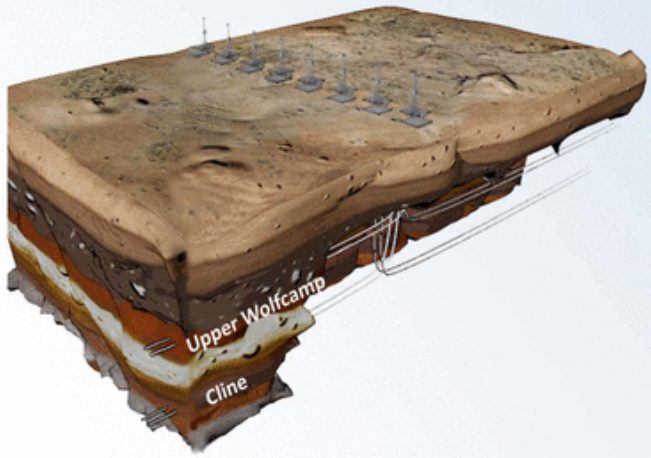
Production Impact From Multi-Well Pads



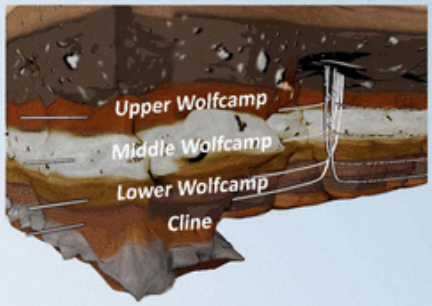
- Creates lumpy production
- Up to 123-day delay in production vs an individual well
- Balancing production impact and pad drilling efficiencies
- 2014 development will include 3-well and 4-well pad drilling

4-Well Development Strategies

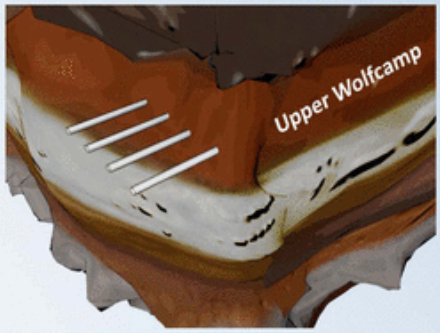
2-Stacked Laterals



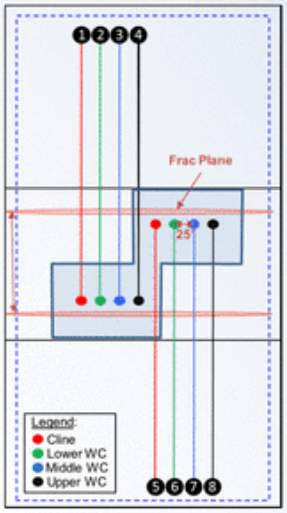
4-Stacked Laterals

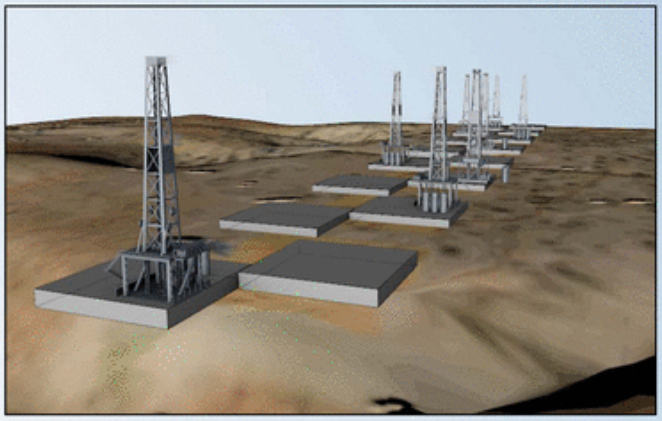


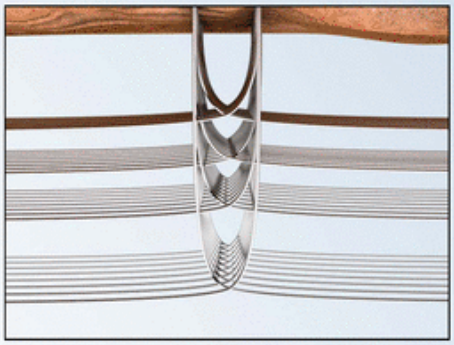
4-Horizontal Laterals



Offset Pad Development







Offset pad configuration provides the optimal geometry to fully drain a complete section

Fluid / Gas Management Plan

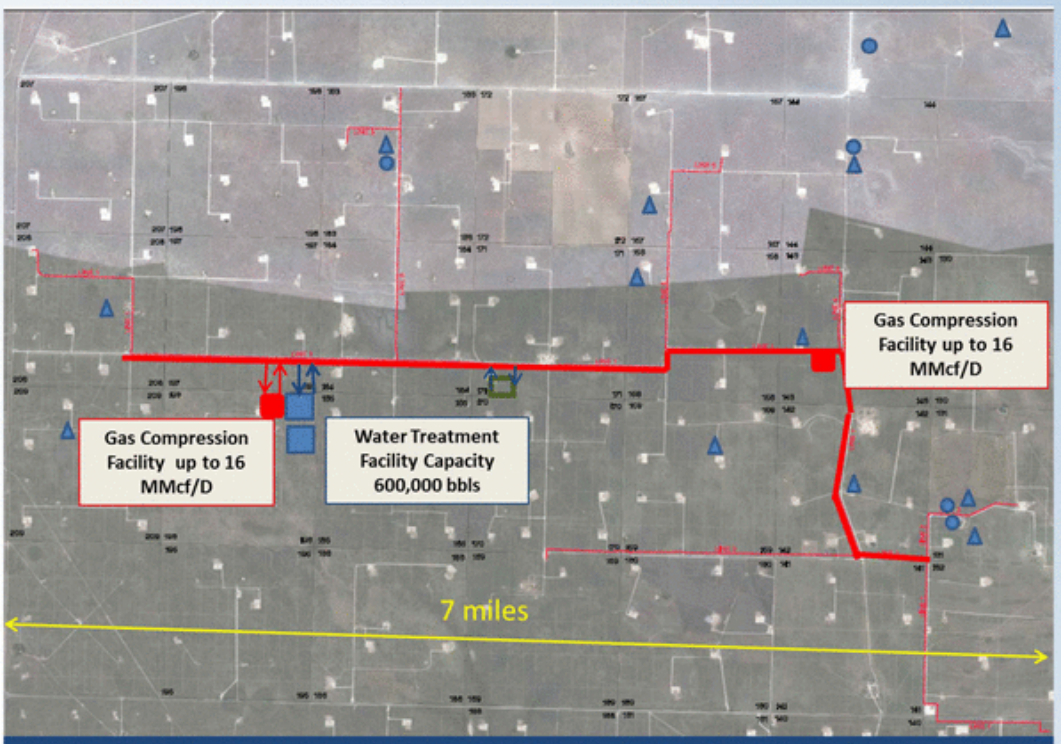
Water well pit

Water wells

Well pad

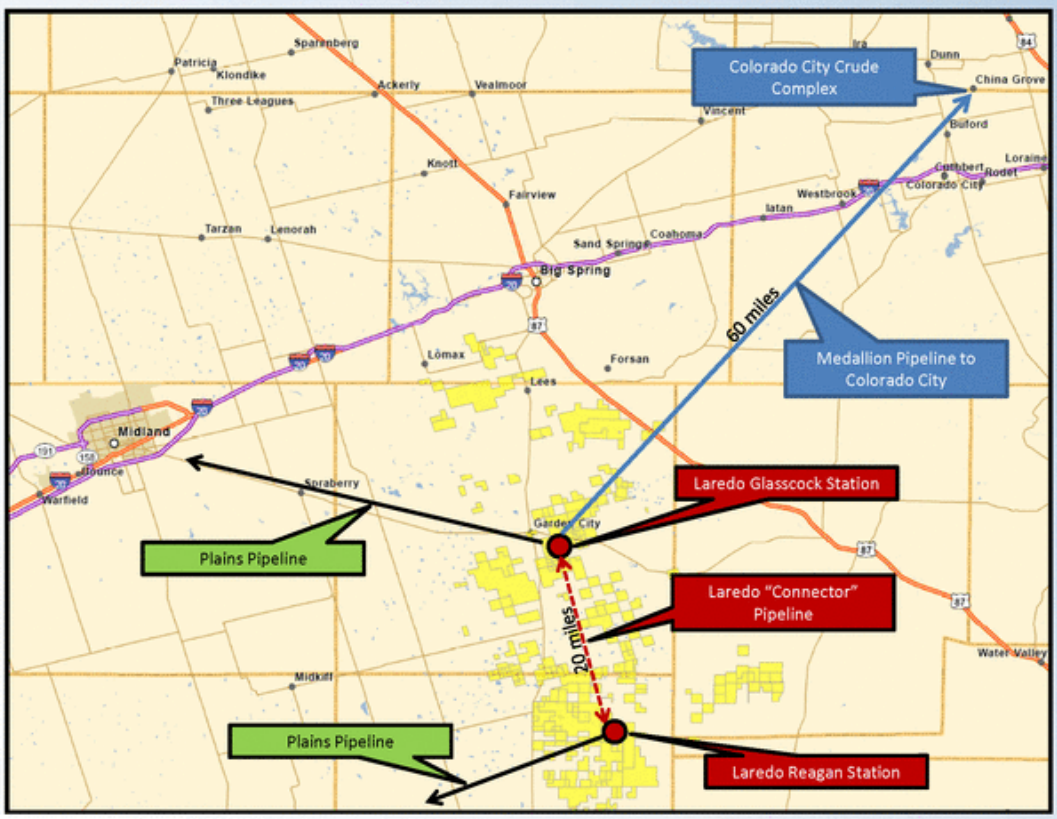
Multi- line corridor

- Oil gathering
- Off lease wtr disposal
- HP gas lift/HP Sale
- LP gas gathering
- Rig fuel gas
- Flowback water
- Treated water
- SR/ET water

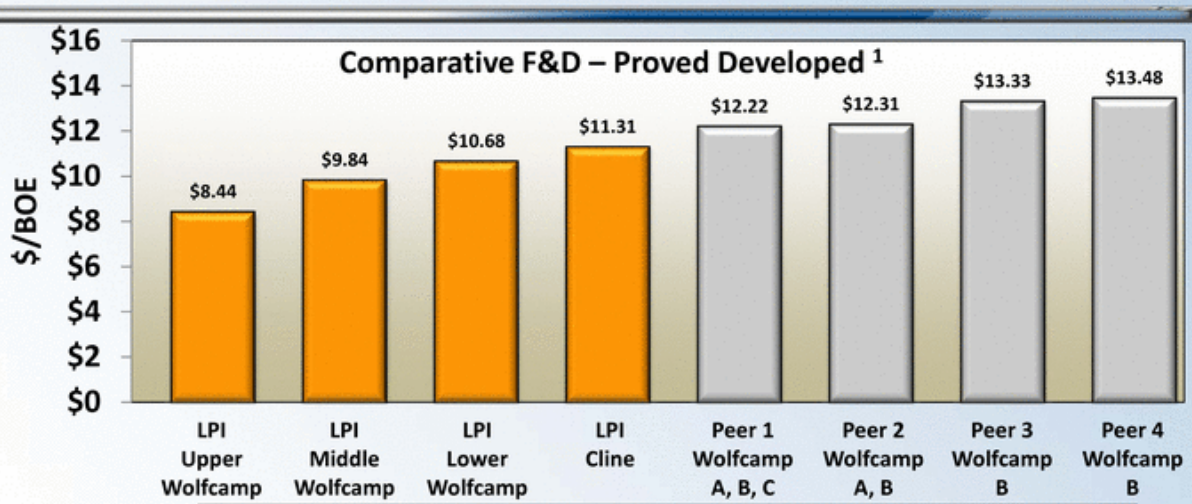


Multi-line Corridor & Location Of Water Pits Crucial To The Development Program

LGS and Medallion Pipeline Map



Laredo's Proved Developed F&D is Setting the Bar



Operator	Zone	Lateral Length	Drill & Complete Cost	EUR (3-stream)	PD F&D (D+C / EUR)
		feet	*($MM)*	*MBOE*	*$/BOE*
Laredo	Upper Wolfcamp	7,500'	$7.8	924	$8.44
Laredo	Middle Wolfcamp	7,500'	$7.8	793	$9.84
Laredo	Lower Wolfcamp	7,500'	$8.5	814	$10.44
Laredo	Cline	7,500'	$9.0	796	$11.31

[1] From publicly disclosed company data, calculated as well cost / EUR (3-stream). *Midland Basin peers shown represent published drill and complete costs and type curve EURs from Approach (AREX), Diamondback (FANG), Pioneer (PXD) and Pioneer's(PXD) southern JV acreage (See Appendix)*

Enhancing Capital Efficiency

- Through 1H-13 Laredo has reduced horizontal well costs by approximately 5%-8% in each of the proven zones
- Ongoing cost improvement initiatives:
  - ✔ Multi-well pad development
  - ✔ Utilizing more efficient drilling and completion procedures
  - ✔ Negotiated third-party service cost reductions
- ~85% of planned horizontal program capital expenditure is expected be dedicated to development wells

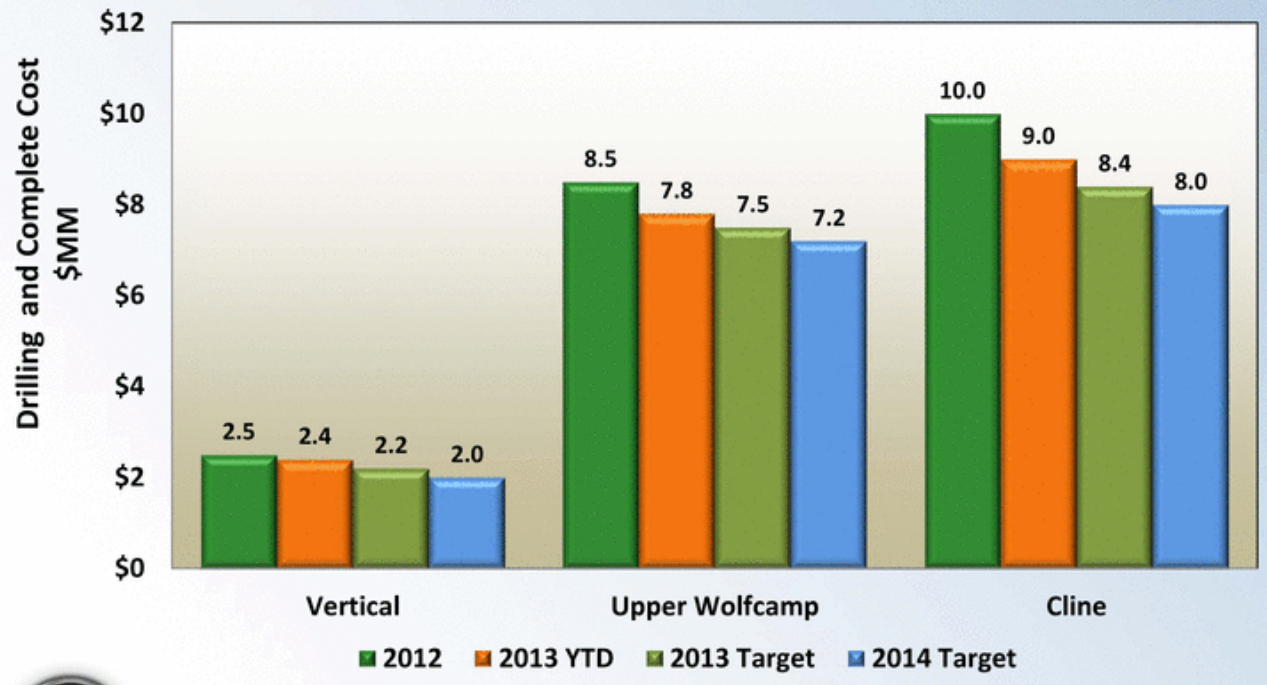
Laredo believes additional cost savings of 10%-15% per development well can be achieved by the end of 2014

Cost Savings Initiatives

- Pad drilling efficiencies
- Multi-well frac efficiencies
- Negotiated service cost reductions
  - Coil
  - Pumping services
  - Wireline logging
  - Frac tank
- Optimizing drilling and completions operations
- Proppant sourcing improvements
- Reduction in transportation cost
- Improved water management
- Integration of new technologies
- Reduction in chemical usage
- Natural gas fueling

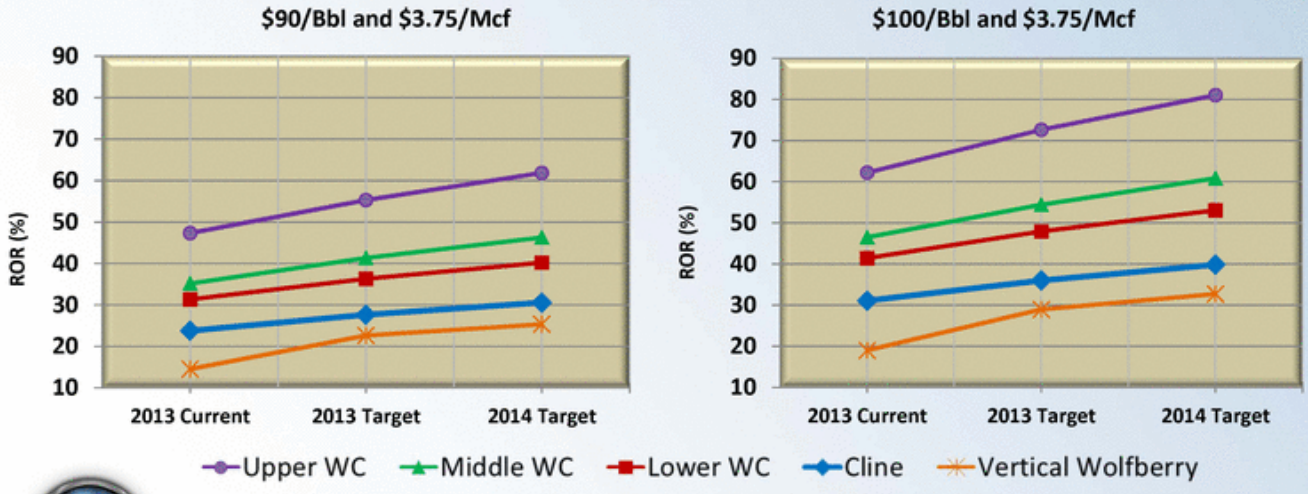
10%-15% cost reduction

Permian Drilling and Completion Costs



ROR vs Well Capital Costs

Permian Well Costs					
($MM)	Upper Wolfcamp	Middle Wolfcamp	Lower Wolfcamp	Cline	Vertical
2013 YTD	$7.8	$7.8	$8.5	$9.0	$2.4
2013 Target	7.2	7.2	7.9	8.4	2.0
2014 Target	6.8	6.8	7.5	8.0	1.9



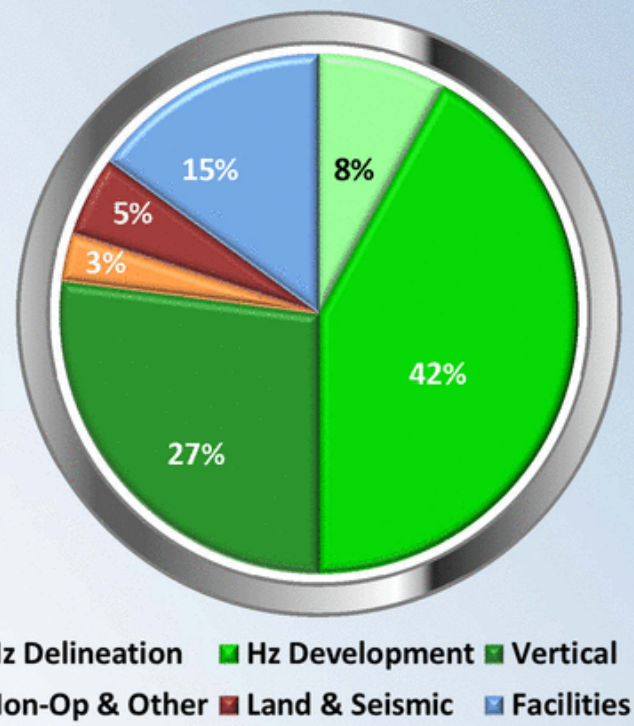
Estimated 2014 Capital Program

Total Capital - 2014
$900 MM - $1.0 B

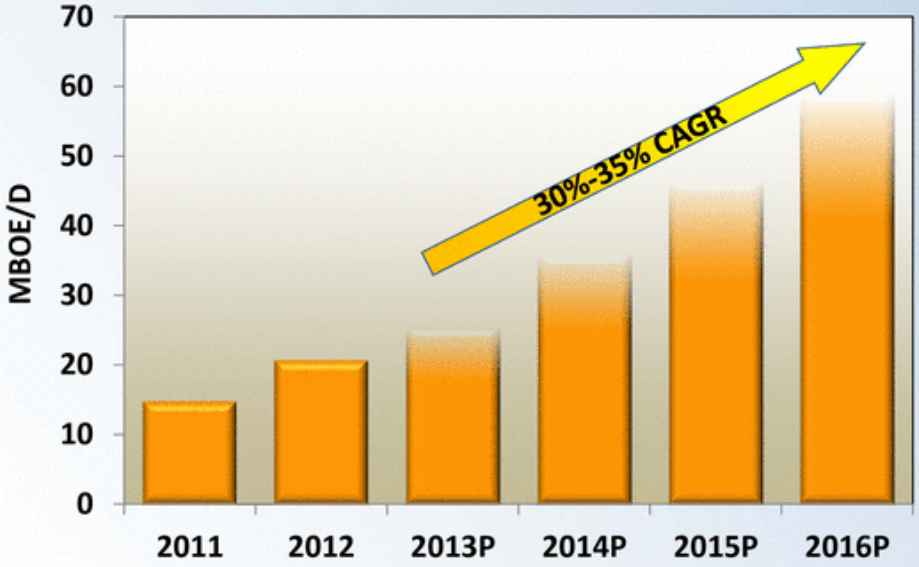
Number of Rigs / Wells

6 Horizontal Rigs
- **Delineation:** 12 – 14
- **Development:** 50 – 60

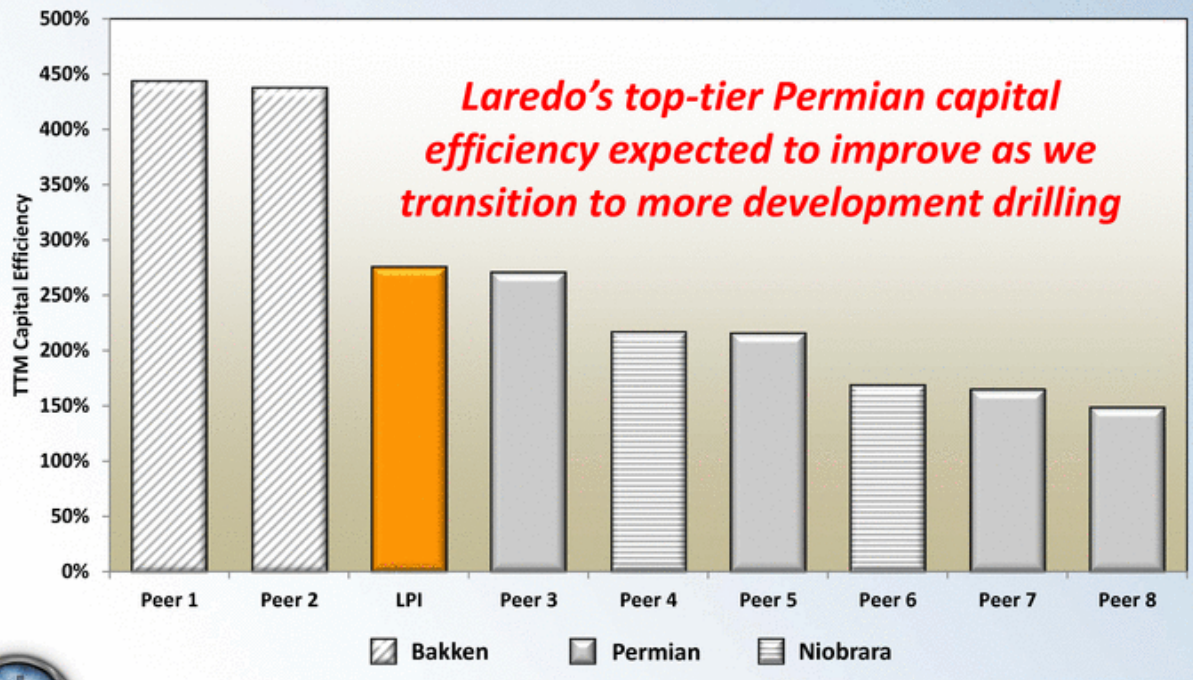
5 Vertical Rigs
- **Development:** 110 – 120



Permian Production Growth

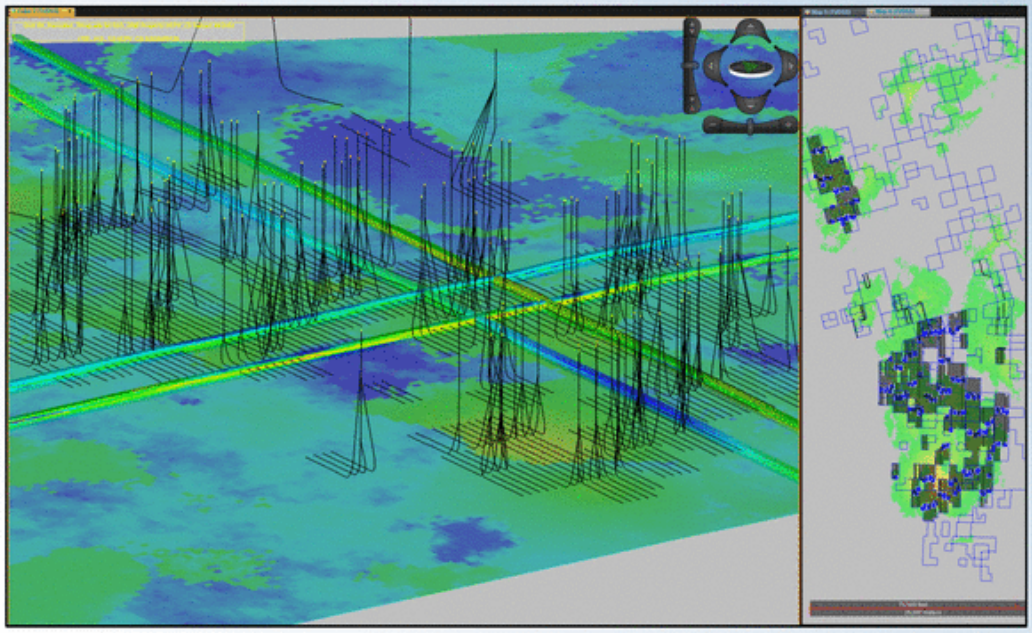


Comparative Capital Efficiency



[1] Source: Enercom
[2] Peer group consists of AREX, BCEI, CLR, EGN, EOG, PDCE, PXD, and OAS
[3] Calculated as (trailing twelve month EBITDA/trailing twelve month production) / 3-year F&D cost per Mcfe

Laredo Midland Basin Development Planning



Get it to the Right Place at the Right Time

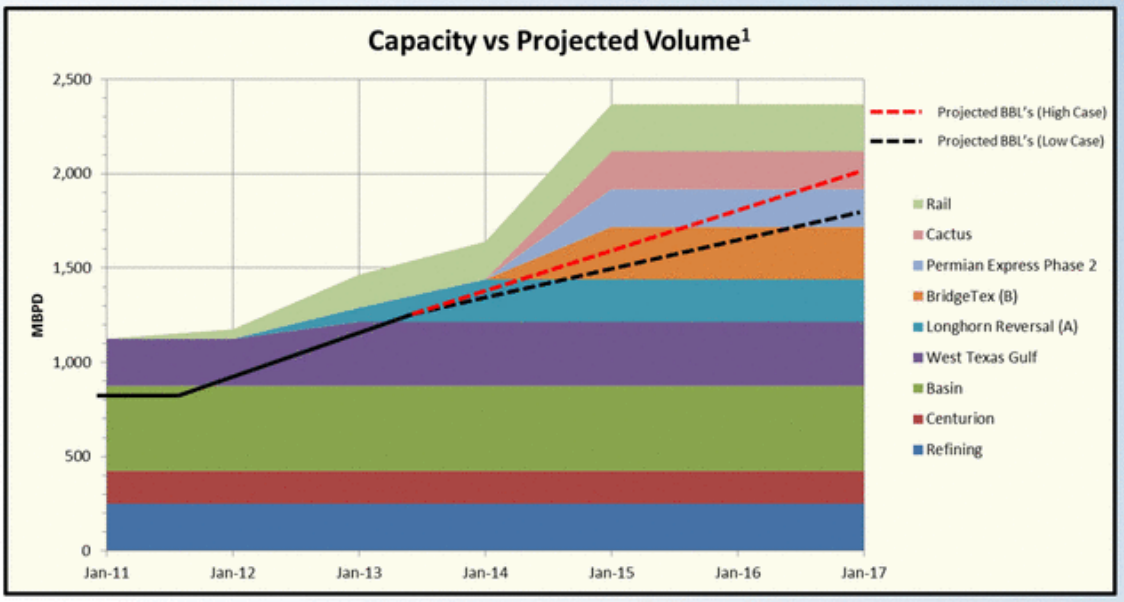
Product Marketing

Dan Schooley
VP, Marketing

Laredo Marketing Strategy

- Create take-away optionality in the field
- Commit to firm service where advantageous to Laredo
- Diversify end-use sales price

Permian Basin Oil Take-Away Capacity



Permian Basin crude oil take-away capacity to exceed both high and low case volume projections

[1] Turner, Mason & Company, North American Crude & Condensate Outlook: 2013-2022, June 2013 Report

Permian Basin Oil Take-Away Capacity

Existing Crude Oil Pipeline Capacity Out Of Permian Basin

Pipeline	Capacity (MBOPD) Incremental	Cumulative	Startup	Status	Origin → Destination
Plains Basin Pipeline	450	450	Existing	Operational	Midland →Cushing
Centurion Pipeline	175	625	Existing	Operational	SE New Mexico → Cushing
Sunoco West Texas Gulf Pipeline	350	975	Existing	Operational	Colorado City → Midwest

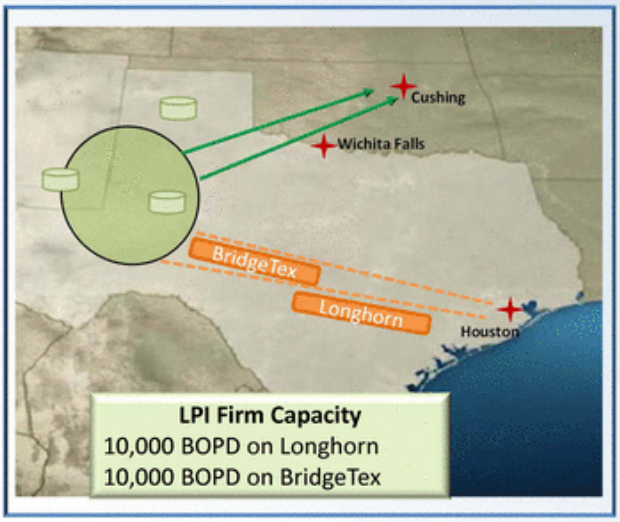
Incremental Crude Oil Pipeline Capacity Out Of Permian Basin

Pipeline	Capacity (MBOPD) 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
Longhorn Phase I (Sweet/Sour Blend)	**75**	**185**	**Q1 2013**	**Operational**	**Crane → Houston**
Permian Express I	90	275	Q2 2013	Operational	Wichita Falls → Beaumont
Longhorn Phase II (Sweet/Sour Blend)	**150**	**425**	**Q4 2013**	**Under Construction**	**Crane → Houston**
Permian Express I Expansion	60	485	Q4 2013	Under Construction	Wichita Falls → Beaumont
BridgeTex	**278**	**963**	**Q3 2014**	**Under Construction**	**Colorado City → Houston**
Permian Express II	200	688	Q1 2015	9/2013 Open Season	Colorado City → Beaumont
Cactus Pipeline (Sweet/Sour Blend)	200	1,163	Q1 2015	Under Construction	McCamey → Corpus Christi

>1.1 MMBOPD of light sweet crude oil capacity out of the Permian Basin being added by 2015

Sales Price Diversification

Firm transportation out of the Permian

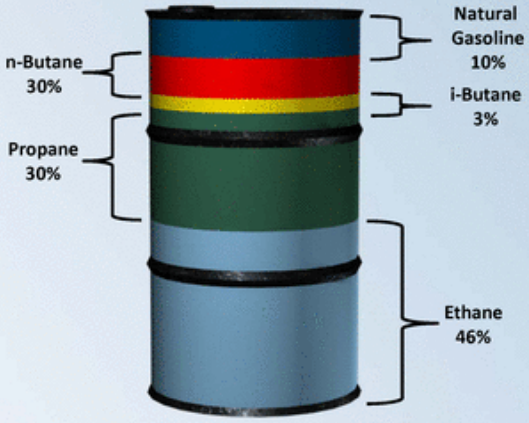


Existing Refinery
Existing Pipelines
New Pipelines and Additions

- 10,000 BOPD committed to Longhorn, increasing annually to >23,000 BOPD over 5 years
  - Eliminates Mid/Cush basis differential
  - Benefit from LLS Gulf Coast pricing premium to WTI
- 10,000 BOPD committed to BridgeTex (Mid 2014)
  - Eliminates Mid/Cush basis differential
  - Benefit from Brent pricing premium to WTI
- Balance sold in local Midland market
  - No long-term or volumetric commitments
  - Basis hedges in place to protect Mid/Cush basis risk

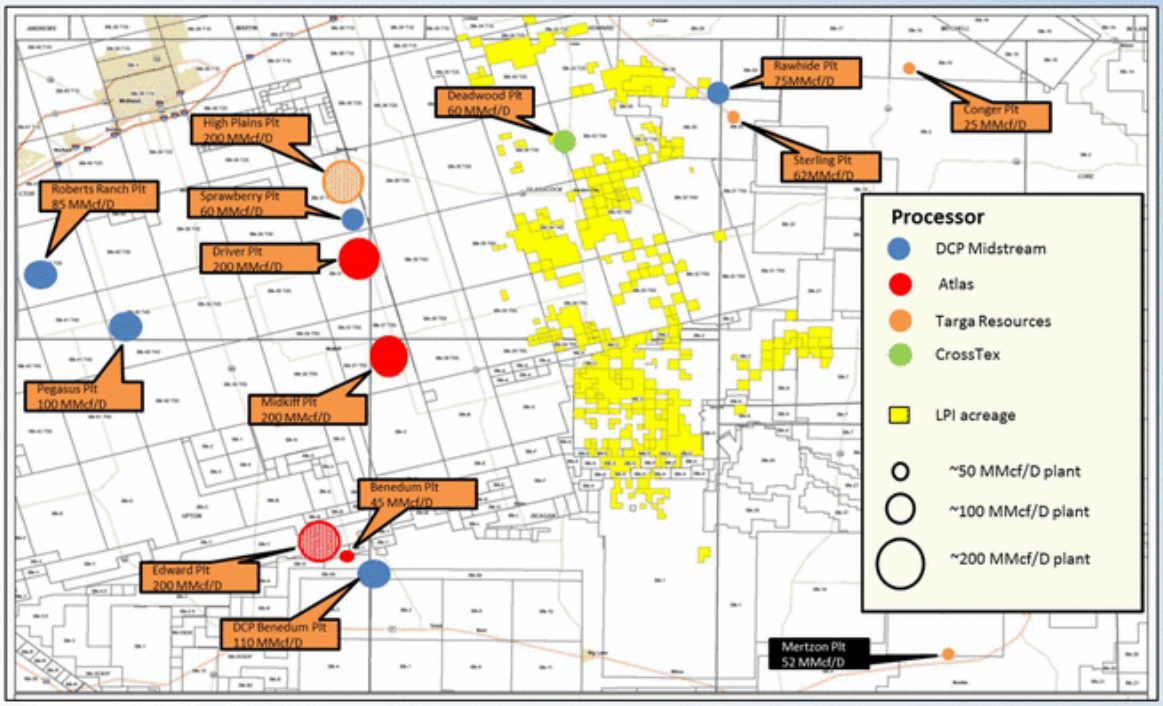
Garden City Liquids-Rich Natural Gas

Component	GPM	Bbls/MMcf
Ethane	3.333	79.36
Propane	2.135	50.83
Iso-Butane	0.231	5.50
Normal Butane	0.745	17.74
Natural Gasoline	0.737	17.55
Total	**7.181**	**170.98**



Average BTU = 1.311 MMbtu/Mcf

Processing Plant Capacity with LPI Direct Connectivity



Laredo has direct connectivity to four processors (12 plants) with 1.1 Bcf/D capacity. Capacity by Q3-14 to increase to 1.5 Bcf/D with addition of Atlas' Edward Plant and Targa's High Plains Plant

Processing Plant Connectivity

Existing Plant Capacity		
Plant Operator	Plant Name	Nameplate MMcf/D
Atlas Pipeline Partners LP	Midkiff	210
Atlas Pipeline Partners LP	Benedum	50
Atlas Pipeline Partners LP	Driver	200
DCP Midstream Inc.	Benedum	110
DCP Midstream Inc.	Pegasus	95
DCP Midstream Inc.	Roberts Ranch	85
DCP Midstream Inc.	Rawhide	75
DCP Midstream Inc.	Spraberry	60
Targa Resources	Conger	25
Targa Resources	Mertzon	52
Targa Resources	Sterling	62
CrossTex	Deadwood	60
Total Existing Plant Capacity		**1,084**
Current Utilization		**974**

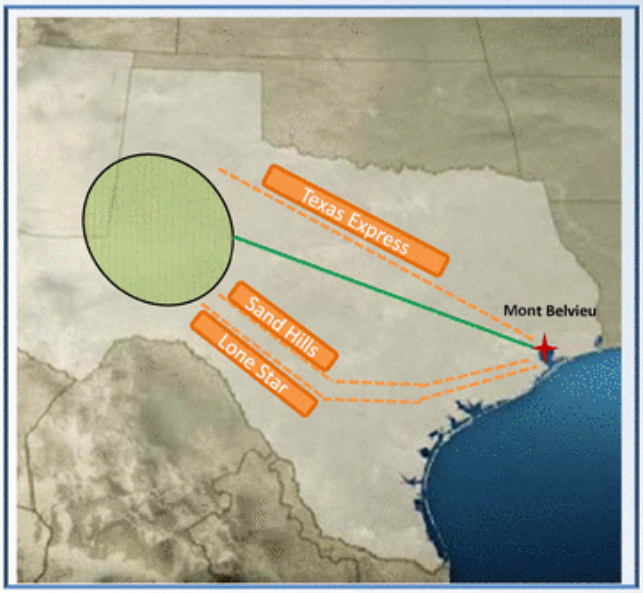
Expansion Plant Capacity Announced*			
Plant Operator	Plant Name	Estimated Startup	Nameplate MMcf/D
Targa Resources	High Plains	2Q-14	200
Atlas Pipeline Partners LP	Edwards	3Q-14	200
Total Expansion Plant Capacity			**400**

**NOTE: Additional 595 MMcf/D of proposed plant projects have been presented to Laredo for review. Marketing current evaluating.*

Total Capacity by 3Q-2014	1,484

Processing plant capacity should not be a constraint to LPI

Permian NGL & Residue Transportation Capacity



Existing Pipelines

New Pipelines and Additions

NGL Existing Take-away[1]	Capacity MBPD
NGL Pipelines	600
Permian Fractionation	135
Total Existing Capacity	**735**

Expansion Capacity	Planned Completion	Capacity MBPD
Lone Star[2]	1Q-13	100
Texas Express[3]	2Q-13	50
Sand Hills[2]	3Q-13	100
Total Expansion Capacity		**250**
Total NGL Take-away Capacity by 3Q-2013		**985**

Expansion Capacity	Capacity BCF/D
Total Existing Capacity	9.0
Estimated 2013 Production	5.0
Total Current Excess Gas Capacity	**4.0**

NGL and Residue Gas Pipeline capacity not forecasted to be constrained through 2018

[1] Bentek / Turner, Mason & Company, Market Report: The Great NGL Surge, November 2011 report.
[2] Only 50% of the capacity for Lone Star and Sand Hills pipelines included above since both pipelines also traverse the Eagle Ford shale
[3] Texas Express will reduce in flows of raw mix into Permian by taking barrels off of MAPL in Texas panhandle. Current in flow is 75 MBPD

Gulf Coast NGL Fractionation Capacity

Gulf Coast Current Fractionation Capacity		MBPD 2,050
Mt. Belvieu Expansion Capacity (2012 - 2014)	**Planned Completion**	**MBPD**
Gulf Coast Fractionators	2Q-12	43
Enterprise Products (MB 1 train 6)	4Q-12	75
Lone Star NGL	4Q-12	100
ChevronPhillips Chemical	1Q-13	22
Enterprise Products (WTX 1)	1Q-13	10
Targa Resources (CBF train 4)	2Q-13	100
OneoOk Inc. (MB-2)	2Q-13	75
Enterprise Products (MB 1 train 7)	4Q-13	85
Enterprise Products (MB 1 train 8)	4Q-13	85
Lone Star NGL	4Q-13	100
Other Gulf Coast Expansion Projects (2012 – 2014)		138
Gulf Coast Additions & Expansions By YE 2014		**833**
Gulf Coast Projected Fractionation Capacity		**2,883**

Fractionation Capacity in Gulf Coast to increase over 40% from 2012 to 2014, exceeding Gulf Coast production and domestic imports. Gulf Coast Fractionation Capacity is expected to exceed supply by 637 MBPD by YE 2014.

The Resources to Convert Resources

Financially Sound

Rick Buterbaugh
EVP and Chief Financial Officer

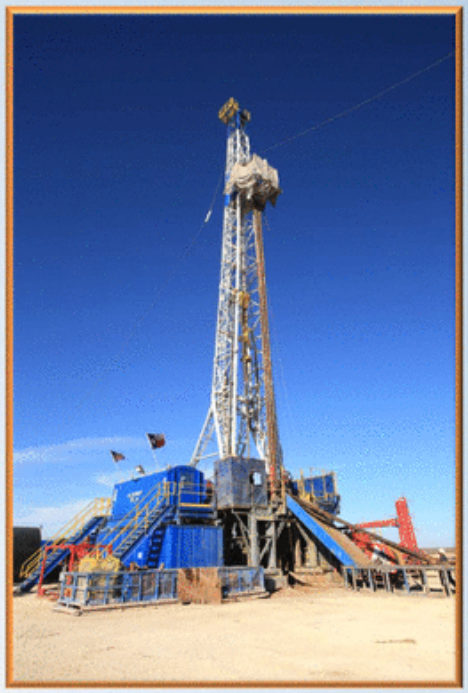
Disciplined Financial Strategy

Laredo's commitment:

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

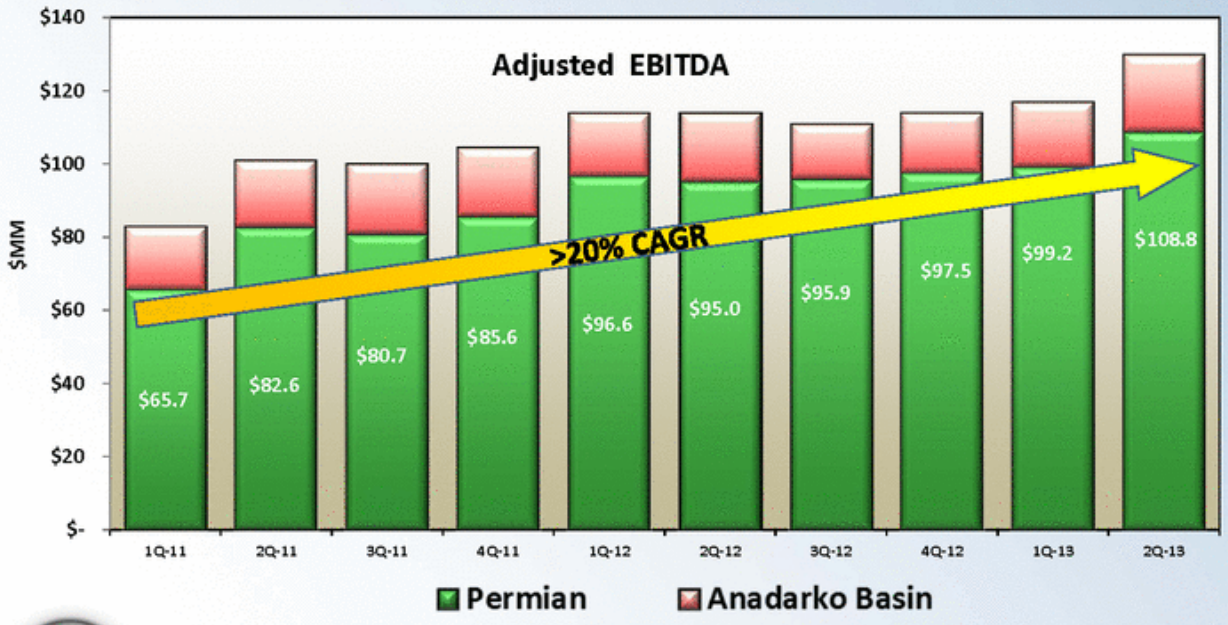
Financial Toolbox

- Growing cash flows
- Strong asset portfolio
- Solid capital structure
- Meaningful liquidity



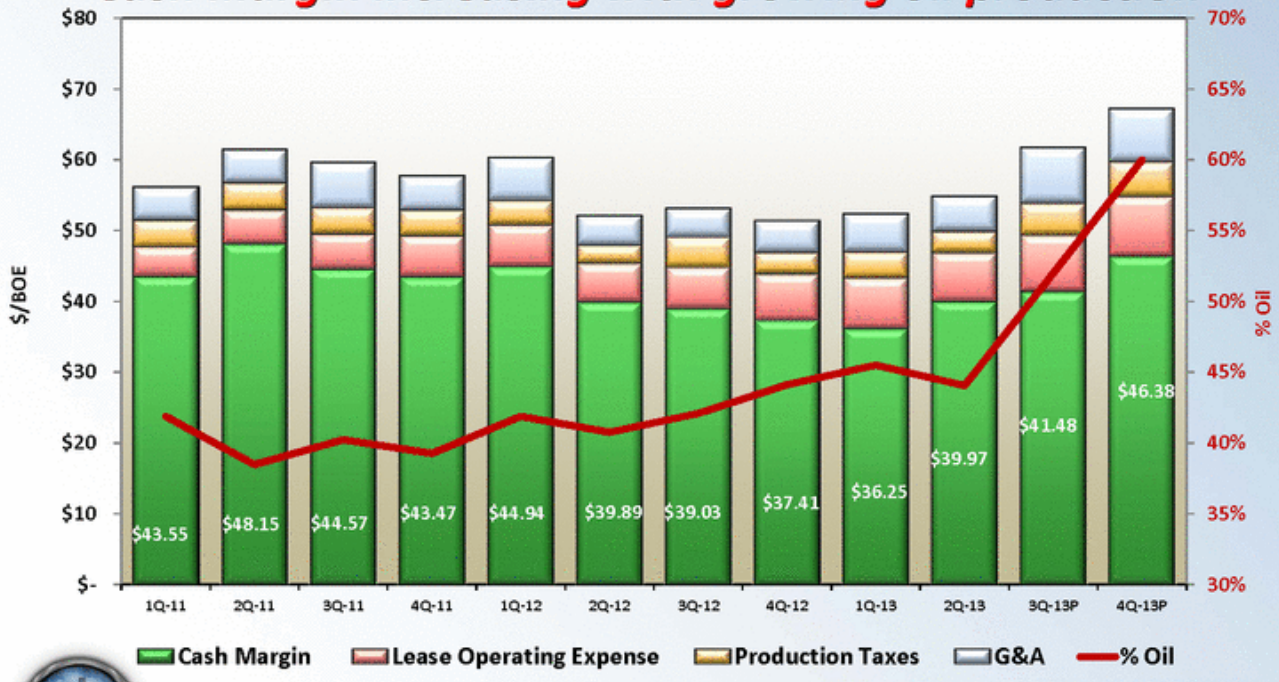
Increasing Financial Capacity

Permian-Garden City continues to drive growth



Expanding Cash Margin[1]

Cash margin increasing with growing oil production



[1] *Divestiture of Anadarko Basin properties as of August 1, 2013 reflected in 3Q-13 projection. 4Q-13 reflects only Permian properties. 3Q-13 and 4Q-13 realized oil equivalent prices assumes $100/Bbl NYMEX and $3.25/Mcf benchmark natural gas prices adjusted for NGL value.*

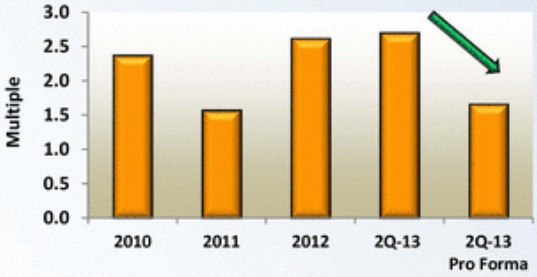
Continual Optimization of Assets

- Completed Anadarko Basin property sale
  - Capital and personnel re-deployed into the Midland Basin
- Equity raise pre-funds a portion of expected 2014 capital program
- Joint-venture / sale of interests in Garden City property

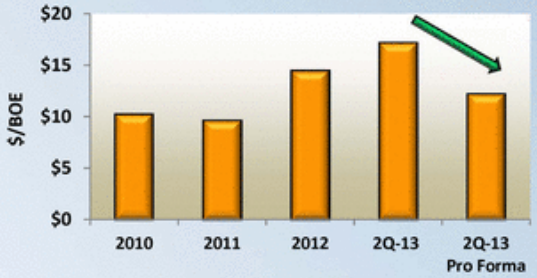
Focused on enhancing shareholder value

Committed to Strong Financial Metrics

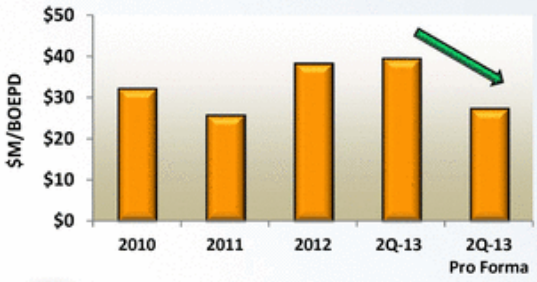
Debt / Adjusted EBITDA



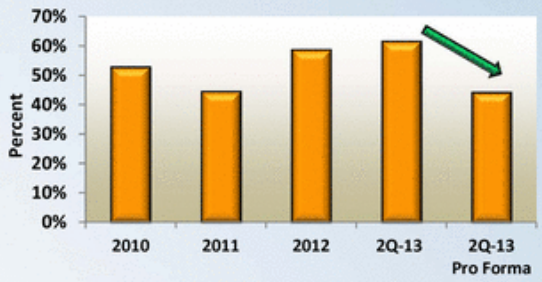
Debt / Proved Developed Reserves



Debt / Daily Production



Debt / Total Capitalization

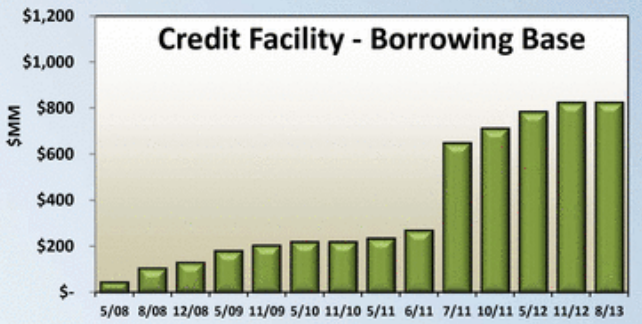


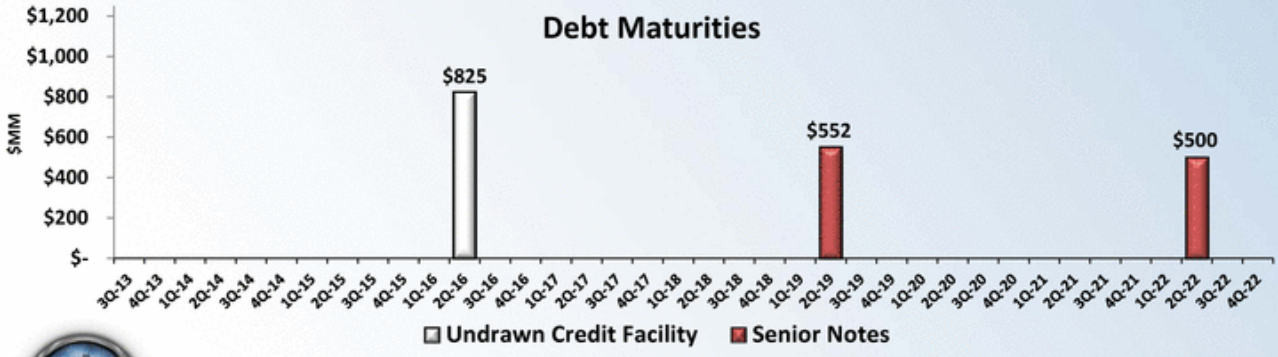
[1] Debt ratios reflect Debt less cash and cash equivalents of $44.0 million and $356.4 million at 6/30/2013 pro-forma for the Anadarko Basin sale completed August 1, 2013 and the equity offering completed 8/12/2013, respectively

[2] Pro forma ratios exclude Q2 2013 financial results related to the Anadarko Basin divested properties and includes the offering of $309 million from the company with net proceeds to the company of approximately $298.7 million

Preserving Financial Flexibility

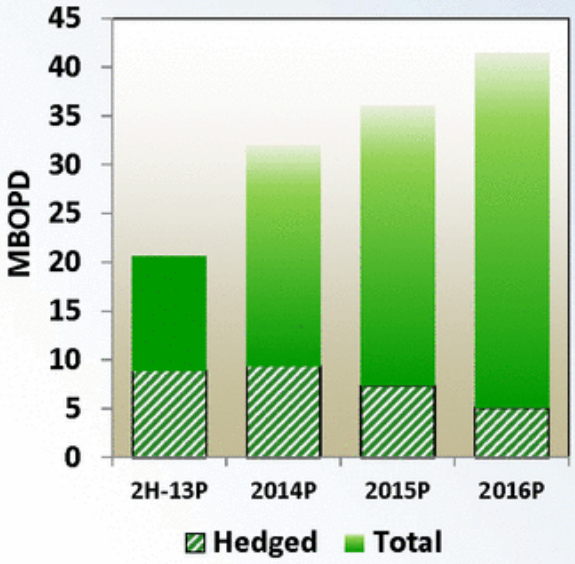
- ~$1.1 billion of liquidity
- Growing borrowing base
- No near-term maturities





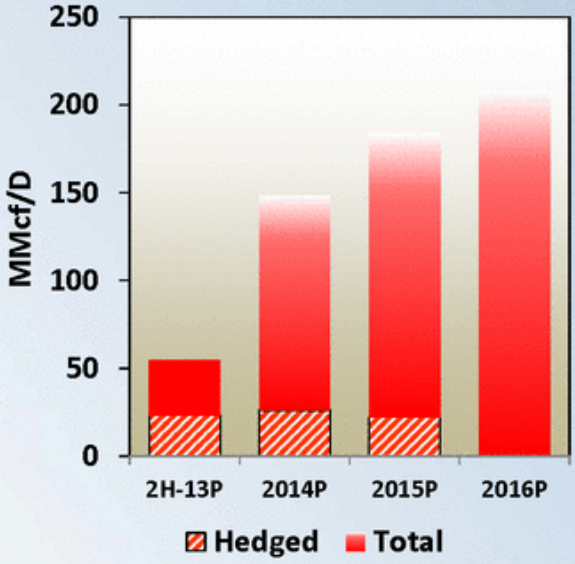
Protecting Our Cash Flow

Oil Production [1]



Price Floor ($/BOE)[2]	$88.00	$86.66	$78.68	$80.00

Gas Production [1]



Price Floor ($/Mcf)[3]	$3.91	$3.93	$3.93

[1] Oil derivatives are settled based on the month's average daily NYMEX price of WTI Light Sweet Crude Oil; prices include basis swaps.
[2] Natural gas derivatives are settled based on NYMEX gas futures, the Northern Natural Gas Co. demarcation price, the Panhandle Eastern Pipe Line, Oklahoma ANR or the West Texas WAHA spot price of natural gas for the calculation period.
[3] $/Mcf is converted based upon Company average BTU content of 1.311; prices include basis swaps

Confirming 2013 Guidance

	3Q-2013	4Q-2013
Production (MMBOE):		
Permian	2.2 – 2.4	2.5 – 2.7
Other	.3 - .3	–
Total	2.5 – 2.7	2.5 – 2.7
% Crude oil	~52%	~60%
Price Realizations (pre-hedge, two-stream basis, % of NYMEX):		
Crude oil	90% - 95%	90% - 95%
Natural gas, including natural gas liquids	130% - 140%	135% - 145%
Operating Costs & Expenses		
Lease operating expenses ($/BOE)	$7.75 - $8.25	$8.25 - $8.75
Production taxes (% of oil and natural gas revenue)	7.25%	7.25%
General and administrative expenses ($/BOE)	$7.50 - $8.00	$7.25 - $7.75
Depreciation, depletion and amortization ($/BOE)	$22.00 - $22.50	$ 22.00 - $22.50

Randy A. Foutch
Chairman and Chief Executive Officer

Laredo Investment Opportunity

- High-quality acreage position in the fairway of the Midland Basin
- Top-tier well results in multiple horizons
  - Visible growth in production and cash flow
  - Reducing cost structure
- Significant resource potential: >10x existing reserves
- Transitioning to development manufacturing mode
- Strong financial structure

LAREDO PETROLEUM

Appendix

Horizontal Wolfcamp Completions

Well Name	Zone	Avg. Lateral Length (Feet)	Completion Date	Peak 24-hr rate 2-stream BOE/D	Peak 24-hr rate 3-stream BOE/D	Peak 30-day rate 2-stream BOE/D	Peak 30-day rate 3-stream BOE/D
Sugg A 159AH	U	3,280	8/14/2009	320	342	196	226
Sugg A 183CH	U	5,670	11/23/2010	927	1,089	416	482
JE Cox #3304H	U	3,536	9/18/2011	437	500	310	347
Sugg A 142OH	U	5,972	1/18/2012	1,011	1,204	693	857
Sugg A 157 1H	U	6,128	2/20/2012	1,100	1,315	909	1,086
Yellow Rose 40 #6H	U	3,798	3/12/2012	829	933	590	667
Bodine A 174 1H	U	3,937	3/21/2012	983	1,054	750	852
Sugg B 131 1H	U	3,700	4/18/2012	614	711	430	499
Lacy Creek 34 #3H	U	3,656	5/20/2012	657	708	427	467
Barbee-B-2-1H	U	6,664	7/14/2012	463	514	269	310
Sugg-B-109-1H	U	7,470	7/14/2012	619	707	491	579
SRH-A-9-1H	U	6,935	7/24/2012	546	613	465	540
Sugg-B-133-1HU	U	6,841	8/15/2012	828	949	571	696
Sugg-A-183-1HM	M	6,930	8/16/2012	1034	1,125	910	1,047
Sugg-B-162-1HU	U	6,646	8/19/2012	820	956	746	882
Sugg-A-183-2HL	L	6,665	9/3/2012	911	977	712	811
Sugg-D-106-1HU	U	7,470	9/25/2012	877	1,008	638	760
JE Cox 3307HU	U	7,187	10/3/2012	833	907	697	780
Sugg-A-143-1HU	U	6,920	10/12/2012	961	1,091	846	997
JE Cox 3306HU	U	7,024	10/19/2012	1,026	1,132	555	630
Glass-Glass 10 #151HU	U	6,918	11/5/2012	1,158	1,344	338	410
Sugg-C-27-1HM	M	7,745	11/8/2012	1,278	1,409	982	1,128
Curry-Glass 10 #151HU	U	6,604	11/19/2012	1,289	1,364	700	747
Lane Trust-C/E 42-1HU	U	7,185	11/22/2012	1,218	1,374	1,183	1,391
Sugg-B-134-1HU	U	7,190	12/18/2012	714	821	645	765
Barbee-C/B #1-1HU	U	7,740	12/31/2012	577	606	397	424
Sugg-E/A 208-1HU	U	7,200	1/16/2013	1,033	1,224	843	1,025
Sugg-D-106-2 HL	L	6,928	1/24/2013	1,177	1,325	969	1,172
Sugg-E/A 197-1HU	U	7,470	2/2/2013	1,377	1,624	885	1,024
Sugg-A-142-3HM	M	4,230	2/15/2013	554	636	389	477
Sugg-A-143-2HU	U	7,200	3/17/2013	1,583	1,783	1,160	1,351
Sugg-B-25-1HU	U	7,470	3/21/2013	876	962	650	759
SRH-A-9-2HU	U	7,203	4/5/2013	766	878	615	757
Sugg-C-27-3HU	U	7,740	4/10/2013	1,208	1,392	942	1,107
SRH-B-11-1HL	L	7,107	4/28/2013	766	777	546	616
Sugg-A-143-3HU	U	6,660	6/5/2013	1,476	1,673	888	1,062
Sugg-A-143-4HU	U	7,039	6/6/2013	1,684	1,904	1,090	1,290
Lane Trust C/E 42-2HL	L	7,571	6/21/2013	1,912	2,147	1,217	1,406

[1] Well completions as of 6/30/13

[2] Based on long lateral completions of over 6,000 ft with at least 30 days of production history past peak production as of 8/1/13

Horizontal Cline Completions

Well Name	Avg. Lateral Length (feet)	Completion Date	Peak 24-hr rate 2-stream BOE/D	Peak 24-hr rate 3-stream BOE/D	Peak 30-day rate 2-stream BOE/D	Peak 30-day rate 3-stream BOE/D
Bearkat #302H	3,851	7/26/2010	324	387	128	155
Ratliff 17 #3H	4,933	9/8/2010	618	741	460	550
Cox 32 #2H	3,642	12/16/2010	784	919	516	626
Driver 43 #2H	3,494	2/10/2011	515	584	279	338
Currie Trust 33 #5H	3,930	2/14/2011	469	559	346	433
South Boxcar 3 #2H	3,985	3/12/2011	721	803	427	505
Currie Ranch 14 #2H	3,597	4/16/2011	274	318	246	292
Moore 25 #5H	3,820	5/8/2011	296	360	253	314
Lazy E #1002H	3,741	5/11/2011	600	662	278	309
Bearkat #802H	3,985	6/4/2011	850	956	631	720
Ratliff 17A #5H	4,725	6/10/2011	391	469	224	271
South Boxcar 3 #4H	3,931	7/10/2011	454	526	372	452
Guthrie Trust A #1904H	3,821	7/30/2011	460	543	362	438
Bell 18 #1H	3,556	8/9/2011	641	740	464	551
Currie Trust 33 #6H	5,609	8/15/2011	838	1,033	584	692
Lazy E #1503H	3,689	9/23/2011	387	416	289	316
Bearkat #803H	3,816	10/5/2011	1,040	1,144	789	902
Lazy E 1602H	4,012	11/9/2011	571	636	351	383
Cox 29-5H	3,997	11/17/2011	656	789	566	696
Calverley 5-3H	4,092	12/15/2011	824	957	583	682
Roberts-Shafer 10 #2H	3,632	12/17/2011	285	327	203	251
Cox 32 #5H	3,848	1/27/2012	715	868	543	686
Calverley 4 #5H	3,986	2/2/2012	909	1,024	653	746
Moore 25 #6H	3,968	2/28/2012	395	460	325	402
Calverley 40 #5H	3,816	3/5/2012	511	588	387	457
Lynda 41 #3H	3,632	4/5/2012	302	333	183	208
East Boxcar 48 #4H	3,824	4/26/2012	524	659	325	414
Guthrie Trust A #1906H	4,068	5/24/2012	667	797	509	636
Cox Bundy 16 #3H	4,382	6/20/2012	1,046	1,227	756	922
Sugg A-142-1H	6,685	7/6/2012	777	944	614	764
Lazy E #1402H	7,052	8/28/2012	1,034	1,175	566	627
Bearkat #904H	4,807	9/12/2012	838	1,064	615	831
SRH B 8-1H	6,937	12/11/2012	406	465	309	359
Bearkat 1505H	7,282	1/9/2013	1,174	1,380	835	1,007
Mercer B-6-1H	7,200	2/19/2013	273	308	189	209

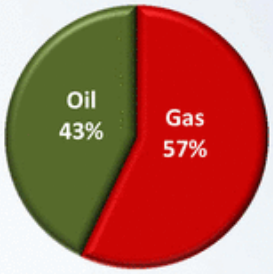
[1] Well completions as of 6/30/13

[2] Based on long lateral completions of over 6,000 ft with at least 30 days of production history past peak production as of 8/1/13

Two-Stream vs. Three-Stream

Laredo reports on a two-stream basis to match its ownership in production

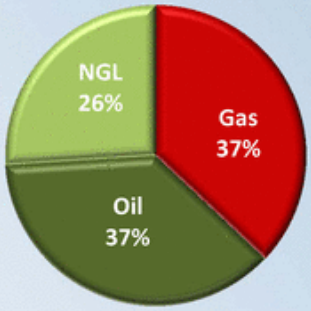
Two-Stream



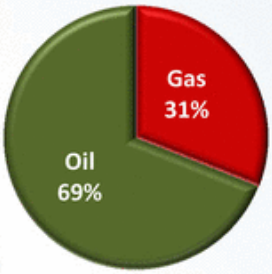
2Q-13 Production

~20% Increase

Three-Stream



Two-Stream

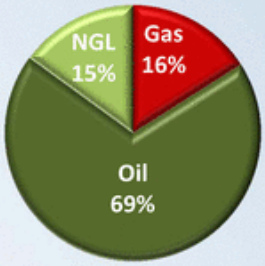


2Q-13 Revenue

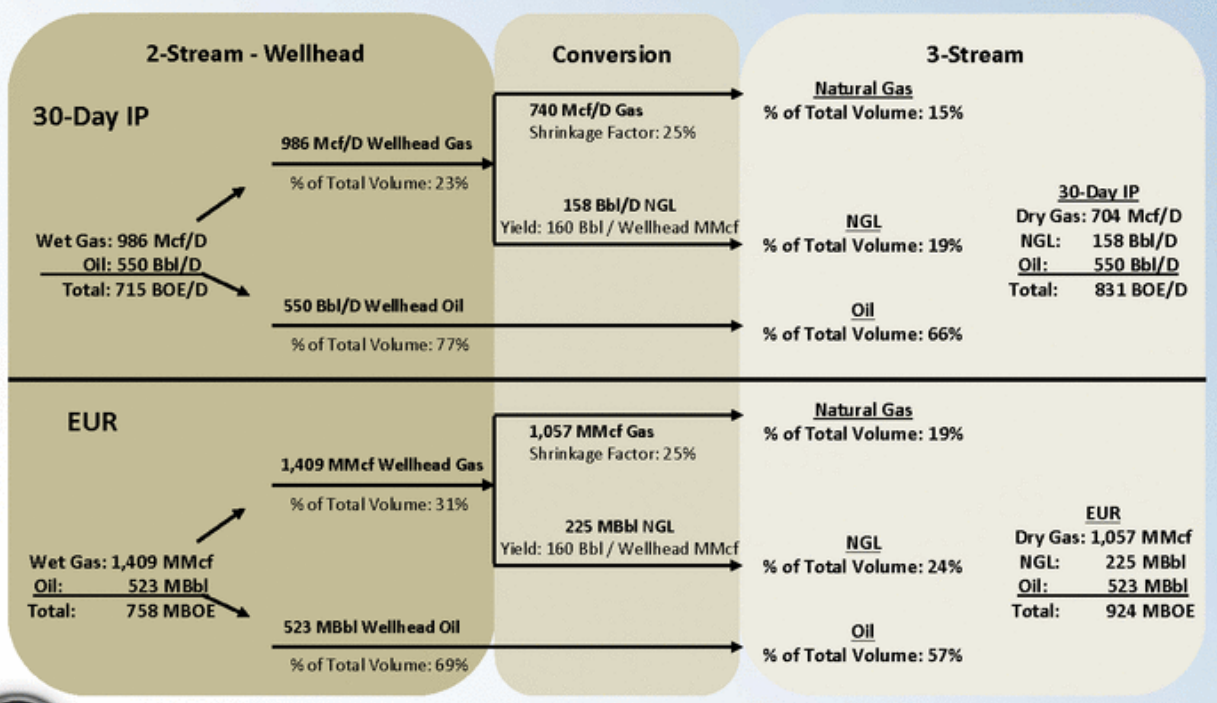
No revenue impact

Pricing Impact	Gas
Q2 -2013 Avg. LPI realizations	$4.63
Q2-2013 Avg. NYMEX Henry Hub	$4.09
Benefit to LPI	+13%

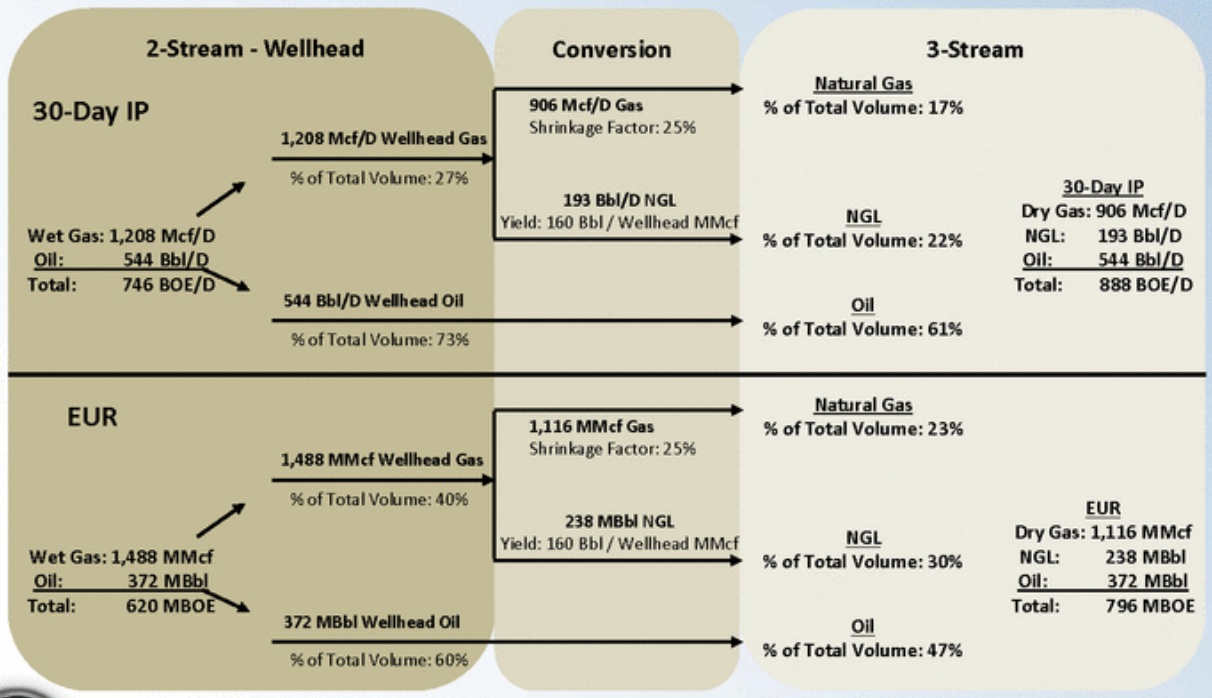
Three-Stream



Sample Wolfcamp Hz 3-Stream Conversion



Sample Cline Hz 3-Stream Conversion



Historical Financial & Operating Data

$ millions, except per unit data

	2010	2011	2012	Q3 2012	Q4 2012	Q1 2013	Q2 2013
Realized oil price ($/Bbl)[1]	$77.26	$88.62	$86.69	$86.58	$81.00	$83.03	$89.80
Realized natural gas price ($/Mcf)[1]	$6.32	$6.67	$5.02	$4.82	$4.68	$4.83	$4.64
Average daily production (Boe/D)	14,278	23,709	30,874	30,835	33,261	34,722	35,494
Adjusted EBITDA EBITDA[2]	$194.5	$388.4	$452.6	$110.8	$113.9	$117.0	$130.0
Capital expenditures	($461)	($707)	($941)	$251	($204)	($198)	$195
Per unit metric ($/Boe):							
Lease operating expenses	$4.16	$5.00	$5.96	$5.84	$6.57	$7.18	$6.87
Production & ad valorem taxes	$3.01	$3.70	$3.33	$4.26	$3.04	$3.66	$3.01
Depreciation, depletion and amortization	$18.69	$20.38	$21.56	$22.53	$22.06	$20.64	$20.51
General & administrative	$5.93	$5.90	$5.50	$5.01	$5.21	$5.25	$6.35

[1] Prices include realized hedge revenue
[2] *See following slide for a reconciliation of Adjusted EBITDA*

Adjusted EBITDA Reconciliation

($ thousands, unaudited)

Adjusted EBITDA Reconciliation

								Pro-forma [1]
	2010	**2011**	**2012**	**Q3 2012**	**Q4 2012**	**Q1 2013**	**Q2 2013**	**Q2 2013**
Net income (loss)	86,248	105,554	61,654	(7,384)	11,828	1,409	35,812	32,716
Plus:								
Interest expense	18,482	50,580	85,572	24,423	24,791	25,349	25,943	24,380
Depreciation, depletion & amortization	97,411	176,366	243,649	63,925	67,504	65,130	66,234	47,273
Impairment of long-lived assets	–	243	0	–	–	–	–	–
Write-off of deferred loan costs	–	6,195	0	–	–	–	–	–
Loss on disposal of assets	30	40	52	1	43	–	59	59
Unrealized losses (gains) on derivative financial instruments	11,648	(20,890)	16,522	31,150	2,301	20,536	(22,985)	(22,985)
Realized losses (gains) on interest rate derivatives	5,238	4,873	2,115	84	93	101	105	105
Non-cash equity-based compensation	1,257	6,111	10,056	2,767	2,454	3,217	4,463	4,463
Income tax expense (benefit)	(25,812)	59,374	32,949	(4,154)	4,922	1,263	20,338	18,598
Adjusted EBITDA	**$194,502**	**$388,446**	**$452,569**	**$110,812**	**$113,936**	**$117,005**	**$129,969**	**$104,609**

[1] Pro-forma for Company's divestiture of its Anadarko Basin assets

Proved Developed F&D Reconciliation

Operator	Zone	Lateral Length	D+C ($MM)	EUR (3-stream)	PD F&D (D+C / EUR)
		Feet	*$MM*	*MBOE*	*$/BOE*
Laredo (LPI)	Upper Wolfcamp	7,500'	$7.8	924	$8.44
Laredo (LPI)	Middle Wolfcamp	7,500'	$7.8	793	$9.84
Laredo (LPI)	Lower Wolfcamp	7,500'	$8.5	814	$10.44
Laredo (LPI)	Cline	7,500'	$9.0	796	$11.31
Approach (AREX)	Wolfcamp A,B,C	7,000'	$5.5	450	$12.22
Pioneer (PXD)	Wolfcamp A,B	7,000'	$7.5 – $8.5	650	$12.31
Diamondback (FANG)	Wolfcamp B	7,500'	$7.5 - $8.5	600	$13.33
Pioneer (PXD) Southern JV Area	Wolfcamp B	8,300'	$7.5 - $8.0	575	$13.48

[1] Source: Company
[2] *Midland Basin peers shown represent published drill and complete costs and type curve EURs from Approach (AREX), Diamondback (FANG), Pioneer (PXD) and Pioneer 's(PXD) southern JV acreage (See Appendix)*
[3] Calculated from publicly disclosed company data. Calculation presented as well cost / EUR (3-stream)

Hedging Program: Protect and Stabilize Cash Flows

Oil Positions As of Sept. 1, 2013

	2013	2014	2015	2016
OIL[1]	Remainder of year			
Puts:				
Hedged Volume (Bbls)	360,000	540,000	456,000	-
Average price ($/Bbl)	$65.00	$75.00	$75.00	$-
Swaps:				
Hedged Volume (Bbls)	1,017,000	2,157,496	-	-
Average price ($/Bbl)	$99.65	$94.44	$-	$-
Collars:				
Hedged Volume (Bbls)	256,000	726,000	2,222,500	1,860,000
Average floor price ($/Bbl)	$79.38	$75.45	$79.43	$80.00
Average ceiling price ($/Bbl)	$121.67	$129.09	$101.82	$91.37
Total Volume w/floor (Bbls)	**1,633,000**	**3,423,496**	**2,678,500**	**1,860,000**
Wtd. avg floor price ($/Bbl)	**$88.00**	**$86.66**	**$78.68**	**$80.00**

Natural Gas Positions As of Sept. 1, 2013

	2013	2014	2015
NATURAL GAS[2]	Remainder of year		
Puts:			
Hedged Volume (MMBtu)	-	-	-
Average price ($/MMBtu)	$-	$-	$-
Swaps:			
Hedged Volume (MMBtu)	-	-	-
Average price ($/MMBtu)	$-	$-	$-
Collars:			
Hedged Volume (MMBtu)	4,280,000	9,600,000	8,160,000
Average floor price ($/MMBtu)	$3.01	$3.00	$3.00
Average ceiling price ($/MMBtu)	$4.68	$5.50	$6.00
Total Volume w/floor	**4,280,000**	**9,600,000**	**8,160,000**
Wtd. average floor price[3]	**$3.91**	**$3.93**	**$3.93**

[1] *Oil derivatives are settled based on the month's average daily NYMEX price of WTI Light Sweet Crude Oil; prices include basis swaps.*
[2] *Natural gas derivatives are settled based on NYMEX gas futures, the Northern Natural Gas Co. demarcation price, the Panhandle Eastern Pipe Line, Oklahoma ANR or the West Texas WAHA spot price of natural gas for the calculation period. The basis swap derivatives are settled based on the differential between the NYMEX gas futures and the West Texas WAHA index gas price.*
[3] *$/Mcf is converted based upon Company average BTU content of 1.311; prices include basis swaps*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