NBL

noble energy

Energizing the World,
Bettering People's Lives®

FOURTH QUARTER 2015 SUPPLEMENTAL INFORMATION

Forward-looking Statements and Other Matters

This presentation contains certain “forward-looking statements” within the meaning of the federal securities law. Words such as “anticipates,” “believes,” “expects,” “intends,” “will,” “should,” “may,” “estimate,” and similar expressions may be used to identify forward-looking statements. Forward-looking statements are not statements of historical fact and reflect Noble Energy’s current views about future events. They include estimates of oil and natural gas reserves and resources, estimates of future production, assumptions regarding future oil and natural gas pricing, planned drilling activity, future results of operations, projected cash flow and liquidity, business strategy and other plans and objectives for future operations. No assurances can be given that the forward-looking statements contained in this presentation will occur as projected, and actual results may differ materially from those projected. Forward-looking statements are based on current expectations, estimates and assumptions that involve a number of risks and uncertainties that could cause actual results to differ materially from those projected. These risks include, without limitation, the volatility in commodity prices for crude oil and natural gas, the presence or recoverability of estimated reserves, the ability to replace reserves, environmental risks, drilling and operating risks, exploration and development risks, competition, government regulation or other actions, the ability of management to execute its plans to meet its goals and other risks inherent in Noble Energy’s business that are discussed in its most recent Form 10-K and in other reports on file with the Securities and Exchange Commission (“SEC”). These reports are also available from Noble Energy’s offices or website, http://www.nobleenergyinc.com. Forward-looking statements are based on the estimates and opinions of management at the time the statements are made. Noble Energy does not assume any obligation to update forward-looking statements should circumstances or management's estimates or opinions change.

The SEC requires oil and gas companies, in their filings with the SEC, to disclose proved reserves that a company has demonstrated by actual production or conclusive formation tests to be economically and legally producible under existing economic and operating conditions. The SEC permits the optional disclosure of probable and possible reserves, however, we have not disclosed our probable and possible reserves in our filings with the SEC. We use certain terms in this presentation, such as “MMBoe type curve”. These estimates are by their nature more speculative than estimates of proved, probable and possible reserves and accordingly are subject to substantially greater risk of being actually realized. The SEC guidelines strictly prohibit us from including these estimates in filings with the SEC. Investors are urged to consider closely the disclosures and risk factors in our most recent Form 10-K and in other reports on file with the SEC, available from Noble Energy’s offices or website, http://www.nobleenergyinc.com.

This presentation also contains certain historical non-GAAP measures of financial performance that management believes are good tools for internal use and the investment community in evaluating Noble Energy’s overall financial performance. These non-GAAP measures are broadly used to value and compare companies in the crude oil and natural gas industry. Please see the Noble Energy’s respective earnings release for reconciliations of the differences between any historical non-GAAP measures used in this presentation and the most directly comparable GAAP financial measures.

4Q15 Key Messages and Highlights

High-quality portfolio delivering tremendous operating results

- **4Q15 Discretionary Cash Flow* and Operating Cash Flows in Excess of Capital**
- **Continued Trend to Lower Production Costs**
  - LOE/BOE of $3.76, down 36% versus 4Q14
- **Sales Volumes of 422 MBoe/d, Above Increased Guidance Range**
  - Strong operational performance across all core areas
- **Further Enhancement in U.S. Onshore Performance**
  - Realizing normalized costs for long laterals under $3 MM in Wells Ranch
  - Slickwater completions outperforming in DJ Basin
  - Recent Eagle Ford wells materially outperforming 3 MMBoe type curve
- **Achieved Offshore Major Project Milestones**
  - GOM – Big Bend, Dantzler online ahead of schedule
  - Gunflint on track for mid-year 2016 startup
  - Israel regulatory framework approved and implemented

** Non-GAAP reconciliation to GAAP measure available in respective earnings release.*

NBL

4Q15 Performance Versus Guidance

Strong execution from operational momentum

Financial and Operating Metric	4Q Guidance	4Q Actuals
Total Sales Volumes (MBoe/d)	385 - 405 Original 405 - 415 Updated	422
Product Mix (Oil / Gas / NGL)	32% / 54% / 14%	33% / 53% / 14%
Organic Capital ($MM)	575 - 675	527
Equity Investment Income ($MM)	30 - 40	30
Lease Operating ($/Boe)	4.20 - 4.40	3.76
Transportation, Gathering ($/Boe)	2.30 - 2.50	2.19
DD&A ($/Boe)	15.25 - 15.75	17.67 *
Production Taxes (% Oil, Gas, NGL Revenues)	3.8 - 4.2	4.7
Exploration ($MM)	70 - 100	85 **
G&A ($MM)	110 - 125	89
Interest, Net ($MM)	80 - 90	80

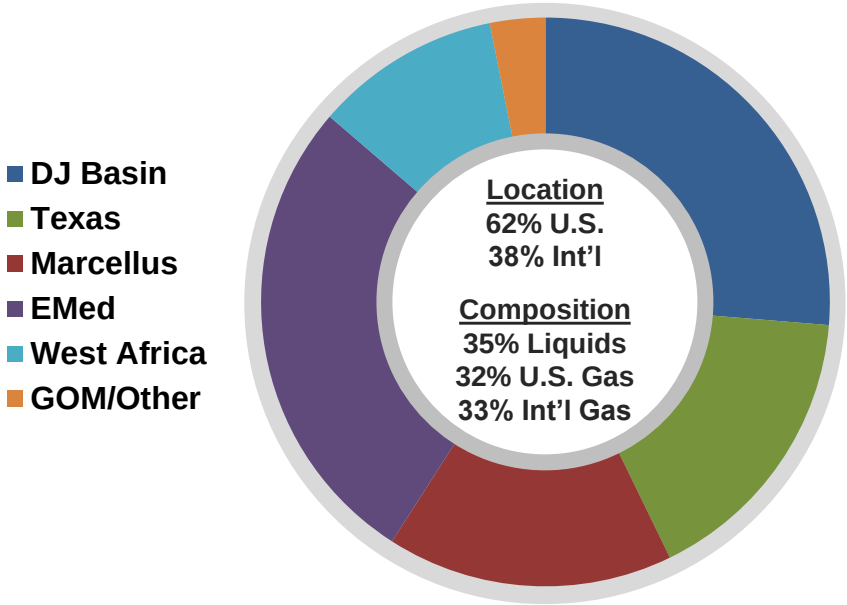
Financial Reconciliation	4Q ($MM)
GAAP Net Loss	(2,028)
GAAP Net Loss, Before Tax	(1,627)
Adjustments to Net Loss, Before Tax	1,573
Adjusted Net Loss, Before Tax	(54)
Tax Benefit, Adjusted	245
Adjusted Net Income	191 ***

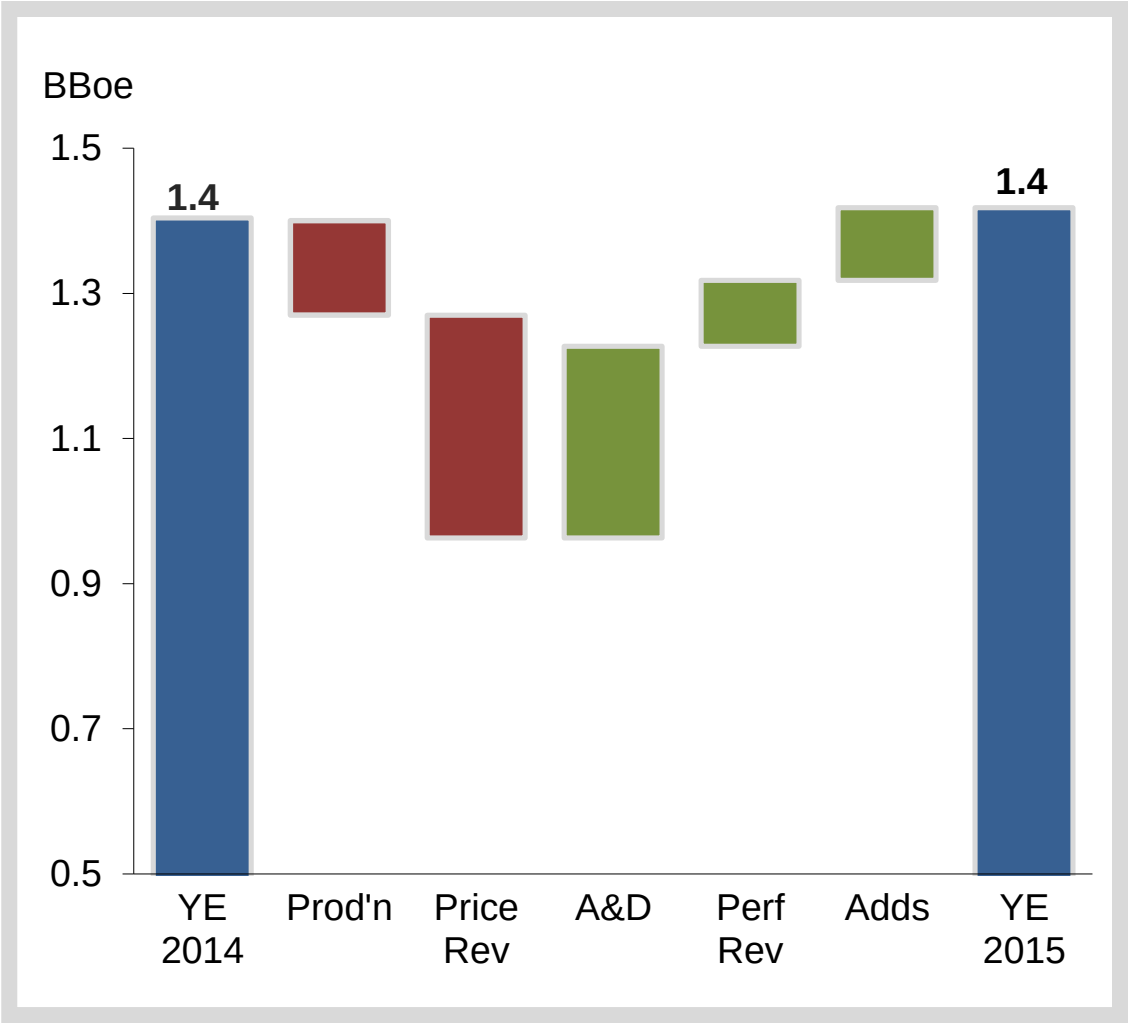
** Reflects impacts of year-end commodity price reserve revisions*
*** Reflects the adjustment totaling $95 million for Nevada exit*
**** Non-GAAP reconciliation to GAAP measure available in respective earnings release.*

NBL

2015 Proved Reserves

Additions and performance revisions more than offset full year production





- **1.5* Times Reserve Replacement in 2015**
  - Unconventional reserve replacement was 2.3* times
  - Organic reserve replacement costs of approximately $16/BOE (excludes price impacts)
- **Proved Developed Increased to 66% of Total Proved**
- **11-Year R/P Based on 2015 Production**
- **PUDs Significantly Below 5-Year Limit**

**Excluding price revisions and acquisition.*

2015 Summary Review

Outstanding operational and strategic execution

- **Aligned Capital and Cost Structure with Current Environment**
- **Record Company Safety Performance**
- **Exited 2015 with $5 Billion in Liquidity, Including $1 Billion in Cash**
- **Legacy NBL Volumes Up More Than 10% Versus 2014 and Outperformed Original Guidance**
  - DJ performance and infrastructure, Marcellus results, Israel strong demand
- **Expanded U.S. Unconventional Portfolio with New Core Assets in Eagle Ford and Delaware**
  - Initial results reflecting substantial improvement
  - NBL positioned in premier, low-cost U.S. unconventional basins
- **Total Organic Reserve Replacement (Excluding Price) of 147%**
  - U.S. Onshore replacement of 229%
- **Israel – Natural Gas Framework Implemented**

Key 2016 Goals and Objectives

Strengthen financial position and maintain capacity for long-term value

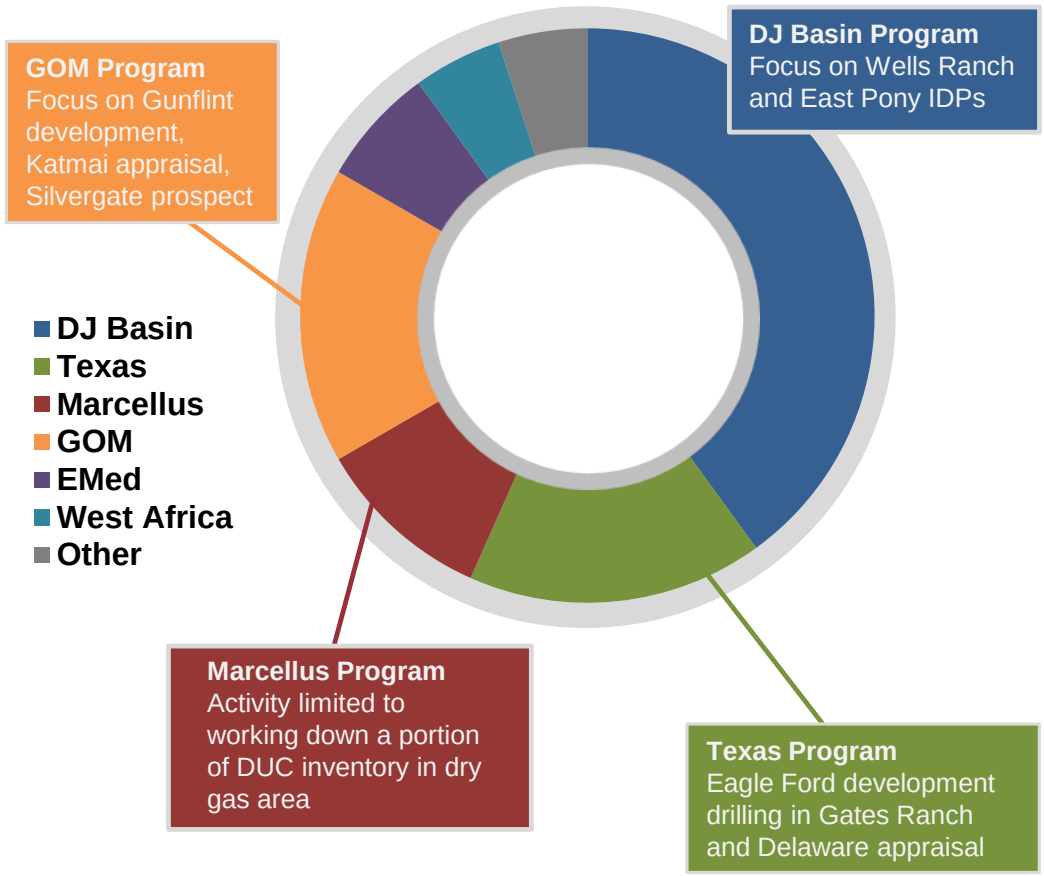
- **Protect Balance Sheet**
  - Disciplined and flexible investment plan
- **Ensure Total Cash Inflows Match or Exceed Total Cash Outflows**
  - Capex program estimated at $1.5 billion, 50% lower than 2015 pro-forma
  - Average sales expected at 390 MBoe/d, up 10% from 2015 reported
- **Maintain Company Capabilities and Build Long-Term Optionality**
- **Leverage Benefits of a Well-positioned and Diversified Portfolio**
- **Optimize Returns With Enhanced Completions in Best Areas and Targeted Cost Reductions**
- **Portfolio Proceeds Become Opportunities for De-Levering**

$1.5 Billion 2016 Capital Program

Disciplined and prudent investment approach

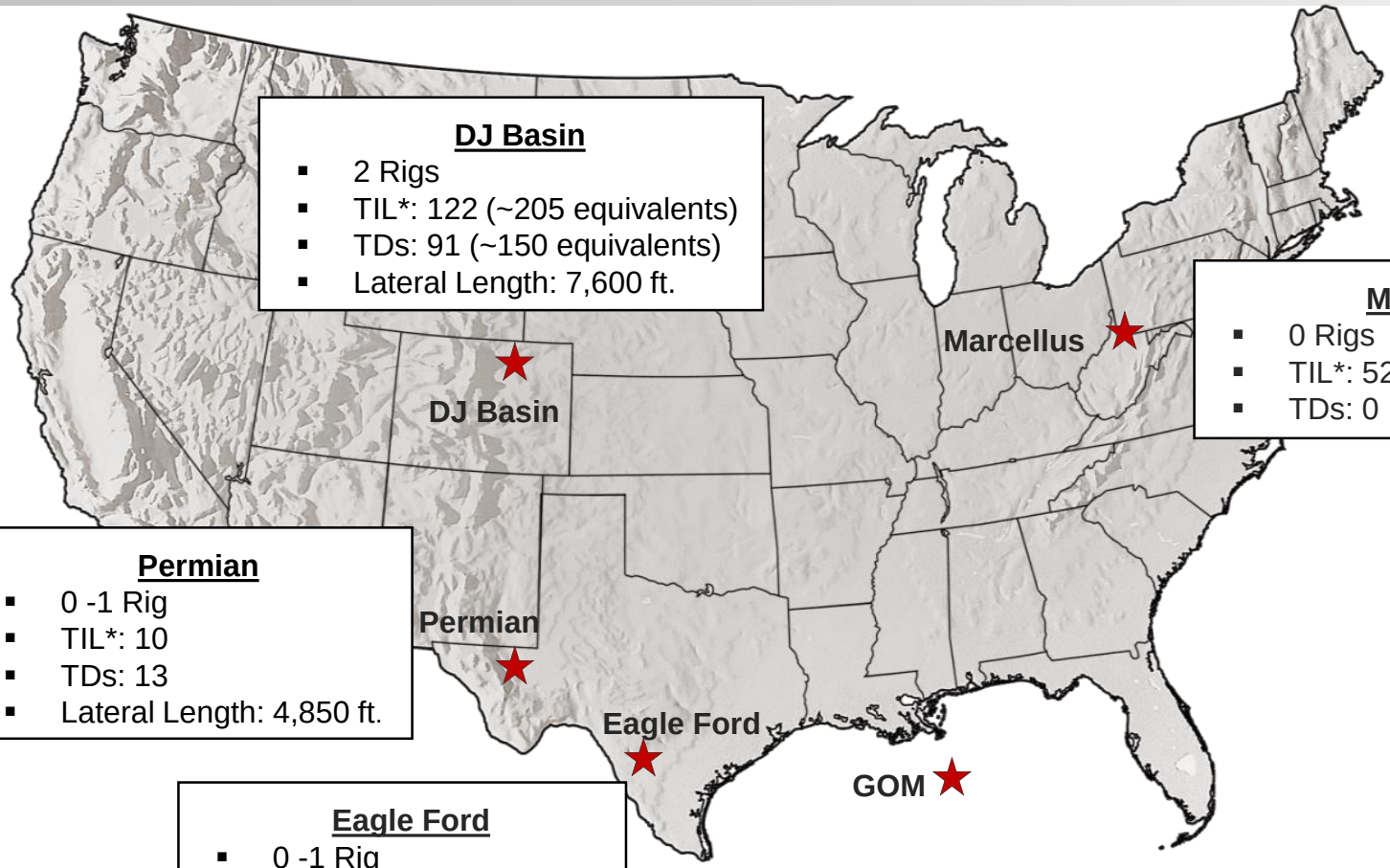
- **Significant Flexibility**
  - Majority of asset positions held by production
  - Limited committed capital
- **U.S. Onshore: Focus On Best Return Areas and Maximize Use of Existing Infrastructure**
- **Progress Existing Major Projects**
  - Gunflint project complete mid-2016
  - Alba compression project completion
  - Position for EMED FID
- **Exploration Focused on U.S. GOM Drilling**
  - Silvergate prospect and Katmai appraisal

$1.5 Billion Capex
390 MBoe/d Volumes



2016 U.S. Activity Summary

Focus on best return assets; exploration and appraisal in GOM

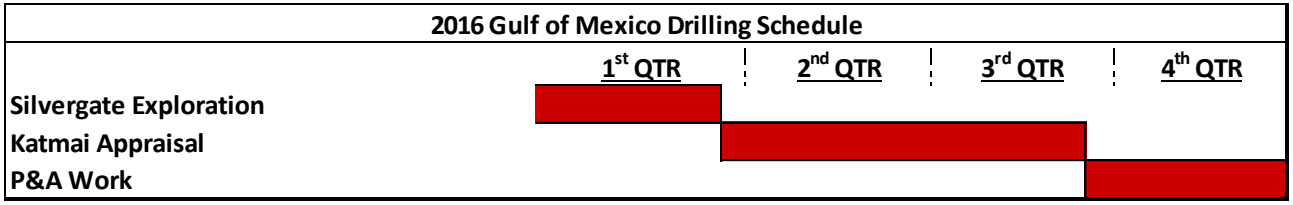


DJ Basin
- 2 Rigs
- TIL*: 122 (~205 equivalents)
- TDs: 91 (~150 equivalents)
- Lateral Length: 7,600 ft.

Marcellus
- 0 Rigs
- TIL*: 52 (mostly non-op)
- TDs: 0

Permian
- 0 -1 Rig
- TIL*: 10
- TDs: 13
- Lateral Length: 4,850 ft.

Eagle Ford
- 0 -1 Rig
- TIL*: 24
- TDs: 13
- Lateral Length: 6,400 ft.

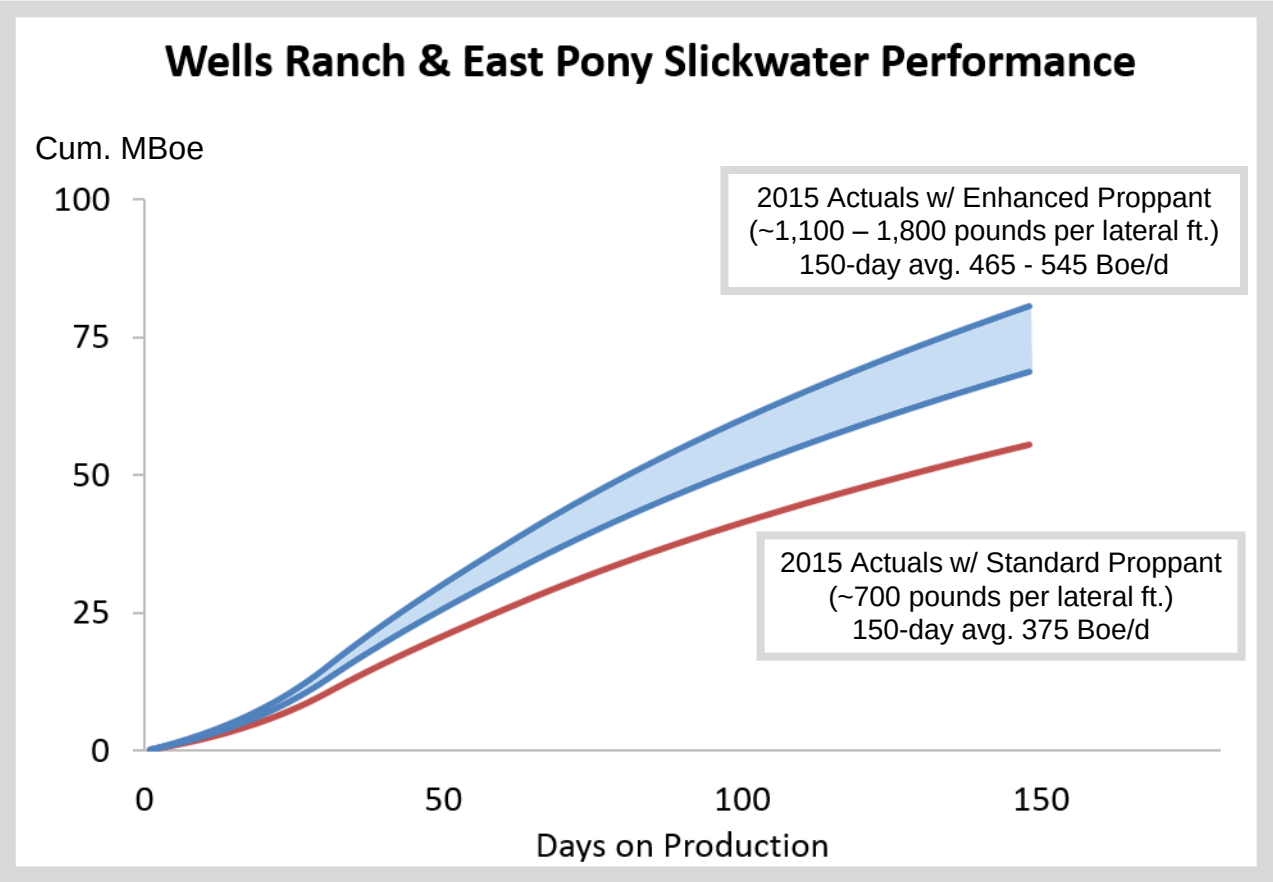


* TIL: Turned in line

Enhancing DJ Completions in Wells Ranch and East Pony

New completion designs with higher proppant and slickwater

- **Advanced Slickwater Completions with Higher Proppant Concentration**
  - Testing range of 1,100-1,800 pounds per foot
- **Early Results Encouraging**
  - 20%+ initial production uplift versus standard slickwater with flattened decline observed
  - Capitally efficient design as volume uplift exceeds incremental cost
- **Enhanced Slickwater Standard Design for 2016 Program**
  - Majority of 2016 program focused on Wells Ranch long laterals

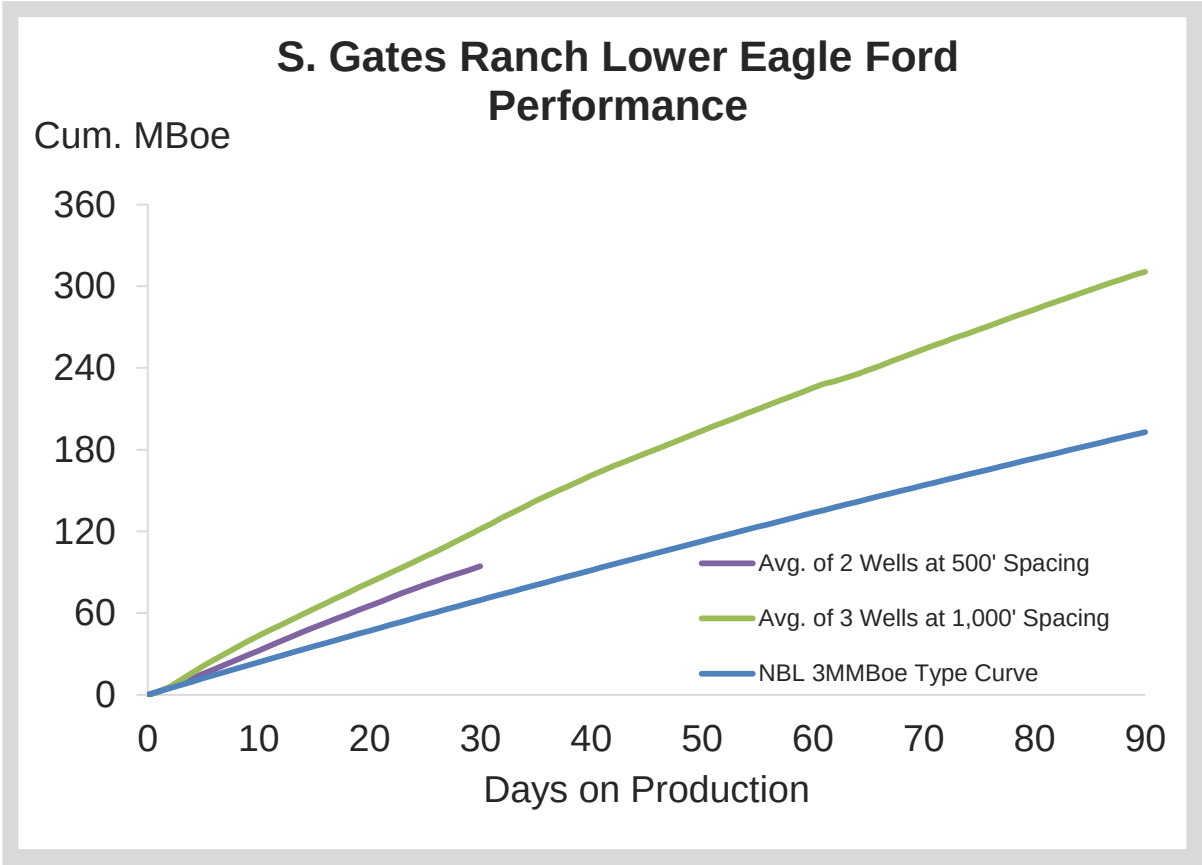


Note: Normalized to 4,500' laterals and gross three-stream volumes.

Impressive Results In the Eagle Ford

New completion designs ahead of expected performance

- **NBL Drilling and Completing Some of the Most Productive Wells in the Eagle Ford**
  - Combination of tier-1 acreage with NBL enhanced completions
  - Drilling times materially reduced
- **Very Encouraging Well Results on Tighter Lateral Spacing**
  - 500 foot lateral spacing results outperforming wider spacing type curve
- **2016 Plan Focused on Gates Ranch and Testing Enhanced Completions in New Areas**
- **Eagle Ford Production Mix: 22% Oil, 38% NGL and 40% Gas**

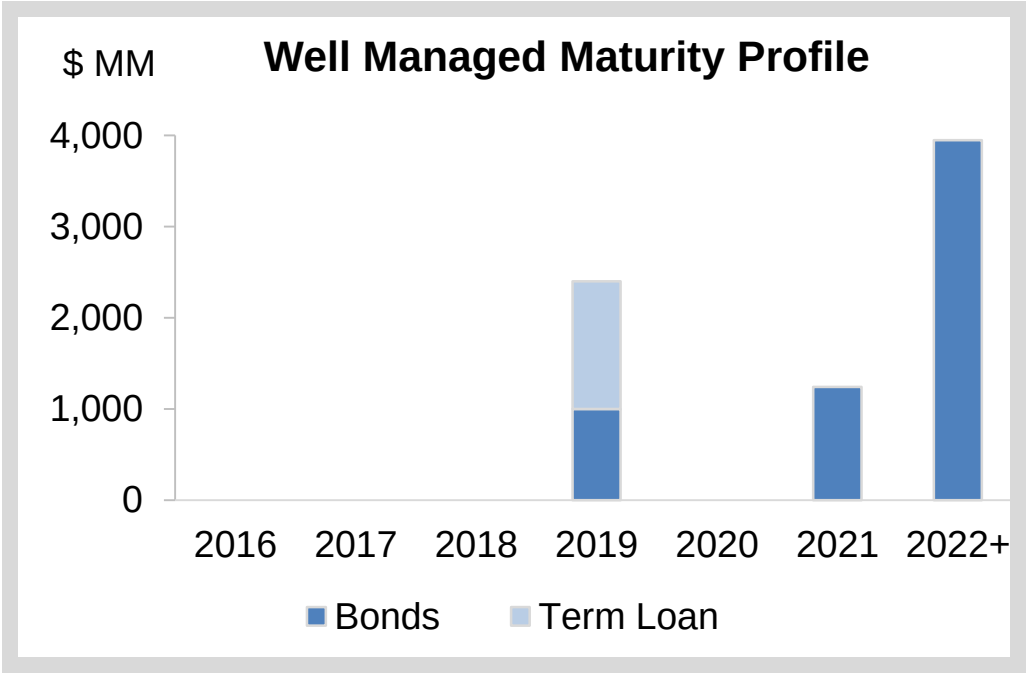


Note: Normalized to 5,000' lateral and gross three-stream volumes.

Financial Position

Focused on maintaining liquidity and deleveraging opportunities

- **$5 Billion of Liquidity***
  - $1 B cash and $4 B undrawn revolver (2020 maturity)
- **Debt-to-Capital of 40%** Well Below 65% Covenant Level**
- **2016 Hedge Position: 38% of Global Oil Volumes and 26% of U.S. Gas**
  - Projected 2016 hedge settlements of $700 MM***
- **$200 MM Asset Sale Proceeds Received in 1Q16**
- **Dividend Adjustment and Debt Refinancing**
  - Up to $200 MM annual cash benefit
  - Term loan provides de-leveraging flexibility



Note: Maturity profile reflects January 2016 tender offer and new term loan agreement

**Liquidity defined as cash on hand plus unused credit capacity.*
***Adjusted for impairments to reflect debt facility calculation.*
**** Based on forward strip pricing as of January 25, 2016.*

2016 Guidance

	2016 Estimate	1Q16 Estimate
Sales Volumes (MBoe/d)	390	395 - 405
Product Mix (Oil / NGL / Gas)	32% / 13% / 55%	32% / 14% / 54%
Organic Capital ($B)	1.5	0.4 - 0.5
Equity Investment Income ($MM)	90 - 110	15 - 25
Lease Operating ($/Boe)	4.20 - 4.50	4.80 - 4.95 *
Transportation, Gathering ($/Boe)	2.90 - 3.10**	2.90 - 3.10
DD&A ($/Boe)	16.00 - 16.50	16.75 - 17.25
Production Taxes (% Revenues)	4.7 - 5.2	4.7 - 5.2
Marketing and Processing ($MM)	80 - 100	20 - 25
Exploration ($MM)	330 - 380	130 - 170
G&A ($MM)	410 - 440	100 - 110
Interest, net ($MM) ***	310 - 330	75 - 85

** First quarter 2016 LOE includes Isabela workover in the Gulf of Mexico*
*** In 2016, Marcellus gas processing fees are charged to transportation expense rather than as a reduction to revenue (2015)*
**** Capitalized interest is estimated to be $100 million*

NBL

noble energy

Energizing the World,
Bettering People's Lives®