



GOODRICH
PETROLEUM CORPORATION

Management Presentation
December 2013

FORWARD LOOKING STATEMENTS

GOODRICH PETROLEUM CORPORATION

Headquartered: Houston, Texas

(NYSE : GDP)

Certain statements in this presentation regarding future expectations and plans for future activities may be regarded as "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. They are subject to various risks, such as financial market conditions, operating hazards, drilling risks and the inherent uncertainties in interpreting engineering data relating to underground accumulations of oil and gas, as well as other risks discussed in detail in the Company's Annual Report on Form 10-K and other filings with the Securities and Exchange Commission. Although the Company believes that the expectations reflected in such forward-looking statements are reasonable, it can give no assurance that such expectations will prove to be correct.

Proved reserves described in this presentation meet definitions and guidelines of the U.S. Securities and Exchange Commission (SEC) for such reserves. We have also included in this presentation internally generated estimates of non-proved or 3P (proved+probable+possible) reserves, resources and well locations, or potential non-proved or 3P reserves, resources and well locations. These estimates are inherently more speculative than our estimates of proved reserves and there is no assurance that we will drill these wells or recover these hydrocarbon quantities. Our probable and possible resource potential included herein is based on internal estimates and our ultimate recovery will be dependent upon numerous factors including actual geological conditions, the impact of future oil and gas pricing and exploration costs, and our future drilling decisions and budgets based upon our future evaluation of risk, returns and the availability of capital.

The SEC has generally permitted oil and gas companies in their filings with the SEC to disclose only reserves meeting SEC definitions and guidelines and only separately by reserve category.

MARKET DATA

GOODRICH PETROLEUM CORPORATION

Headquartered: Houston, Texas

(NYSE : GDP)

Market Data as of December 4, 2013

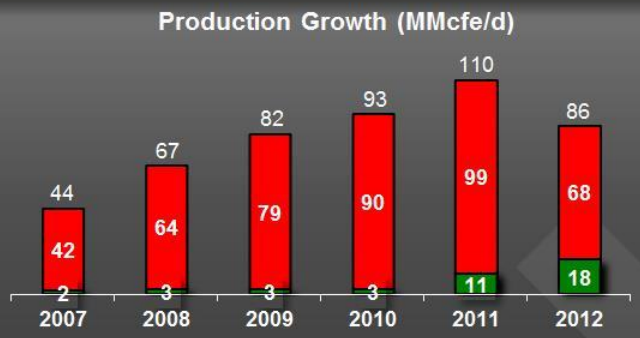
- Price: $19.84 Per Share
- Shares Outstanding (Basic)[1]: 43.7 Million
- Market Capitalization: $866.5 Million
- Enterprise Value: $1.6 Billion
  - Enterprise Value / Resource Potential (all objectives)[2] – $0.16 per Mcfe ($0.99 per BOE)
- Insider Ownership: approximately 21%
- Public Float: 34.3 Million Shares
- 52 Week Price Range: $7.95 – $28.55
- Average Daily Volume (3 months): 1.8 Million Shares

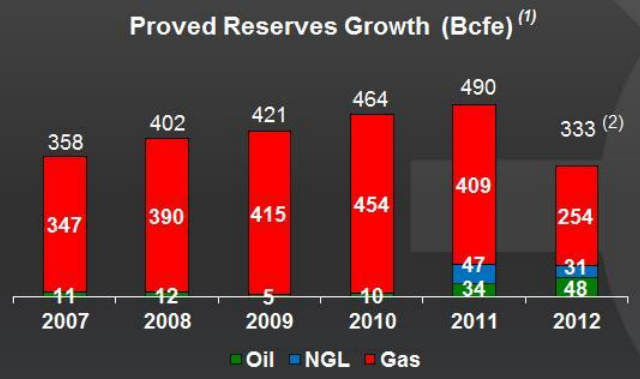
(1) Proforma for 6.9 million share common stock offering that closed in October 2013.

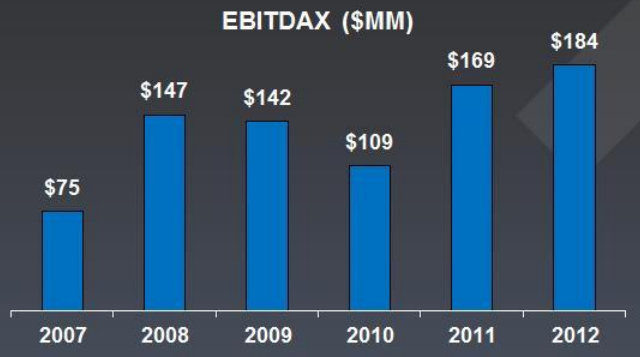
(2) See assumptions on the "Drilling Inventory" slide.

COMPANY PROFILE & STRATEGY

GOODRICH PETROLEUM CORPORATION







- Large core acreage position with 556,000 gross (411,000 net) acres in Texas, Louisiana and Mississippi, with over 9.5 Tcfe of resource potential:
  - 300,000+ net acres in the Tuscaloosa Marine Shale
  - Approximately 30,000+ net acres in the oil window of the Eagle Ford Shale in La Salle and Frio counties Texas
  - 70,000 net acres prospective in the Haynesville Shale (42,000 net acres in the core of North Louisiana and Angelina River Trend of Shelby Trough)
- Growing oil production and cash margin expansion from oil directed activity in the Eagle Ford Shale & Tuscaloosa Marine Shale Trends
  - 2013 budget of $255 million with 85% of drilling capex allocated to oil exposure, with 30% - 40% estimated oil volume growth
  - Preliminary 2014 budget of $375 million with $300 million allocated to TMS pending continued success

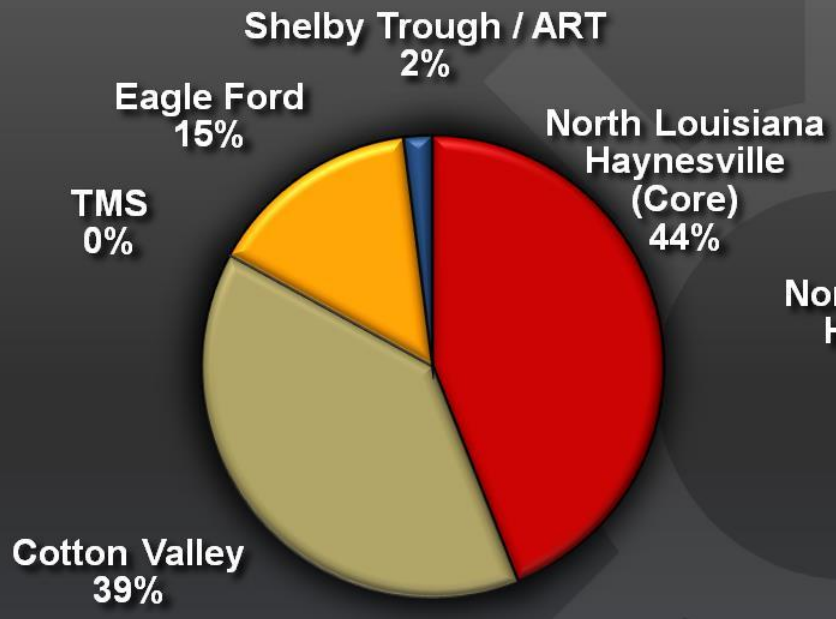
(1) Prices used in the calculation of reserves are based on SEC parameters. Gas and oil prices are as follows: 2009 - $3.87/MMbtu, $57.65/Bbl; 2010 - $4.38/MMbtu, $75.96/Bbl; 2011- $4.12/MMbtu, $92.71/Bbl; 2012- $2.78/MMbtu, $91.21/Bbl;

(2) 33% of 2012 Drilling & Completion Capital Expenditures were spent on converting oil PUD Reserves to PDP Reserves

RESERVE AND RESOURCE POTENTIAL

GOODRICH PETROLEUM CORPORATION

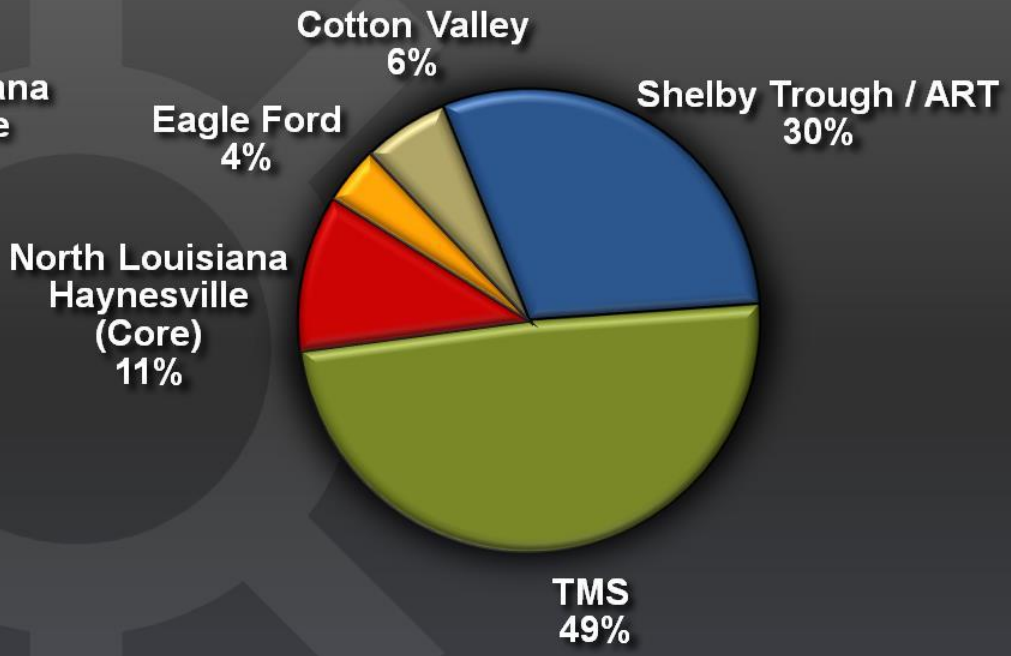
YE'12 Proved Reserves by Area



Total = 333 Bcfe (55.5 MMBoe)

3P Resource Potential by Area

(Unrisked) (1)



Total = 9,573 Bcfe (1,596 MMBoe)

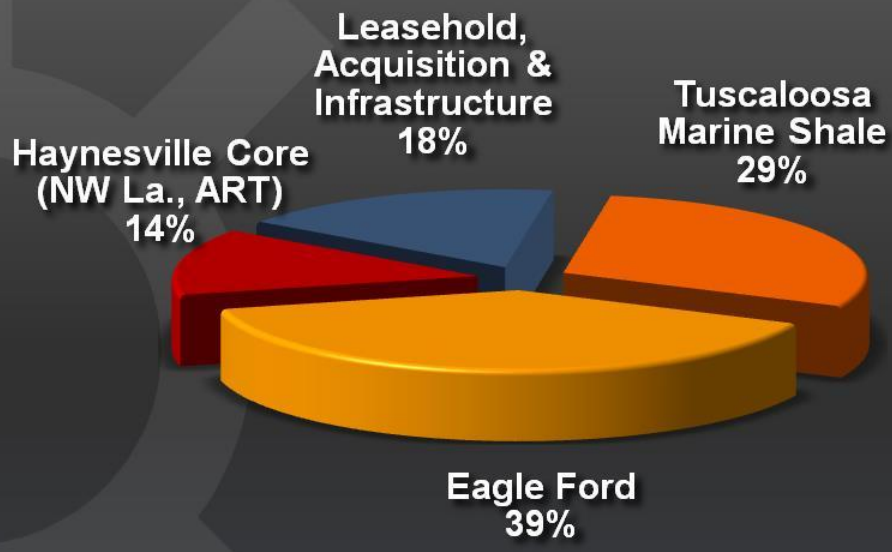
(1) Internal estimates. Actual reserves dependent upon pricing and cost assumptions. See assumptions on the Drilling Inventory slide.

2013 INCREASED CAPEX BUDGET

GOODRICH PETROLEUM CORPORATION

Area	($ MM)
Tuscaloosa Marine Shale	$75
Eagle Ford Shale	$100
Haynesville Core (NW La., ART)	$35
Leasehold, Acquisition & Infrastructure	$45
Total Capital Budget	$255

2013 Capex Allocation



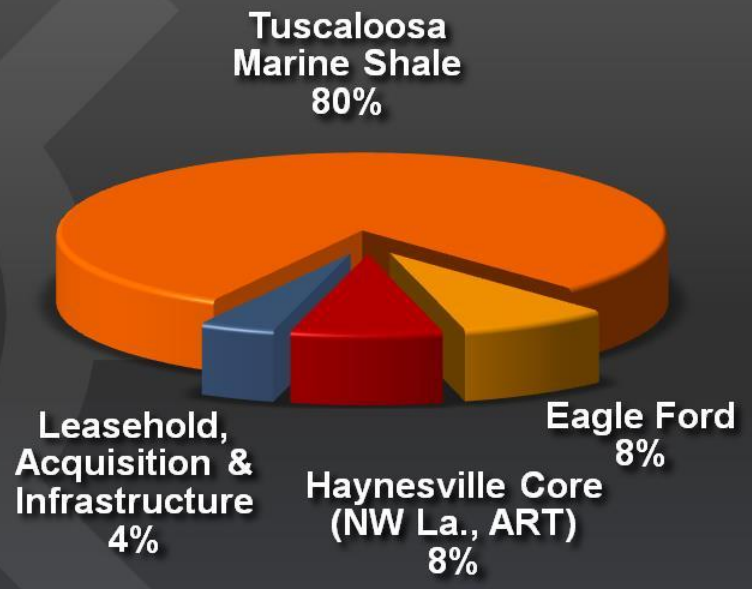
Total Increased Budget = $255 MM
Previous Budget = $230 MM

PRELIMINARY 2014 CAPEX BUDGET

GOODRICH PETROLEUM CORPORATION

Area	($ MM)
Tuscaloosa Marine Shale	$300
Eagle Ford Shale	$30
Haynesville Core (NW La., ART)	$30
Leasehold, Acquisition & Infrastructure	$15
Total Capital Budget	$375

2014 Capex Allocation

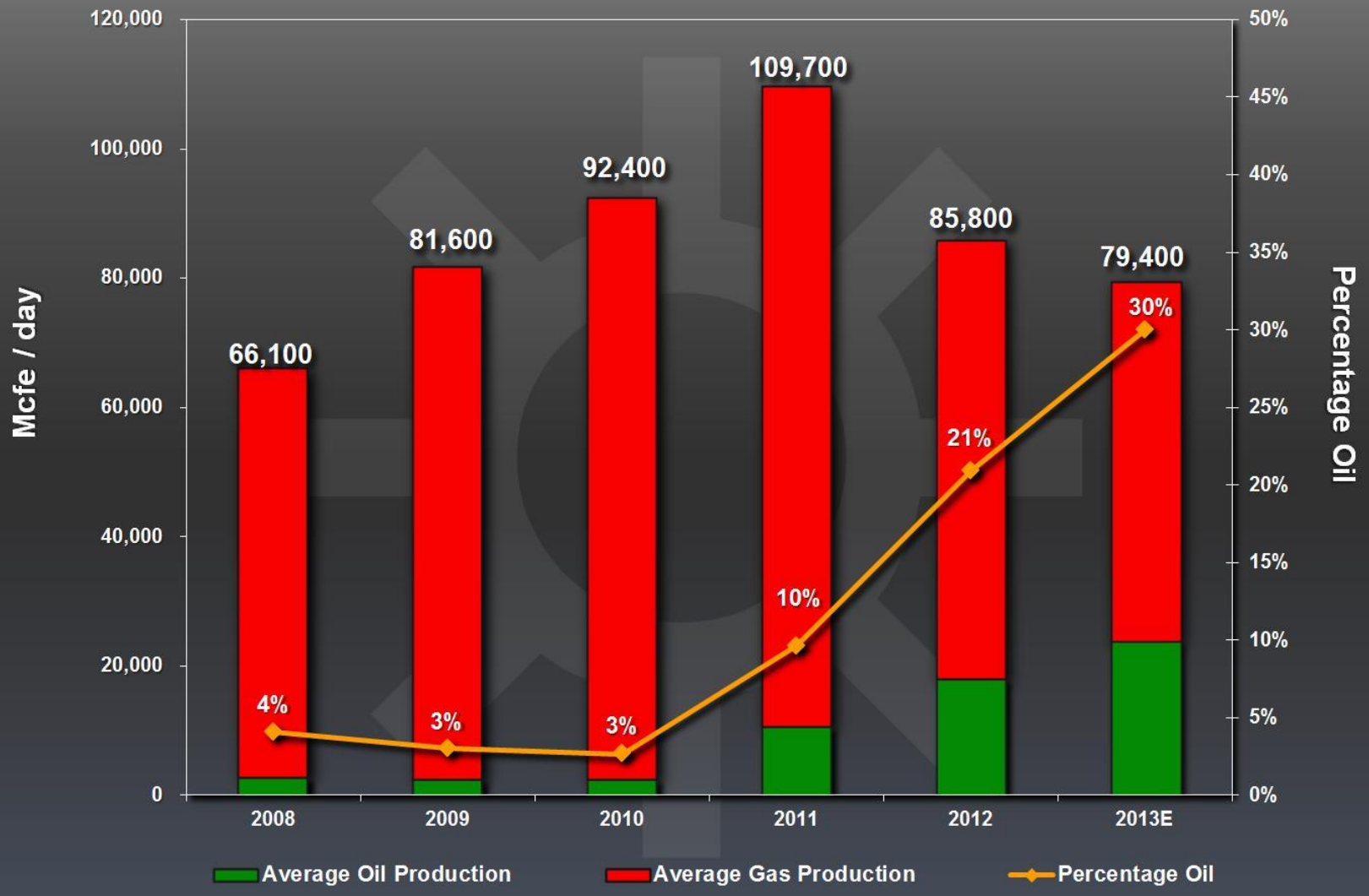


Total = $375 MM

PRODUCTION VOLUMES

GOODRICH PETROLEUM CORPORATION

(Average Net Daily Mcfe)



HEDGING SUMMARY

GOODRICH PETROLEUM CORPORATION

Daily Natural Gas & Crude Oil Hedged Volumes (NYMEX)

Natural Gas:	*2013*	*2014*	*2015*	*2016*
Swaps – (MMBtu/day)	10,000 (1)	30,000		
NYMEX Price ($/MMBtu)	$4.18	$4.76		
Extendable Swaps – (MMBtu/day)		20,000 (3)		
NYMEX Price ($/MMBtu)		$5.35		
Call Options – (MMBtu/day)			20,000 (6)	20,000 (6)
NYMEX Price ($/MMBtu)			$5.06	$5.06
Total Potential Natural Gas – (MMBtu/day)	10,000	50,000		
NYMEX Price ($/MMBtu)	$4.18	$5.00 (4)		

Crude Oil:	*2013*	*2014*
Total Crude Oil Swaps – (Bbls/day)	4,000 (2)	2,500
NYMEX Price ($/Bbl)	$94.79	$93.18
Extendable Swaps – (Bbls/day)		1,500 (5)
NYMEX Price ($/Bbl)		$99.77
Total Potential Crude Oil – (Bbls/day)	4,000	4,000
NYMEX Price ($/Bbl)	$94.79	$95.65 (4)

Fair Value of Net Hedge Position at 9/30/13: $1.6 MM

(1) In Q2 2013, the Company added 10,000 MMBtu/d hedged at $4.183 for October 2013 though December 2014.
(2) In Q4 2013, the Company added 500 Bbls/d hedged at $98.02 for November 2013 though December 2014.
(3) Counterparty has option to swap 20,000 MMBtu/d on 12/23/13 for 2014 at $5.35.
(4) Weighted average price includes options to swap.
(5) Counterparty has option to swap 1,500 Bbls/d at $99.77 per Bbl on 12/31/13 for 2014
(6) Counterparty has option to call 20,000 MMBtu/d for 2015 and 2016 at $5.055.

CAPITALIZATION TABLE

GOODRICH PETROLEUM CORPORATION

	9/30/13	Proforma Note Exchange, Borrowing Base Redetermination & Equity Offering (1)
	($ in 000s)	($ in 000s)
Cash	$1,901	$82,435
Restricted Cash	$109,250	$51,816
Long-term Debt (2):		
Senior Credit Facility	$142,800	$0
Convertible Senior Notes due 2026	$429	$429
Convertible Senior Notes due 2029 (3)	$109,250	$51,816
Convertible Senior Notes due 2032 (4)	$109,462	$166,462
Senior Notes due 2019	$275,000	$275,000
Total Debt	$636,941	$493,707
Total Net Debt	$635,040	$359,456
Stockholders' Equity	$216,515	$382,415
Total Capitalization	$853,456	$876,122
Total Liquidity	$102,101	$352,435

(1) *Proforma financials reflect, a privately negotiated exchange of $57.4 million in aggregate principal amount of our outstanding 2029 Notes in exchange for issuance of our 2032 Notes in an aggregate principal amount of $57.0 million, borrowing base redetermination increasing our borrowing base to $270 million, and a 6.9 million share common stock offering at a price of $25.25 /share, net proceeds of $165.9MM*

(2) *All debt instruments are reflected as the principal balances, please see our latest financial filings for the carrying amount.*

(3) *Put / Call: October 2014. Converts at $34.66 / share, 5.00% Coupon. Current financials reflect $103.2 MM, which is notional amount less current debt discount of $6.1 MM.*

(4) *First call October 2016, first put October 2017; converts at $34.66 / share, 5.00% coupon. Current financials reflect $104.6 MM, which is notional amount less current debt discount of $4.9 MM.*

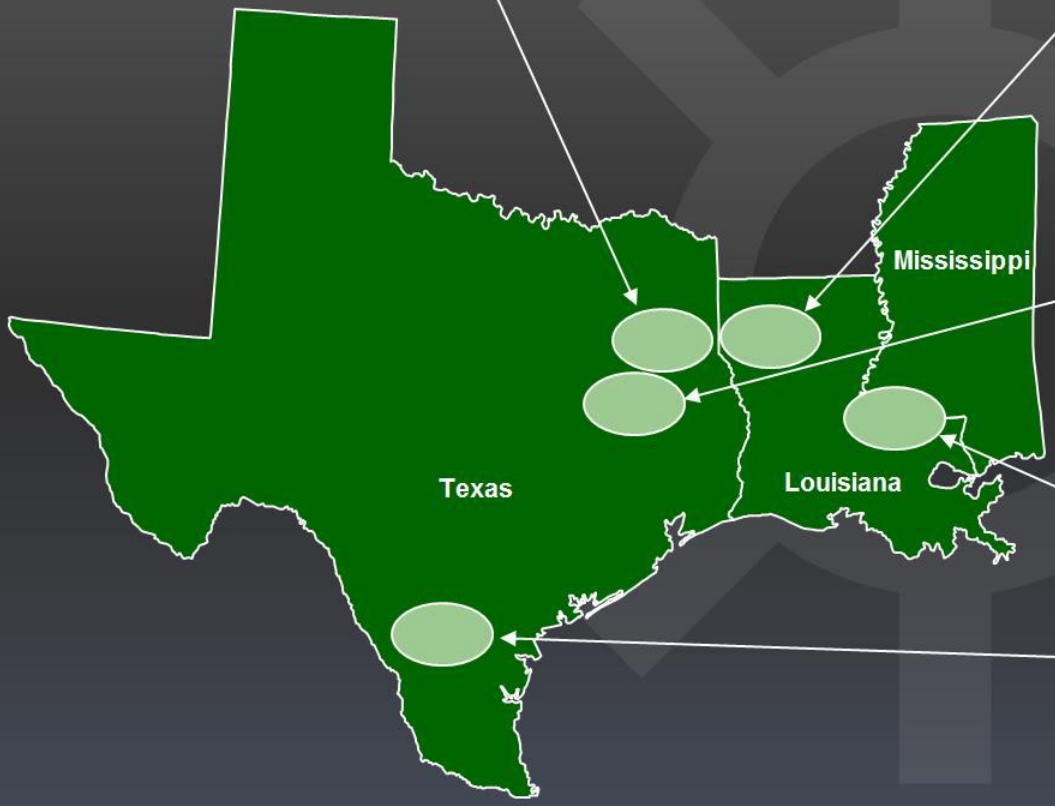
CORE PROPERTIES

GOODRICH PETROLEUM CORPORATION

Acreage: 556,000 gross (411,000 net)

EAST TEXAS – COTTON VALLEY / HAYNESVILLE

Gross (Net) Acres:	43,000 (38,000)
Proved Reserves (YE'12):	129 Bcfe
Probable/Possible Potential (1):	474 Bcfe
Objectives: Cotton Valley	



NORTH LOUISIANA – HAYNESVILLE CORE

Gross (Net) Acres:	32,000 (15,000)
Proved Reserves (YE'12):	147 Bcfe
Probable/Possible Potential (1):	820 Bcfe
Objective: Haynesville Shale (Core)	

ANGELINA RIVER TREND (SHELBY TROUGH) – HAYNESVILLE / BOSSIER

Gross (Net) Acres :	30,200 (28,000)
Proved Reserves (YE'12):	5 Bcfe
Probable/Possible Potential (1):	2,827 Bcfe
Objective: Haynesville & Bossier Shale	

TUSCALOOSA MARINE SHALE:

Gross (Net) Acres:	405,000 (300,000+)
Proved Reserves (YE'12):	0.2 MMBoe
Risked Resource Potential (1):	778 MMBoe
Objectives: Tuscaloosa Marine Shale	

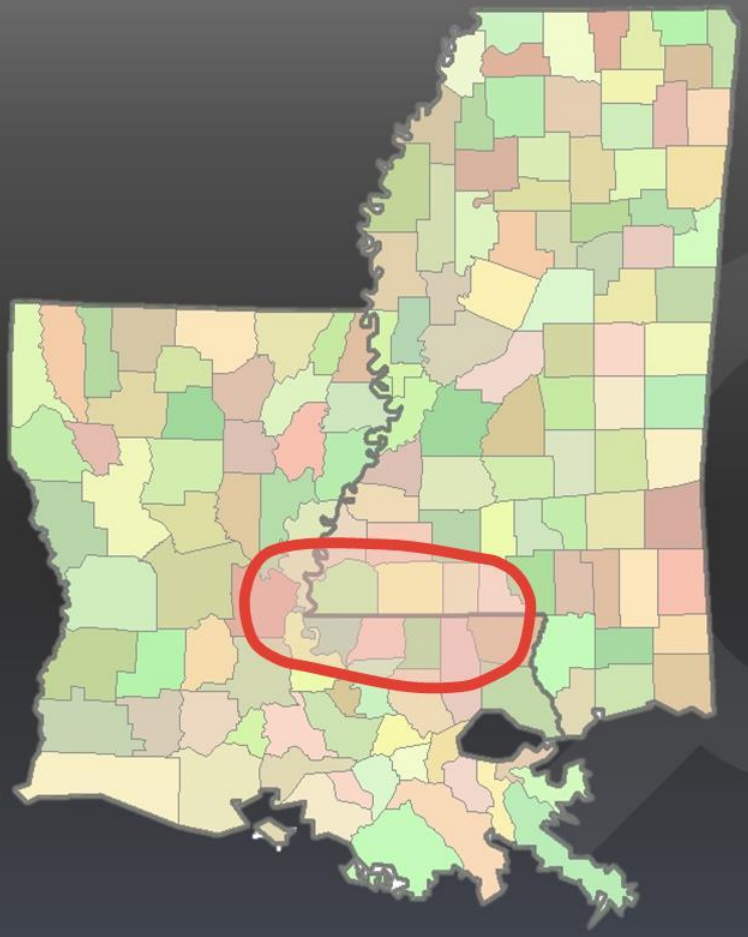
SOUTH TEXAS:

Gross (Net) Acres:	45,800 (30,000+)
Proved Reserves (YE'12):	9 MMBoe
Risked Resource Potential (1):	62 MMBoe
Objectives: Eagle Ford Shale, Pearsall Shale & Buda Lime	

(1) Internal estimates. Actual reserves dependent upon pricing and cost assumptions. See assumptions on the Drilling Inventory slide.

TUSCALOOSA MARINE SHALE

GOODRICH PETROLEUM CORPORATION

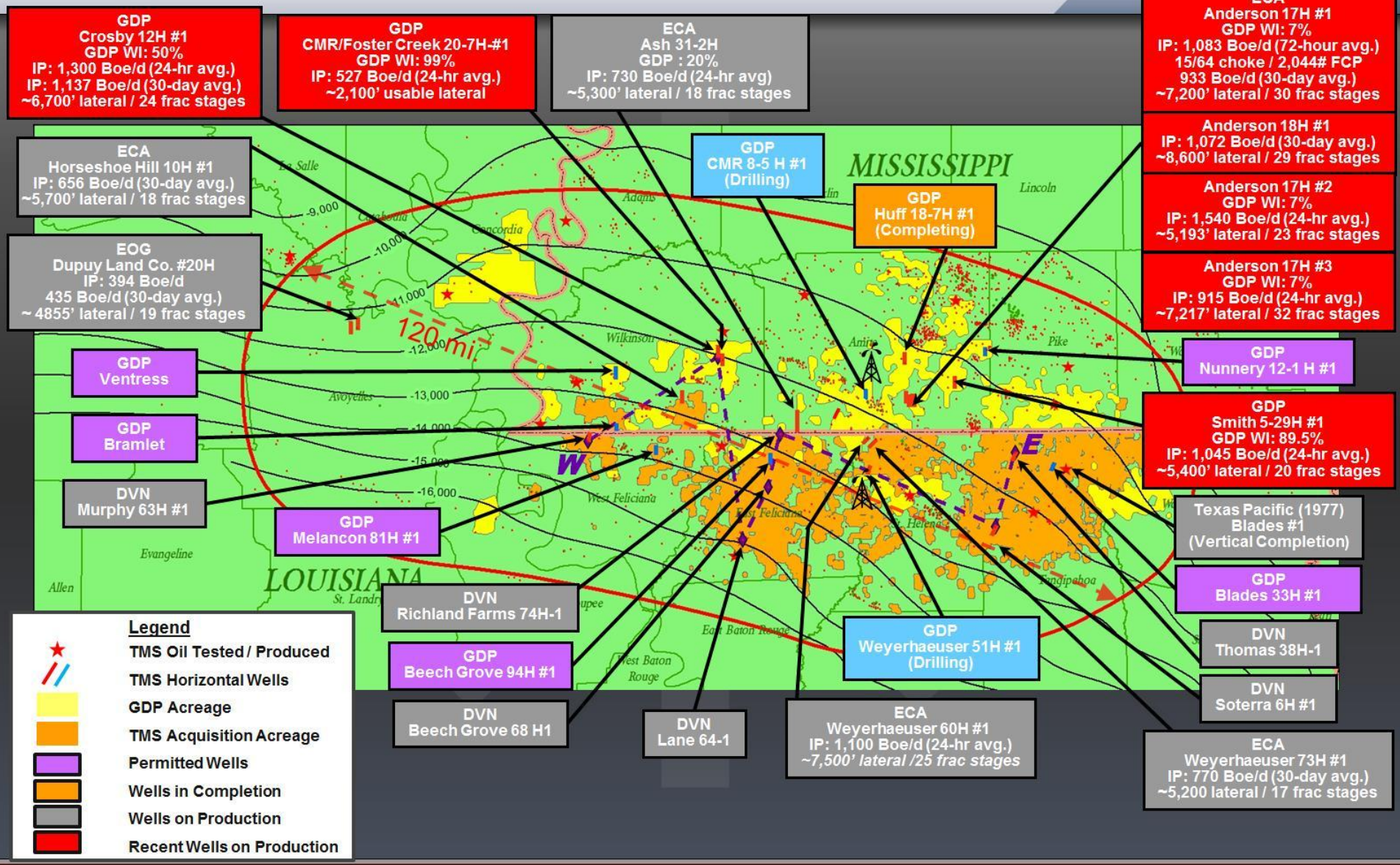


- Emerging shale oil play covering approximately 2.5 million acres
- GDP - 300,000+ net acres
- Net cost ≈ $59 million or approximately $185 / acre(1)
- Vintage wells define oil saturation and rock quality
- Average depth 10,500’ – 14,500’ TVD
- Thickness 100’ – 250’
- High quality crude (40 – 45 deg. API)
- 92 - 96% oil, High BTU gas

(1) Net cost per acre does not include the present value of the recently acquired proved reserves

TUSCALOOSA MARINE SHALE

GOODRICH PETROLEUM CORPORATION

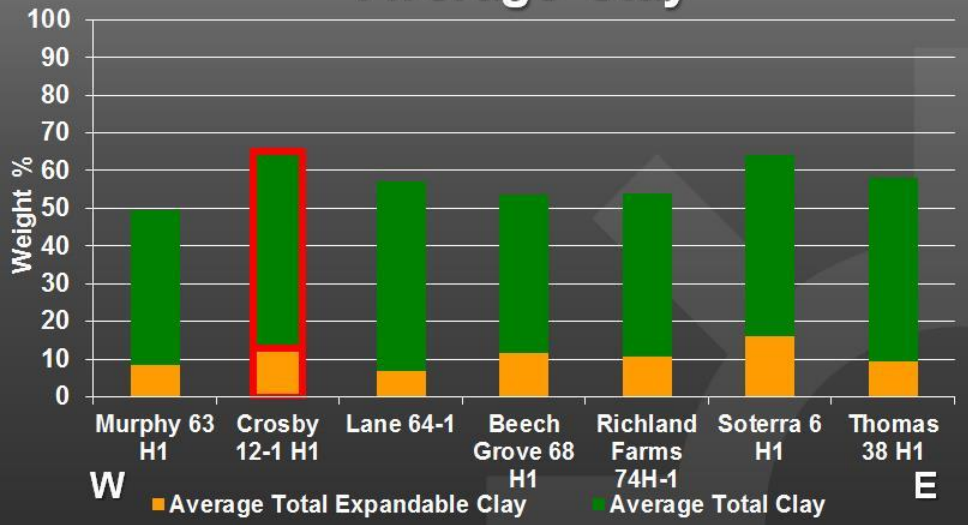


TMS Core Data

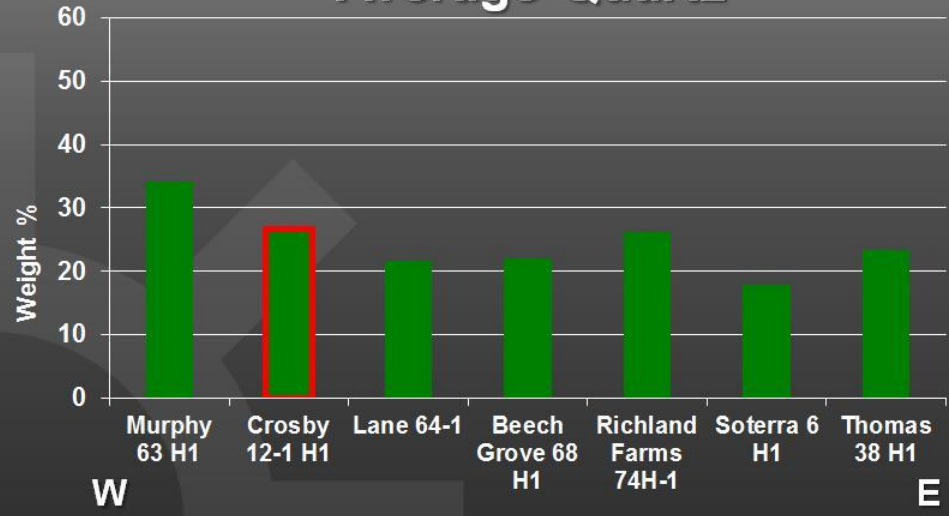
GOODRICH PETROLEUM CORPORATION

From West to East

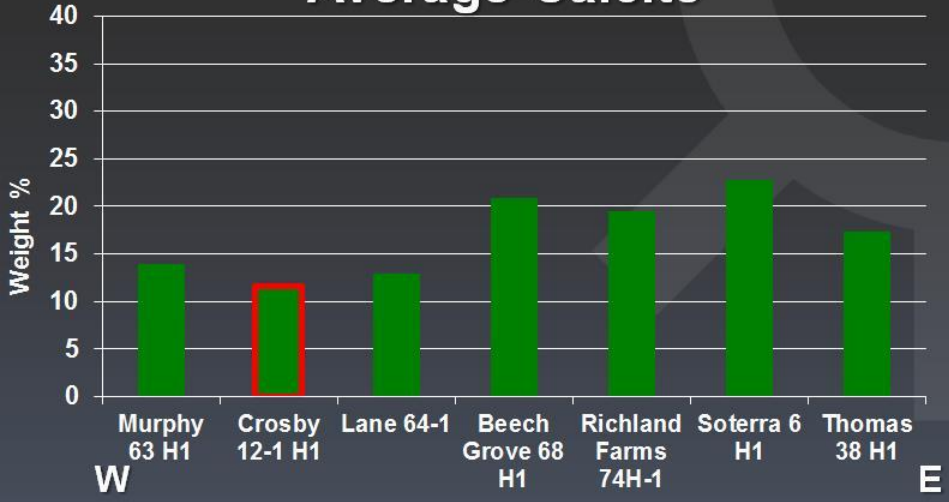
Average Clay



Average Quartz



Average Calcite



Average TOC

Source: Goodrich Petroleum Corporation.

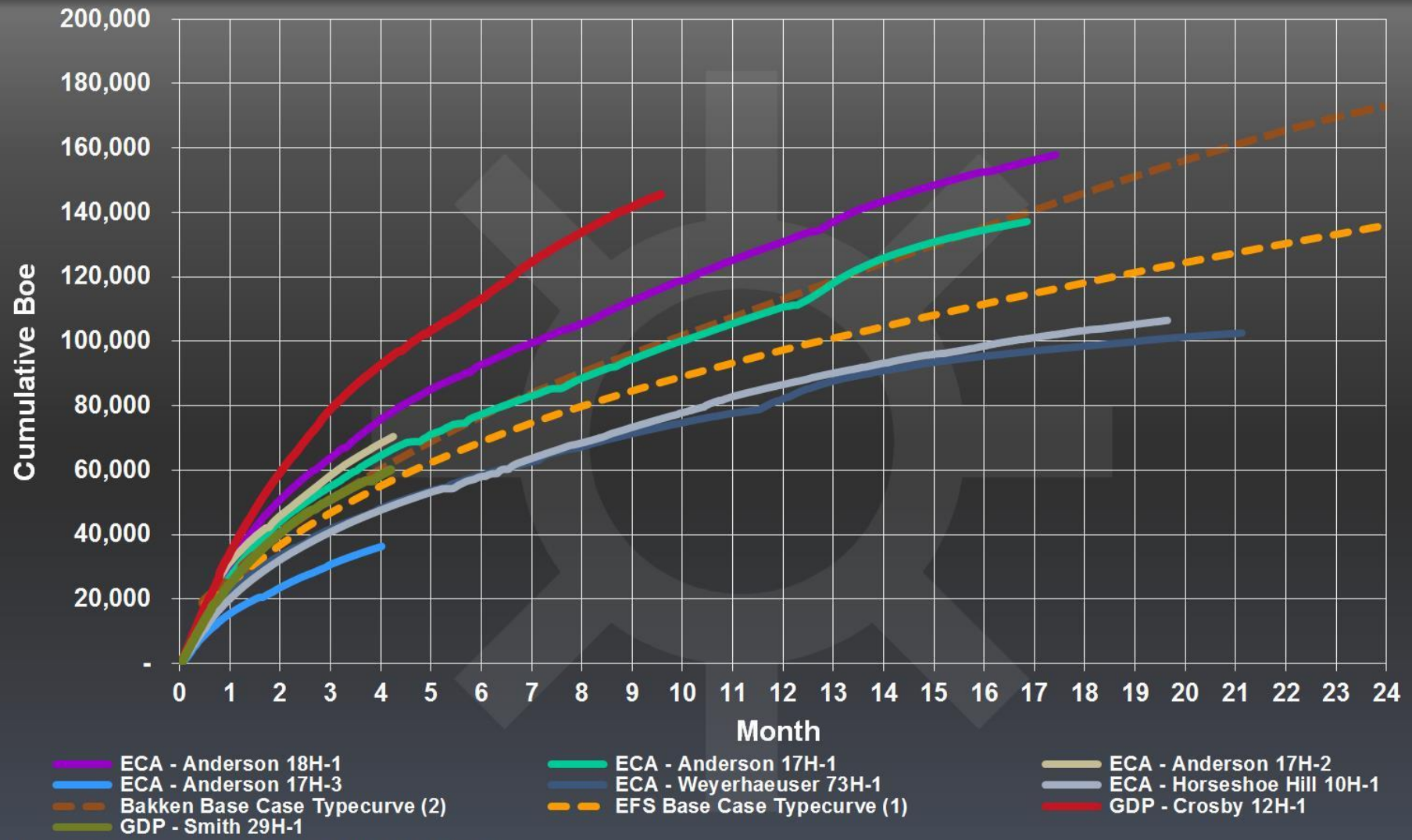
WELL COMPLETION COMPARISON

GOODRICH PETROLEUM CORPORATION

	GDP Crosby	Soterra 6	Richland Farms	Weyerhaeuser 14	Murphy	Thomas	Beech Grove
IP	1,300	35	285	390	460	402	137
IP (30)	1,137	176	320	692	506	505	85
Lateral Length	6,681	3,929	4,020	5,670	5,170	5,086	3,073
# of Stages	24	13	20	19	16	16	12
Length per Stage (ft)	270	300	225	300	300	300	225
Clusters per Stage	5	4	3	4	4	4	3
Holes per Stage	35	32	27	28	28	28	54
% Slickwater	65	9	9	0	0	0	41
Pump Rate (BPM)	75	56	40	54	42	53	49
Proppant Volume	454,000	242,000	99,000	319,000	276,000	316,000	178,000
Clay Stabilizer	CC	AY80BX	AY80BX	AY80BX	AY80BX	AY80BX	AY80BX

TMS CUMULATIVE PRODUCTION

GOODRICH PETROLEUM CORPORATION



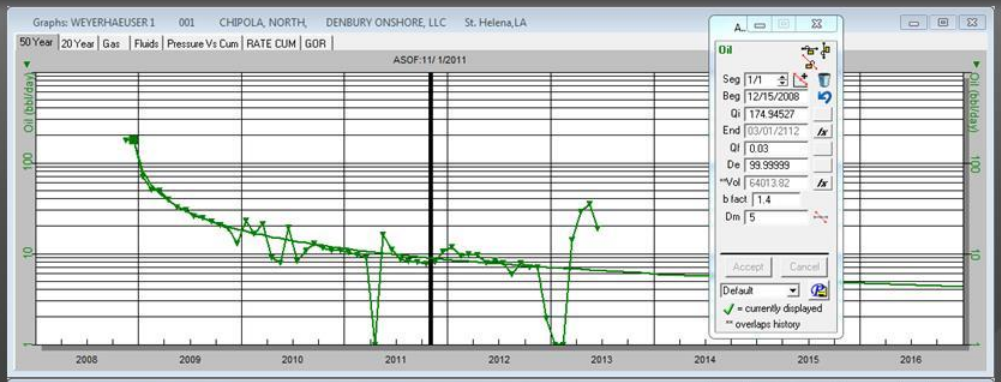
(1) *EFS Base Case Type Curve utilizes a 425,000 BOE EUR*

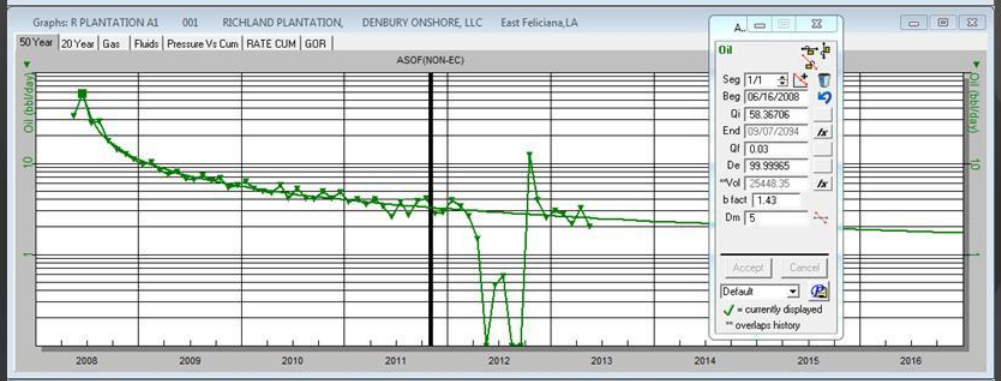
(2) *Middle Bakken utilizes a 600,000 BOE EUR; industry sources*

TMS DECLINE CURVE ANALYSIS

GOODRICH PETROLEUM CORPORATION

Initial Encore Wells





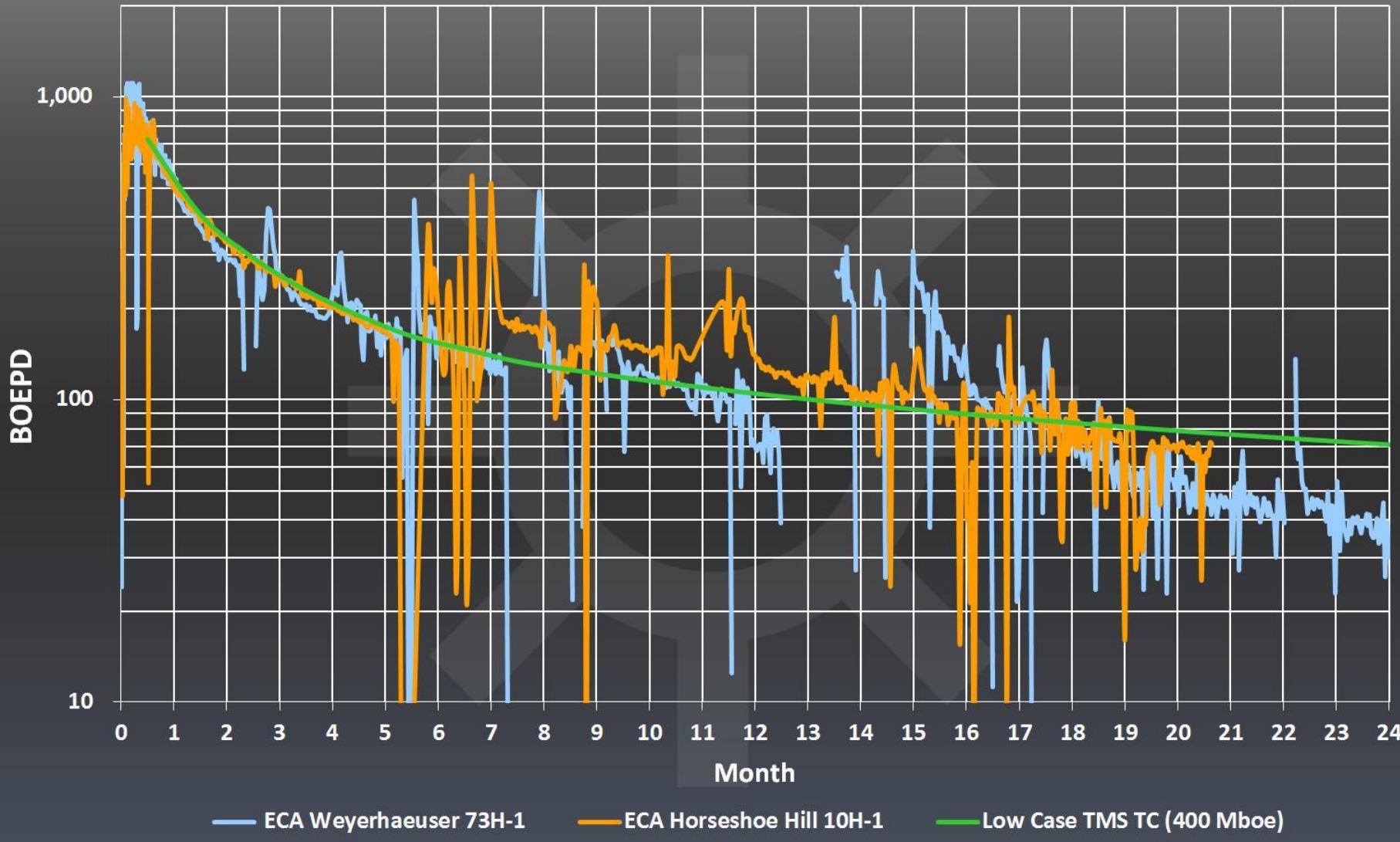
4,100' Lateral
3 Frac Stages (1,366' spacing)
1.22 b-factor
63 MBO EUR
21 MBO/Stage

3,100' Lateral
3 Frac Stages (1,033' spacing)
1.43 b-factor
46 MBO EUR
15 MBO/Stage

1,650' Lateral
3 Frac Stages (550' spacing)
1.55 b-factor
85 MBO EUR
28 MBO/Stage

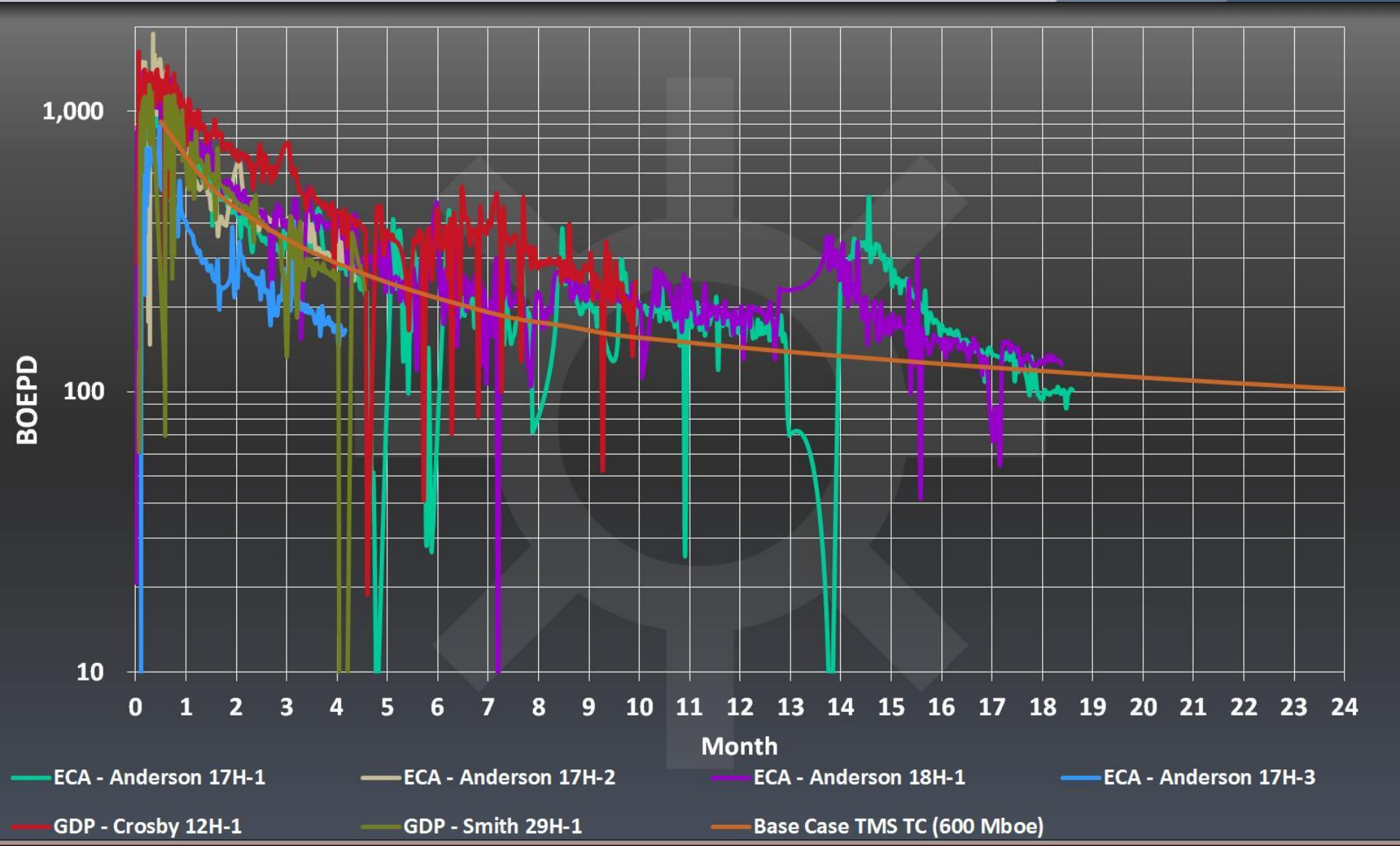
TMS LOW CASE TYPE CURVE (400 MBOE)

GOODRICH PETROLEUM CORPORATION



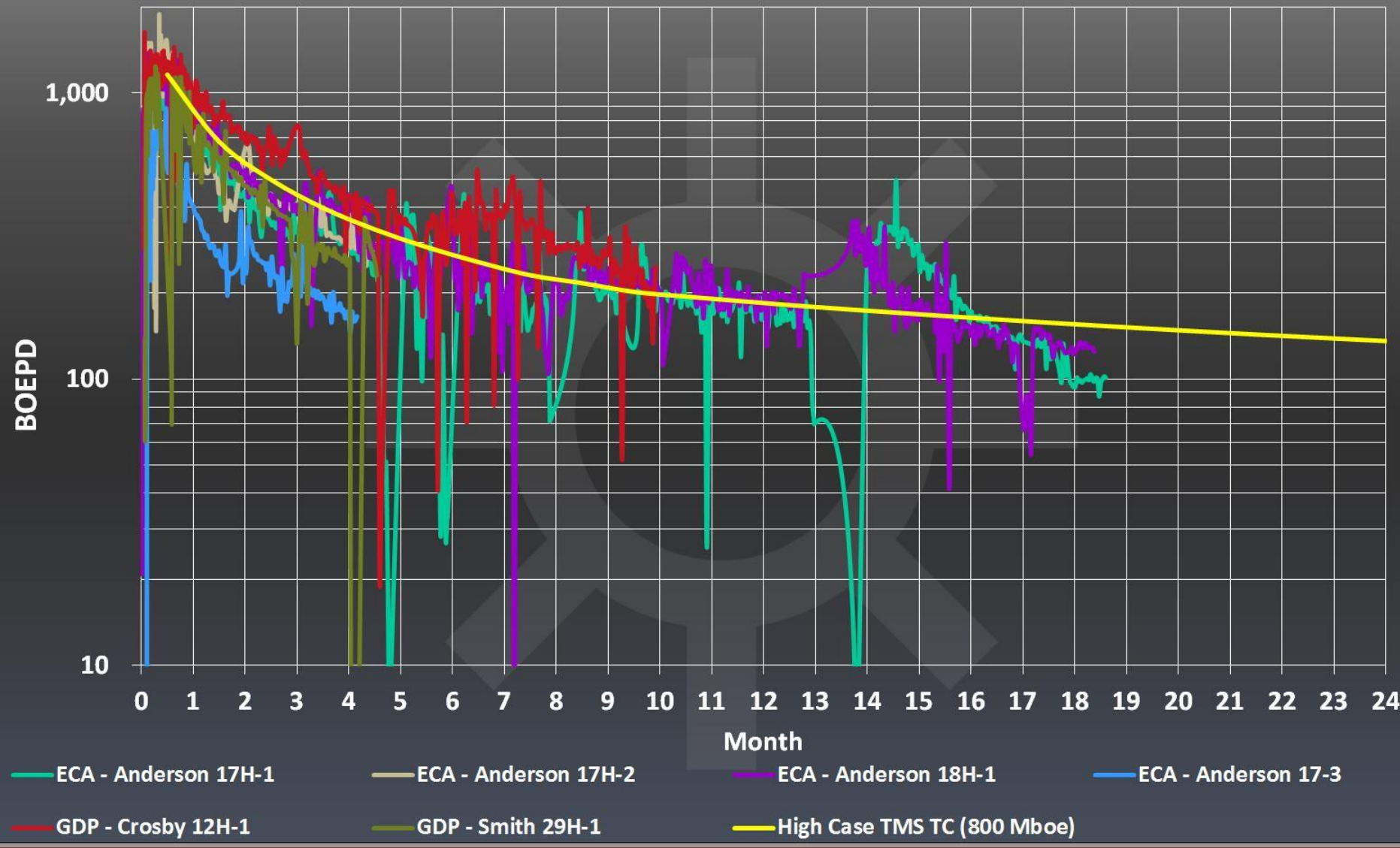
TMS BASE CASE TYPE CURVE (600 MBOE)

GOODRICH PETROLEUM CORPORATION



TMS HIGH CASE TYPE CURVE (800 MBOE)

GOODRICH PETROLEUM CORPORATION



TMS WELL ECONOMIC SUMMARY

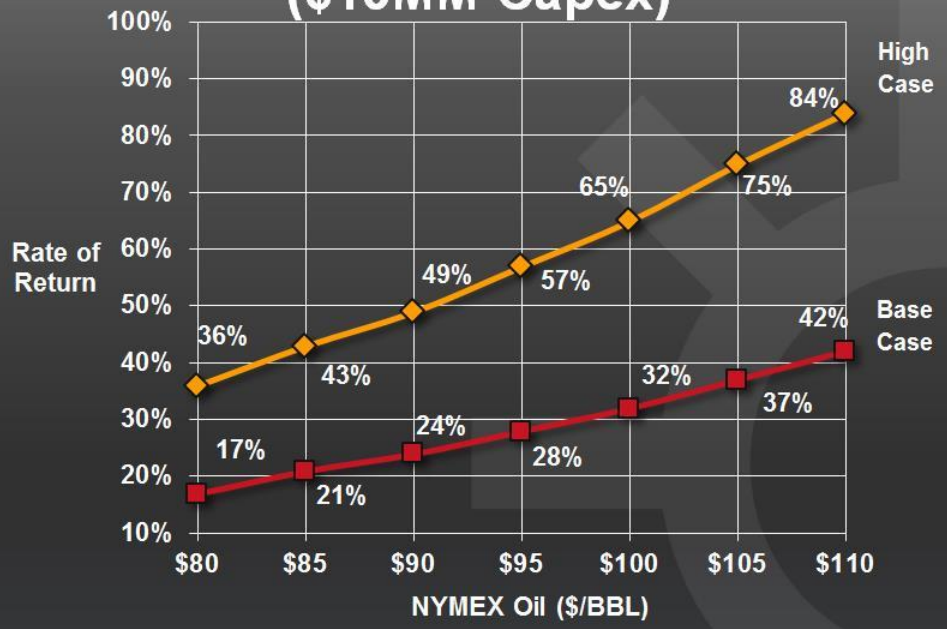
GOODRICH PETROLEUM CORPORATION

	Single Well	Development Well
Well Cost:	$13.0 MM	$10.0 MM
Lateral Length:	6,000’	6,000’
Frac Stages:	22	22
Royalty Burden:	18.5%	18.5%
Severance Tax:	0% until Payout 12.5% after Payout	0% until Payout 12.5% after Payout
Reserves (Gross):	600 MBOE / 800 MBOE	600 MBOE / 800 MBOE
Reserves (Net):	489 MBOE / 652 MBOE	489 MBOE / 652 MBOE
F&D Cost ($/BOE):	$26.58 / $19.94	$20.45 / $15.34
IRR: (@ $95 NYMEX)	28% / 57%	57% / 115%
NPV:	$6.0 MM / $12.6 MM	$8.9 MM / $15.5 MM
Undiscounted Payback (Years): (@ $95 NYMEX)	2.5 / 1.7	1.7 / 1.0

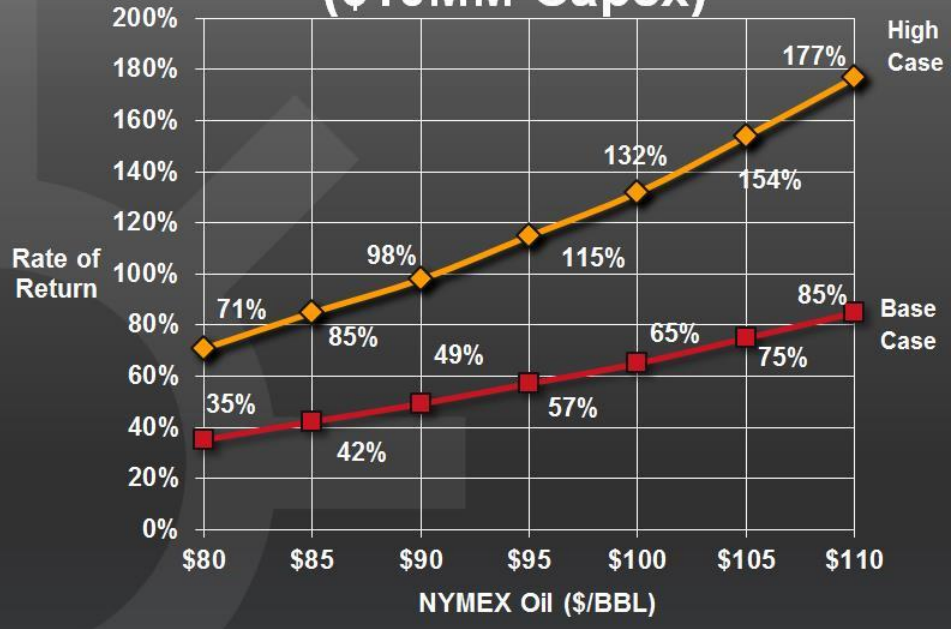
TMS WELL ECONOMICS

GOODRICH PETROLEUM CORPORATION

Single Well ($13MM Capex)



Development Well ($10MM Capex)



Base Case EUR: 600 MBOE

High Case EUR: 800 MBOE

Breakeven Economics

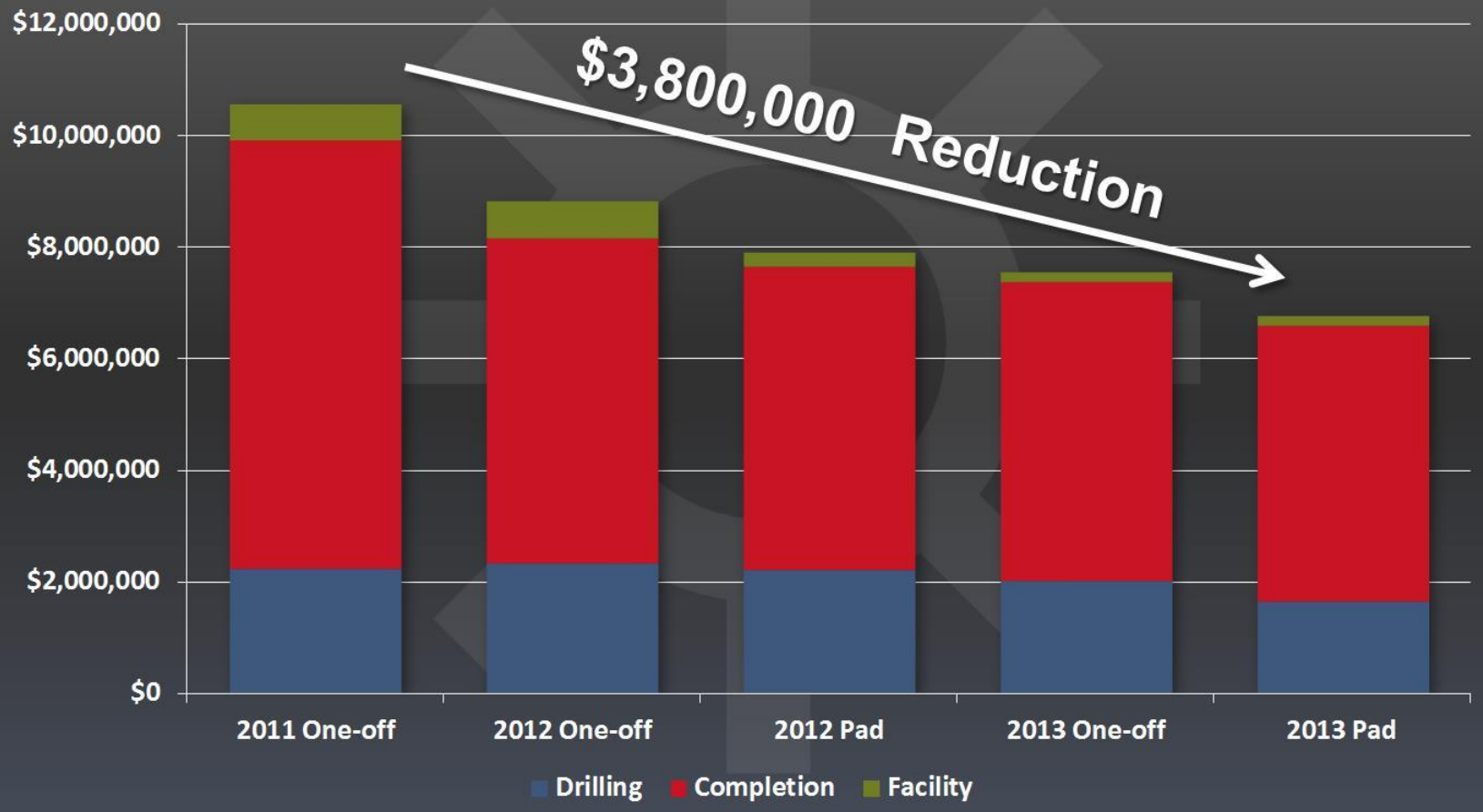
EUR	$10 MM	$13 MM
600 MBoe	$54/Bbl	$68/Bbl
800 MBoe	$41/Bbl	$51/Bbl

Note: Internally estimated type curves. IRR assumes an 81.6% NRI, 2-year tax abatement and a premium to NYMEX of $5/Bbl. Breakeven economics assumes WTI oil price to generate a 10% internal rate of return.

EAGLE FORD EXPERIENCE

GOODRICH PETROLEUM CORPORATION

- **Drilling efficiencies, multi-well pad drilling and service company competition resulted in a 36% reduction in D&C costs in just two years**

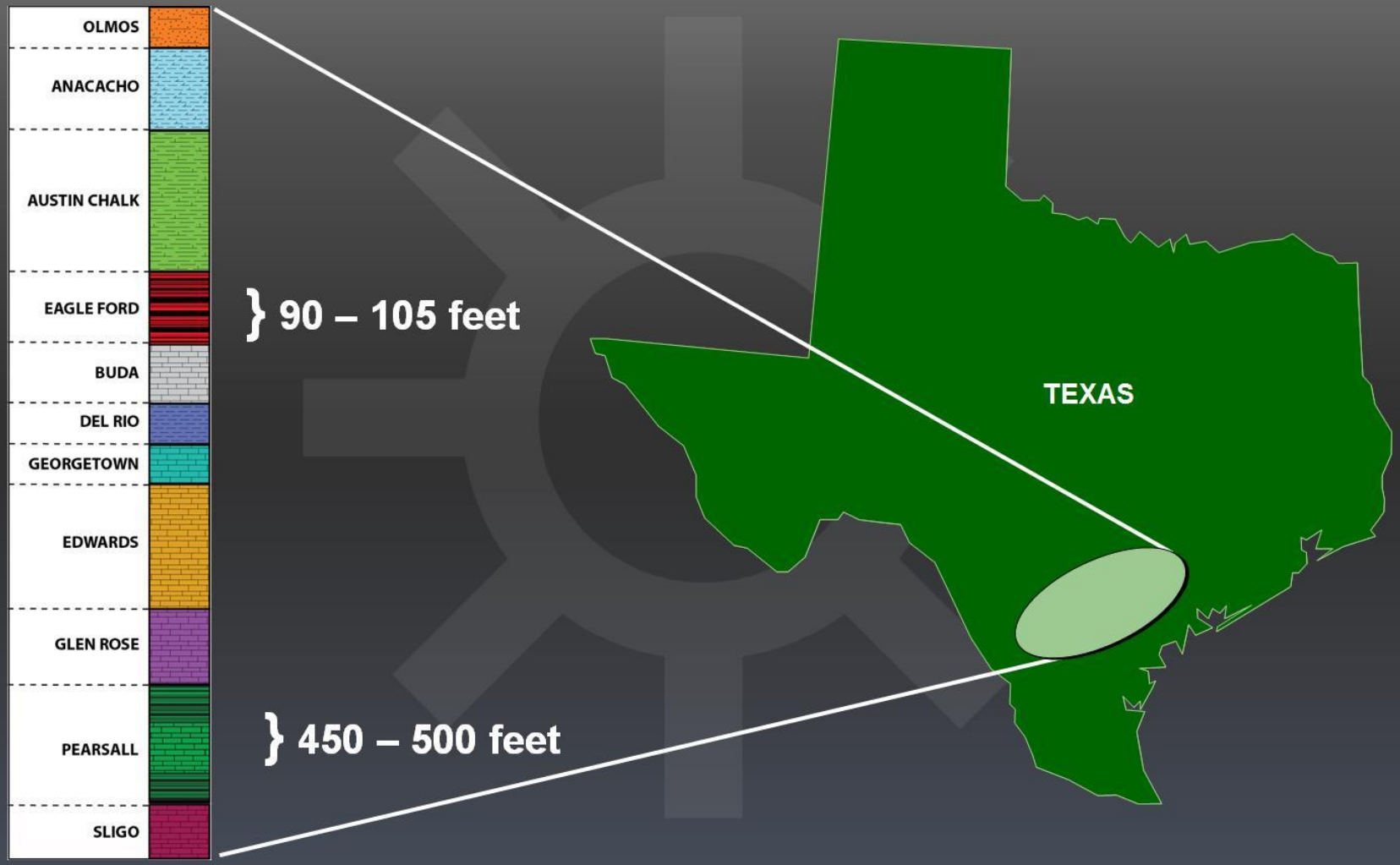


EAGLE FORD SHALE TREND

GOODRICH PETROLEUM CORPORATION

Overview

Pay Zones



EAGLE FORD SHALE TREND

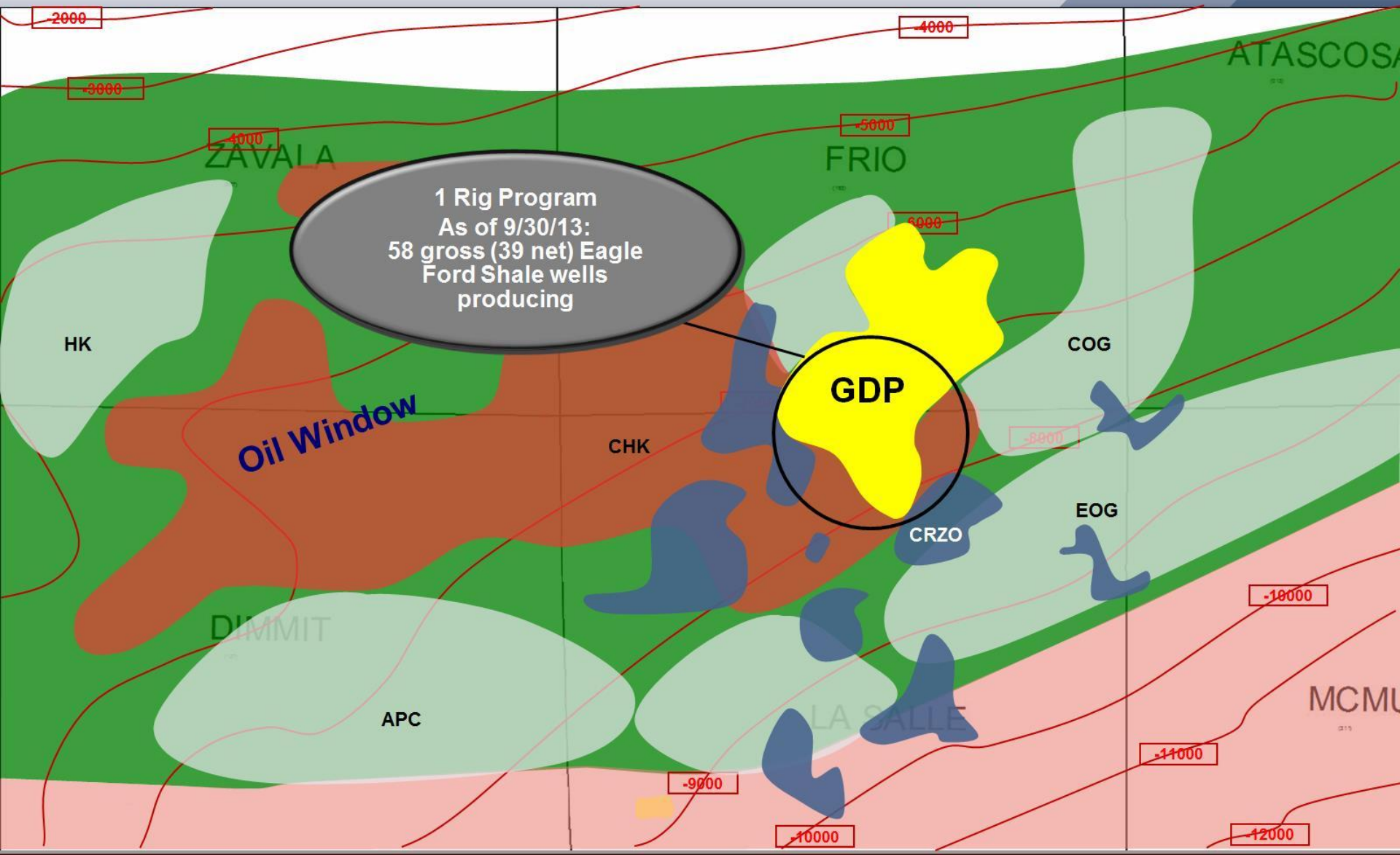
GOODRICH PETROLEUM CORPORATION

Oil Window - La Salle and Frio Counties, Texas

- **Acquisition Summary:**
  - Approximately 45,800 gross (30,000+ net) acres with average working interest of 72.5% (56% NRI). 6,000 foot laterals with 100-acre spacing yields 458 gross (320 net) locations
  - Total Consideration – $1,650 per acre. $23 million of cash ($575 per acre), and $43 million ($1,075 per acre) of drilling carry (20.8% WI). Drilling carry fulfilled in October of 2011
- **Approximately 44% of the 2013 drilling budget allocated to the EFS Trend, which will continue to drive oil volume growth**
  - 21 gross (14 net) Eagle Ford Shale Trend wells budgeted in 2013

EAGLE FORD SHALE ACTIVITY

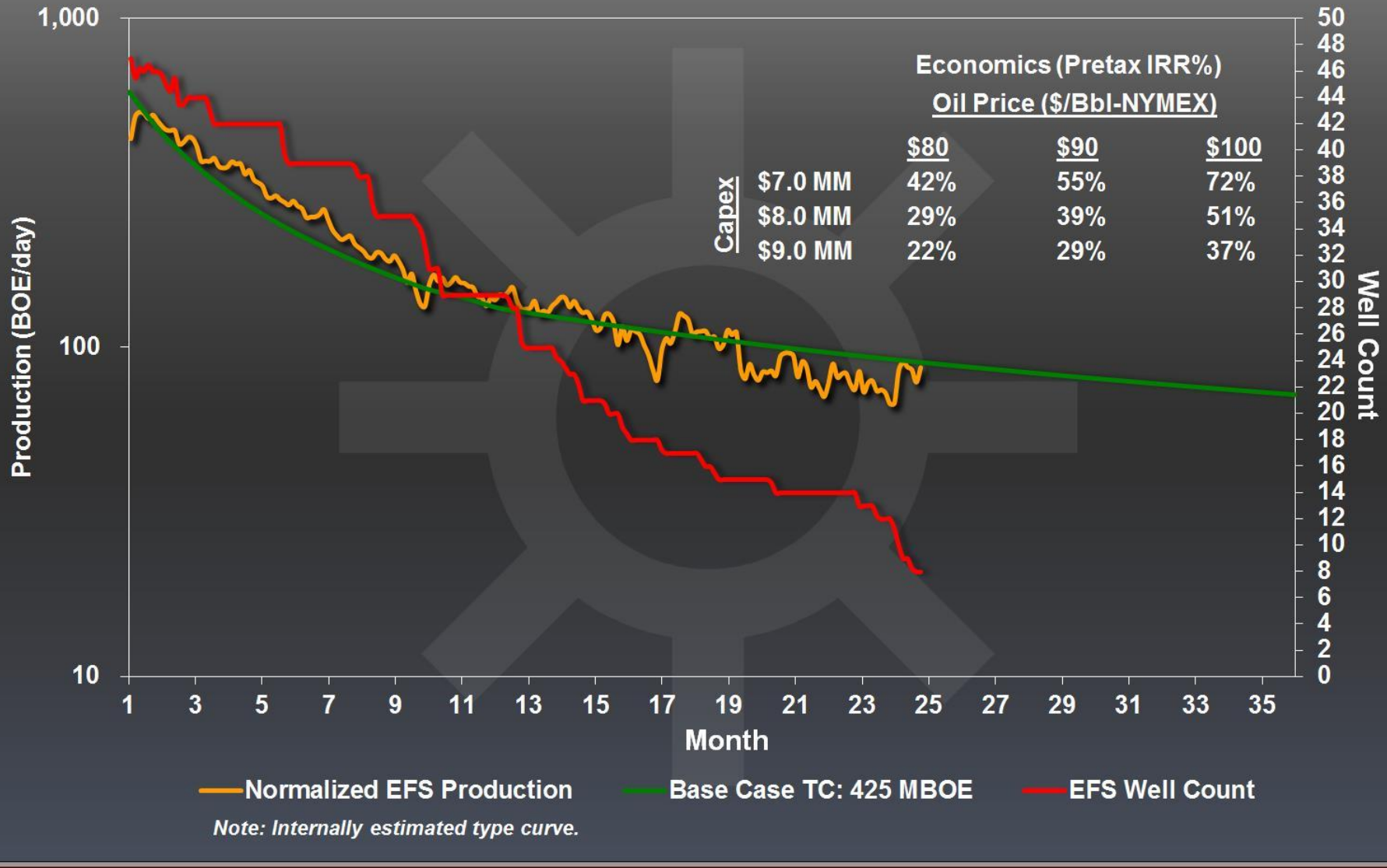
GOODRICH PETROLEUM CORPORATION



EAGLE FORD SHALE TYPE CURVE

GOODRICH PETROLEUM CORPORATION

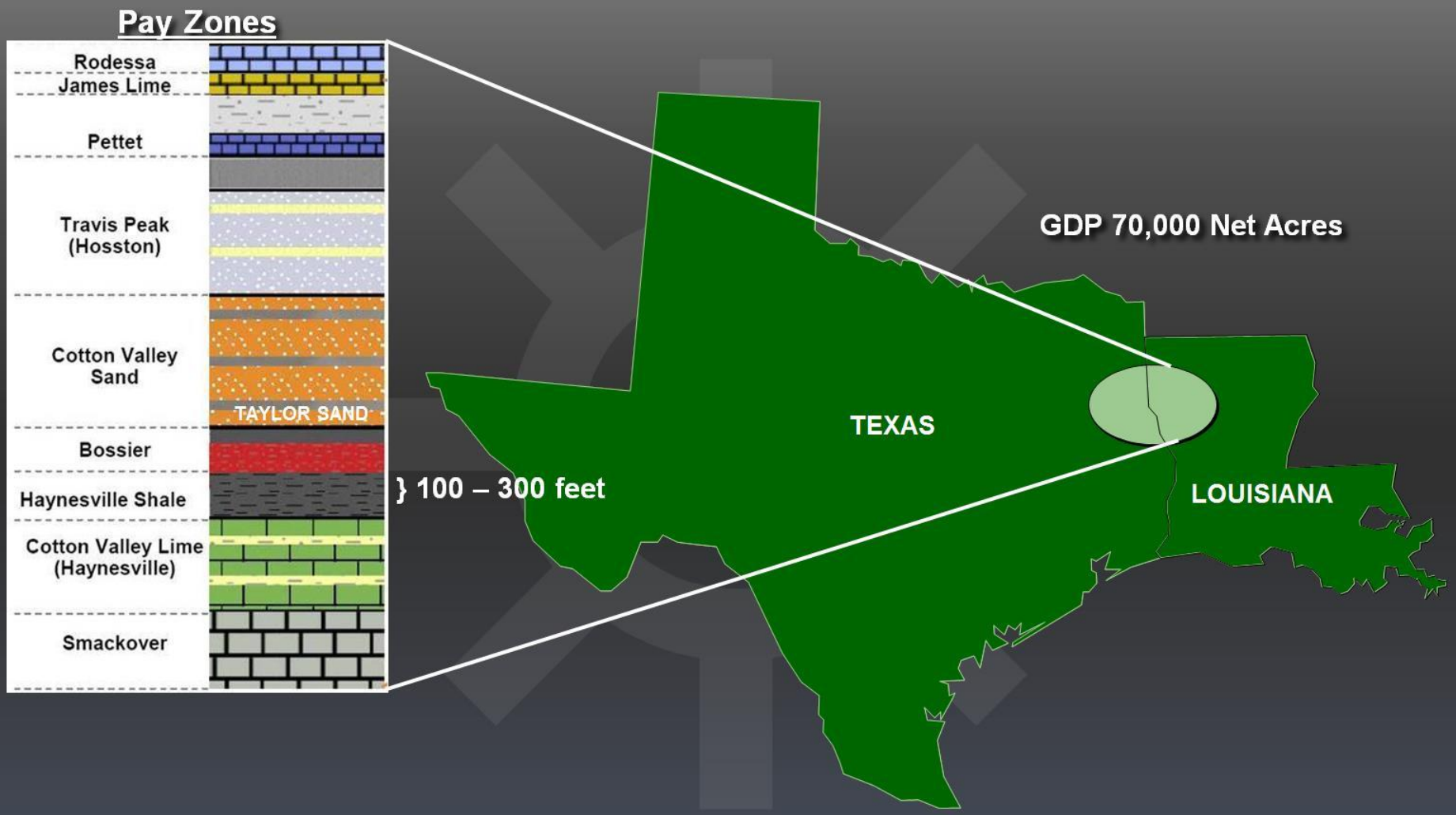
Base-Case Type Curve vs. Normalized Production



Note: Internally estimated type curve.

HAYNESVILLE SHALE OVERVIEW

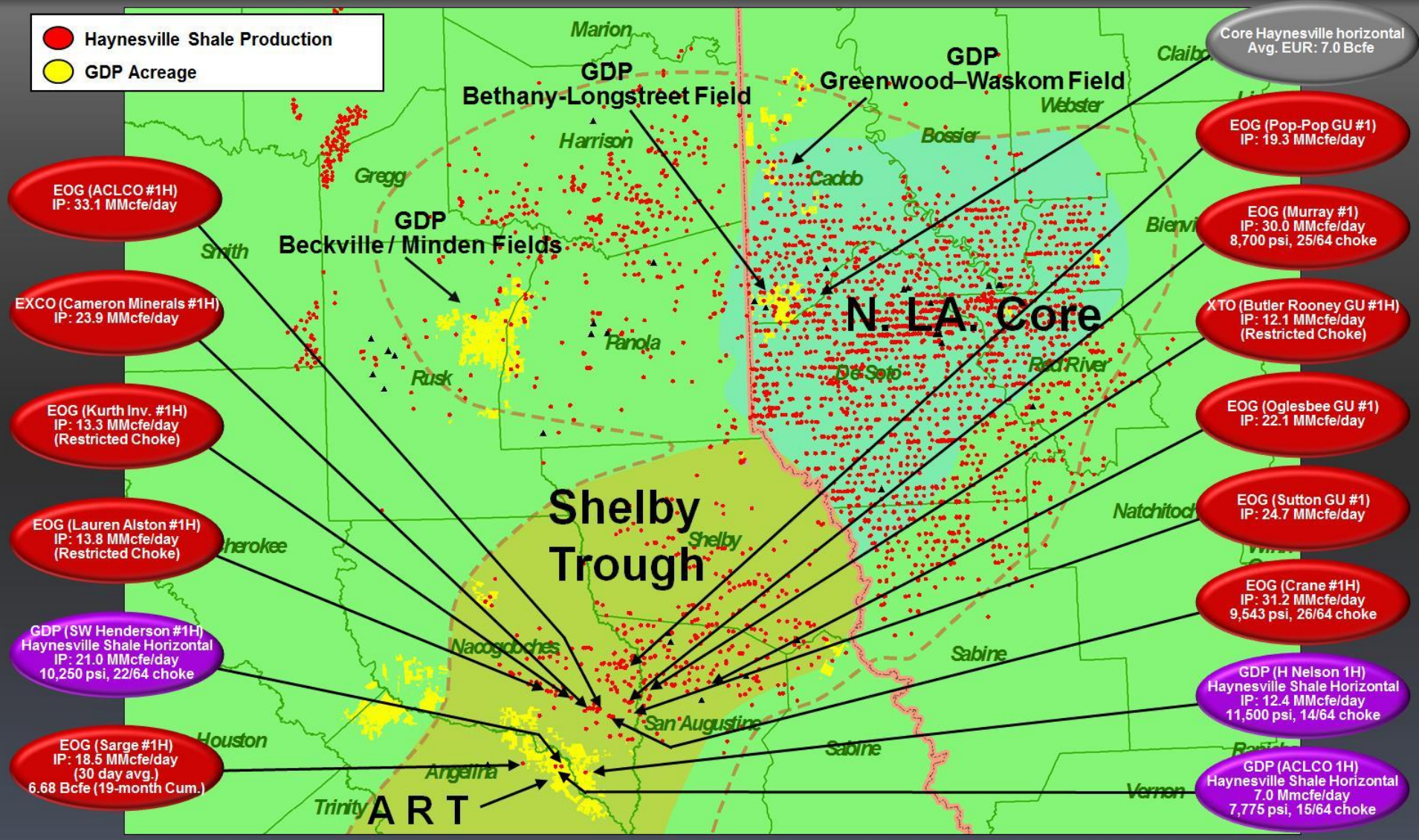
GOODRICH PETROLEUM CORPORATION



HAYNESVILLE SHALE

GOODRICH PETROLEUM CORPORATION

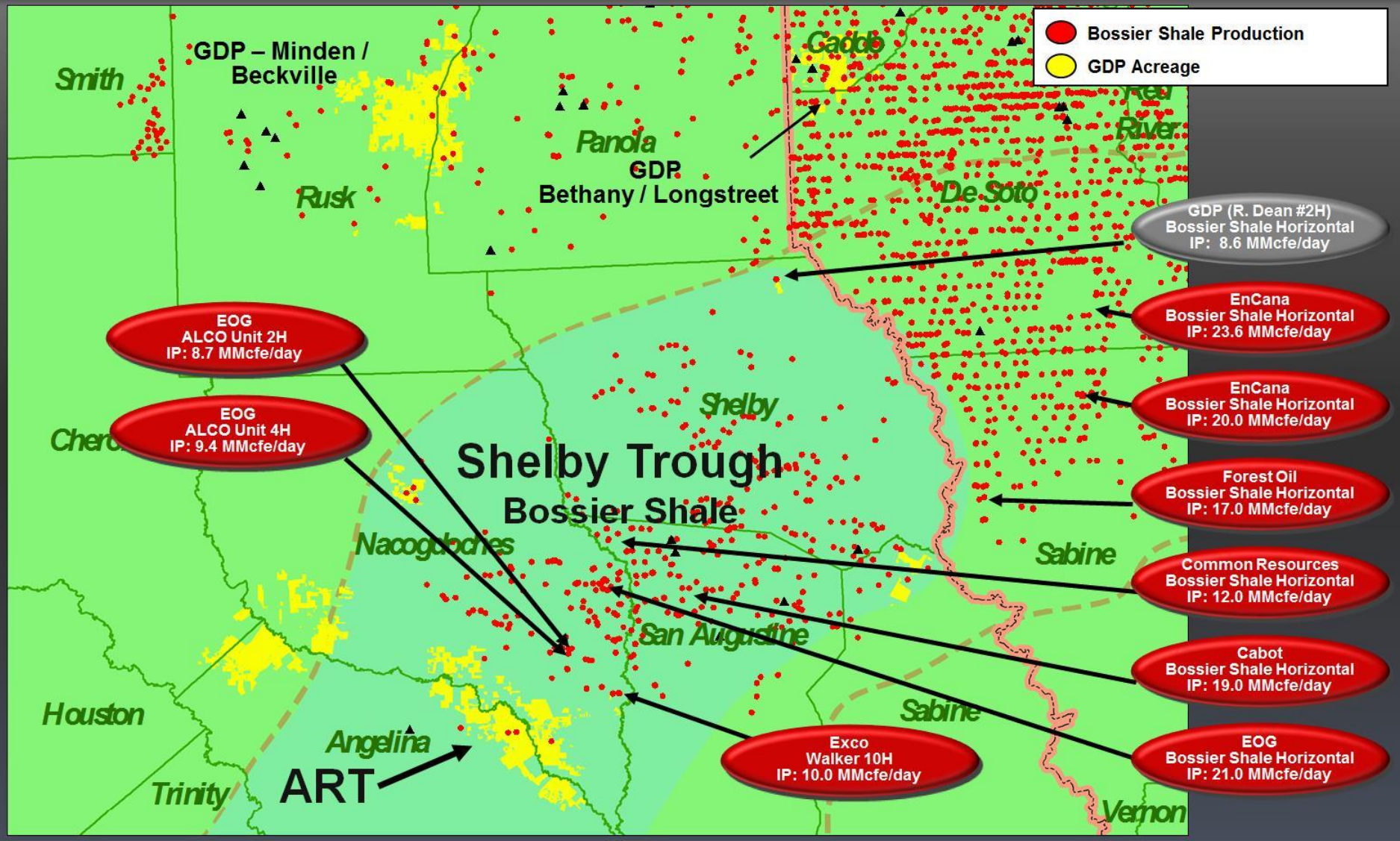
Regional Activity



BOSSIER SHALE

GOODRICH PETROLEUM CORPORATION

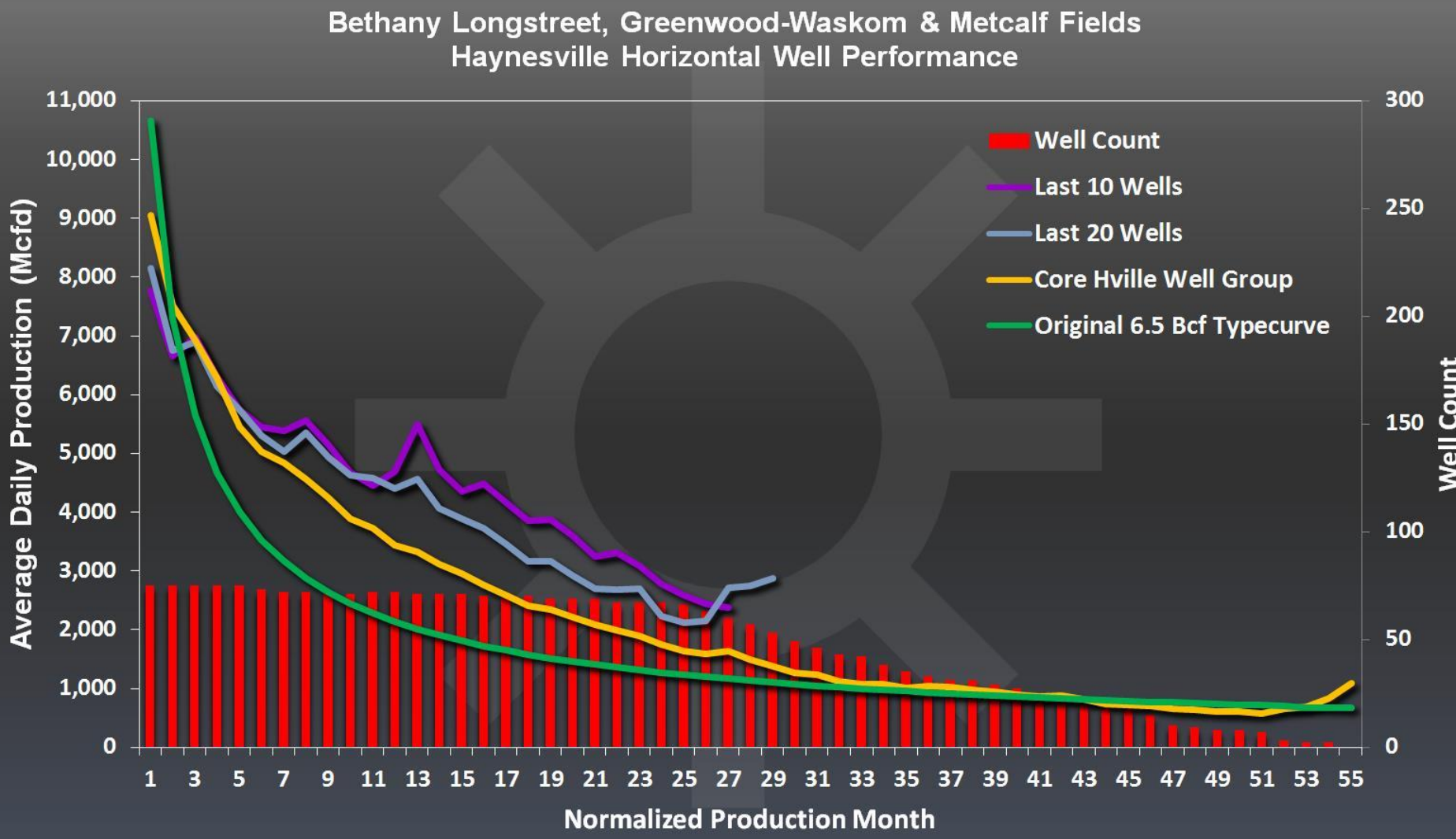
Shelby Trough



HAYNESVILLE WELL PERFORMANCE

GOODRICH PETROLEUM CORPORATION

North Louisiana – Core



Note: Chart depicts wells with a minimum of three months of production history

HAYNESVILLE SHALE

GOODRICH PETROLEUM CORPORATION

Potential Impact

Area	Net Proved Reserves (Bcfe)	Gross Probable & Possible Wells(1)	Net Probable & Possible Wells(1)	Per Well Gross Reserve Estimates (1):		
				6.5 Bcfe	7.5 Bcfe	8.5 Bcfe
				Potential Net Impact on GDP Reserves (Bcfe)		
Bethany Longstreet	94	196	99	450	520	589
Greenwood – Waskom / Metcalf	53	135	69	332	383	434
Total Core	147	331	168	782	903	1,023
				Per Well Gross Reserve Estimates (1):		
				8.0 Bcfe	10.0 Bcfe	12.0 Bcfe
				Potential Net Impact on GDP Reserves (Bcfe)		
Angelina River Trend / Shelby Trough	5	568	349	2,262	2,827	3,392
Total Core + ART	152	899	517	3,044	3,730	4,415

(1) Internal estimates. Actual reserves dependent upon pricing and cost estimates. All gross and net possible locations calculated using 80-acre spacing.

Note: No Bossier Shale resource potential included.

COTTON VALLEY (TAYLOR SAND)

GOODRICH PETROLEUM CORPORATION

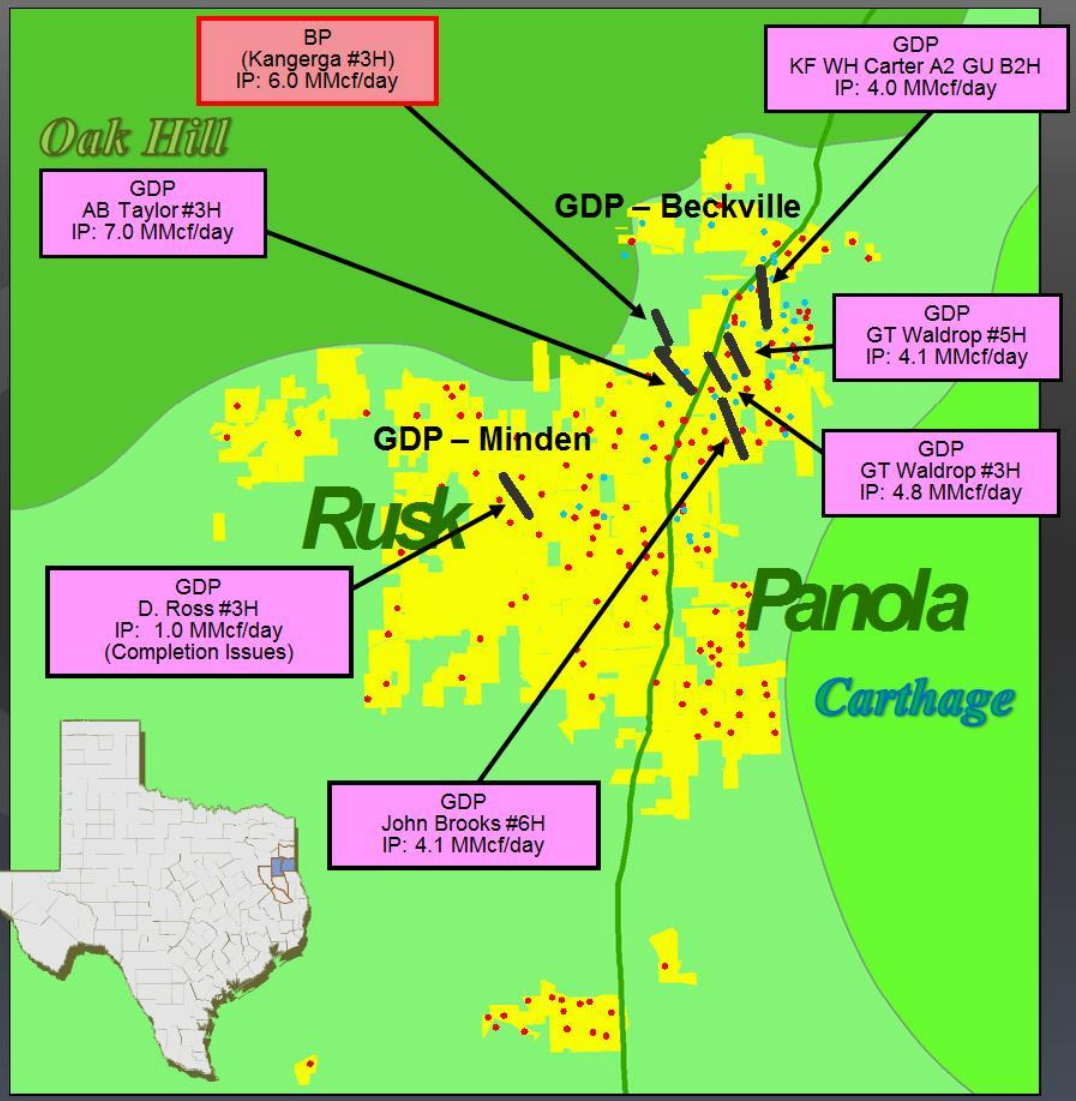
Beckville & Minden Fields (Rusk & Panola Co, TX)

Beckville & Minden (*25% Liquids*)

Gross Acres: 43,000 acres
Net Acres: 38,000 acres

Proved Reserves (YE'12): 129 Bcfe
Average Reserve: 5.5 Bcfe (YE'12)

Probable/Possible Resource Potential: 474 Bcfe
Objectives: Cotton Valley & Haynesville Shale
WI: 100% NRI: 76%



DRILLING INVENTORY (UN-RISKED)

GOODRICH PETROLEUM CORPORATION

2013 Capital Program				Total Inventory				
Area	Gross # of Wells	Net # of Wells	2013 Net Unrisked Capital Expenditures (MM)	YE'12 Proved Reserves	Gross Probable and Possible Wells [2]	Net Probable and Possible Wells [2]	Net Probable / Possible Resource Potential [1] [3]	Net Proved, Probable, Possible Resource Potential [1] [3]
Louisiana - Core: Bethany Longstreet / Greenwood–Waskom Haynesville Shale [3]	12	5	$25	147	331	168	903	1,050
Angelina River Trend: Haynesville Shale [3]	1	1	$10	5	568	349	2,827	2,832
Louisiana / Mississippi: Tuscaloosa Marine Shale	9	5	$75	1	2,175	1,600	4,666	4,667
Texas: Eagle Ford Shale	21	14	$100	51	244	179	370	421
Beckville/Minden	0	0	$0	129	119	115	474	603
Leasehold, Infrastructure, other	0	0	$45					
Total (BCFE) Total (MMBOE)	43	25	$255	333 55.5	3,437	2,411	9,240 1,540	9,573 1,596

(1) *Internal estimates. Actual reserve estimates dependent upon pricing and cost assumptions.*

(2) *Total inventory based on the following: 160-acre spacing on Cotton Valley (Taylor) Sand horizontal wells at Beckville and 50% of Minden. Haynesville Shale spacing at 80 acres. Eagle Ford Shale Trend spacing at 100 acres on 60% of the acreage block and the TMS at 100 acre spacing on 50% of the acreage block.*

(3) *Haynesville Shale probable and possible reserves estimated at 6.9 Bcf at Bethany Longstreet and 6.7 Bcf at Greenwood-Waskom/Metcalf. Tuscaloosa Marine Shale estimated at 600,000 BOE per well on 50% of the acreage. Shelby Trough and Angelina River Trend estimated at 10.0 Bcf. No estimated reserves for Bossier Shale included in inventory.*

WHY INVEST IN GOODRICH PETROLEUM?

GOODRICH PETROLEUM CORPORATION

NYSE : GDP

- **Transition to a balanced portfolio with greater oil exposure on track**
  - Excellent exposure to Eagle Ford and Tuscaloosa Marine Shale oil plays. Great optionality to natural gas through extensive Haynesville Shale holdings
  - Strategic acquisition more than doubles exposure to TMS
  - Improving balance sheet with ample liquidity
  - Oil volumes driving cash flow growth
- **Supportive shareholder base**
  - 21% insider ownership