



Anadarko Woodford: The SCOOP

A New, High-Impact Resource Play Has Emerged...

- 💧 Oil and liquids-rich province
- 💧 One of the thickest, best quality resource shale reservoirs in the country
- 💧 1.8 BBoe net reserve potential to CLR*
 - 2,200 net locations*
 - 25-50% oil, 60-75% Total liquids
- 💧 40-55% ROR**
- 💧 Commanding leasehold position with >170,000 net acres

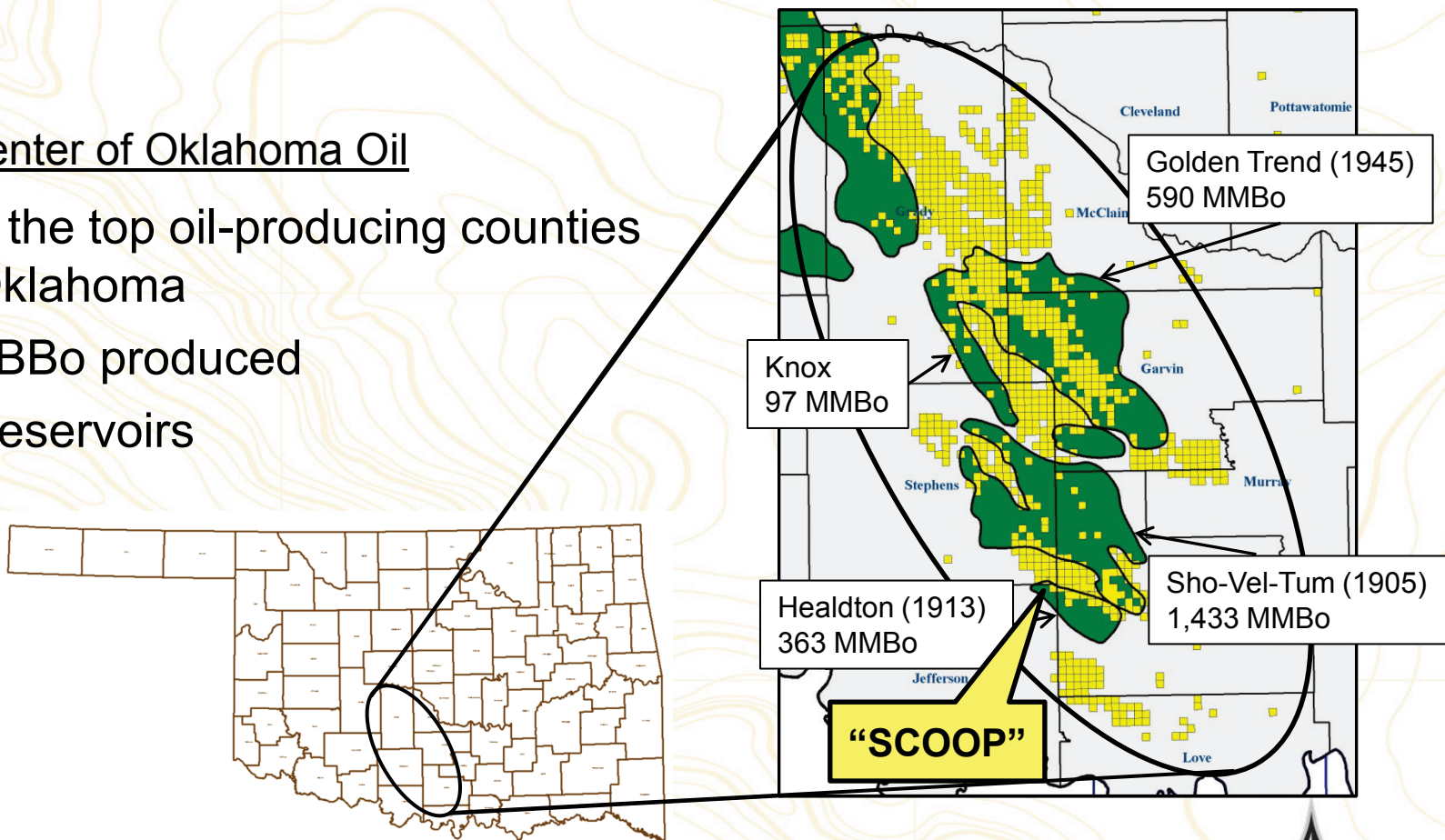
*Based on 80-acre spacing ** \$3.50 gas/\$90 oil

What's the "SCOOP"?

South Central Oklahoma Oil Province

Epicenter of Oklahoma Oil

- 3 of the top oil-producing counties in Oklahoma
- 3.2 BBo produced
- 60 reservoirs

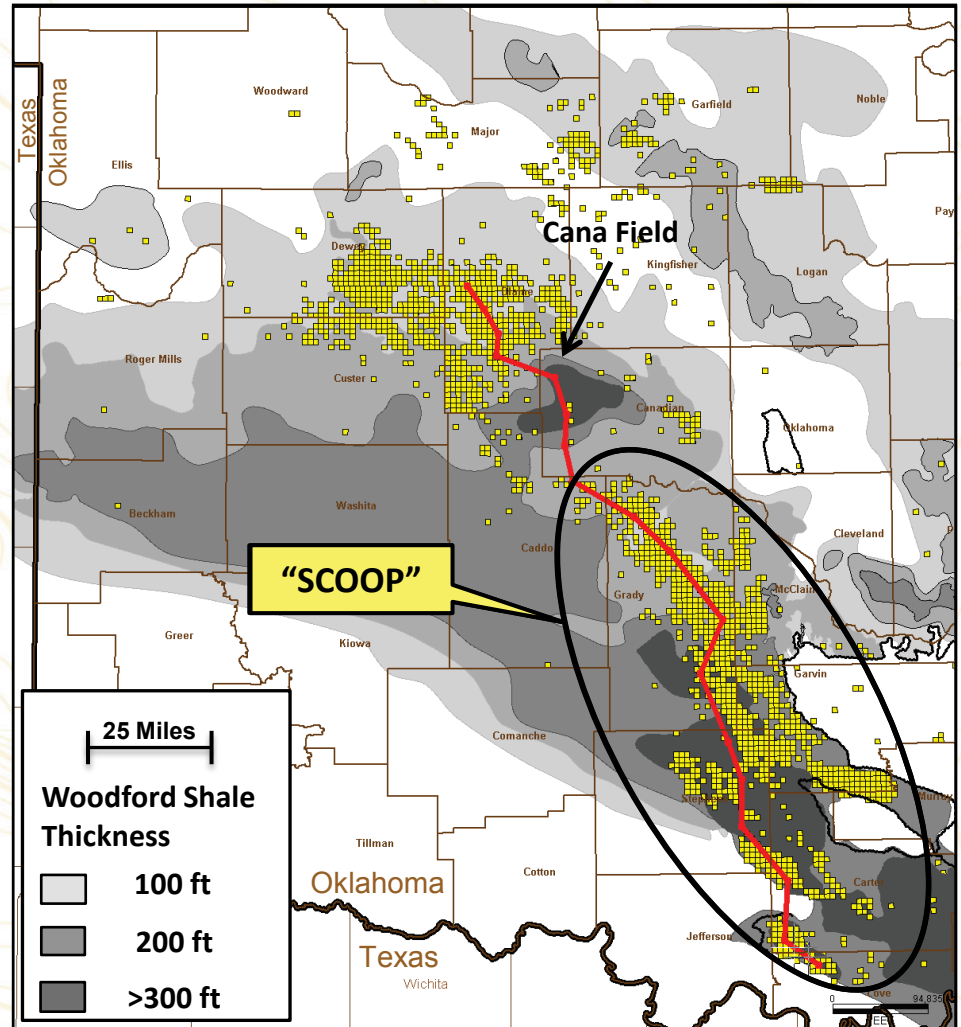


World-Class Resource Shale

- Up to 400' oil-rich shale
 - Dual reservoir target
- Excellent siliceous reservoir
 - Highly fractured
- Source of the oil

The Woodford Shale

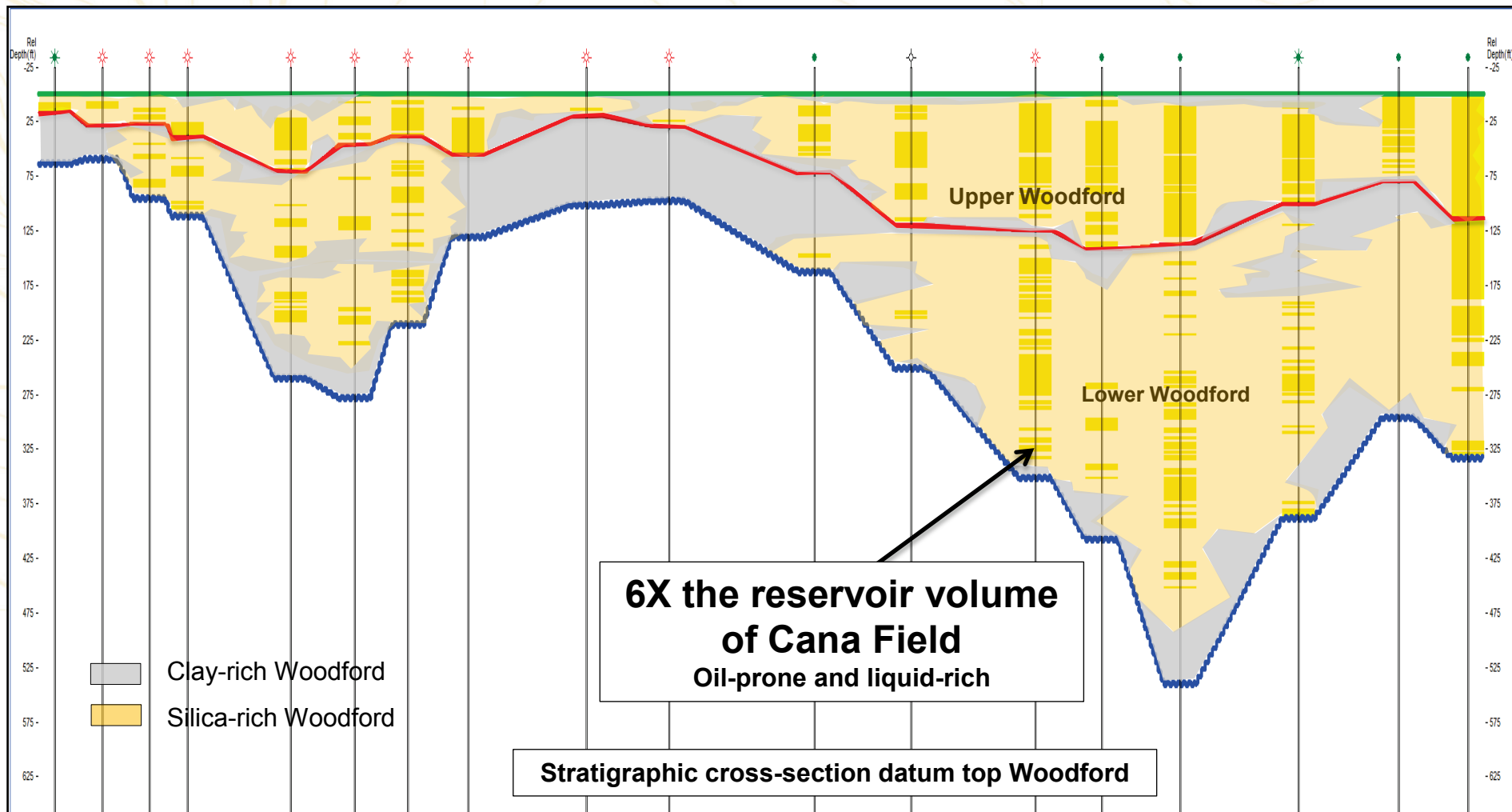
70 BBo remains in-situ



SCOOP is Premium Woodford

Cana Field

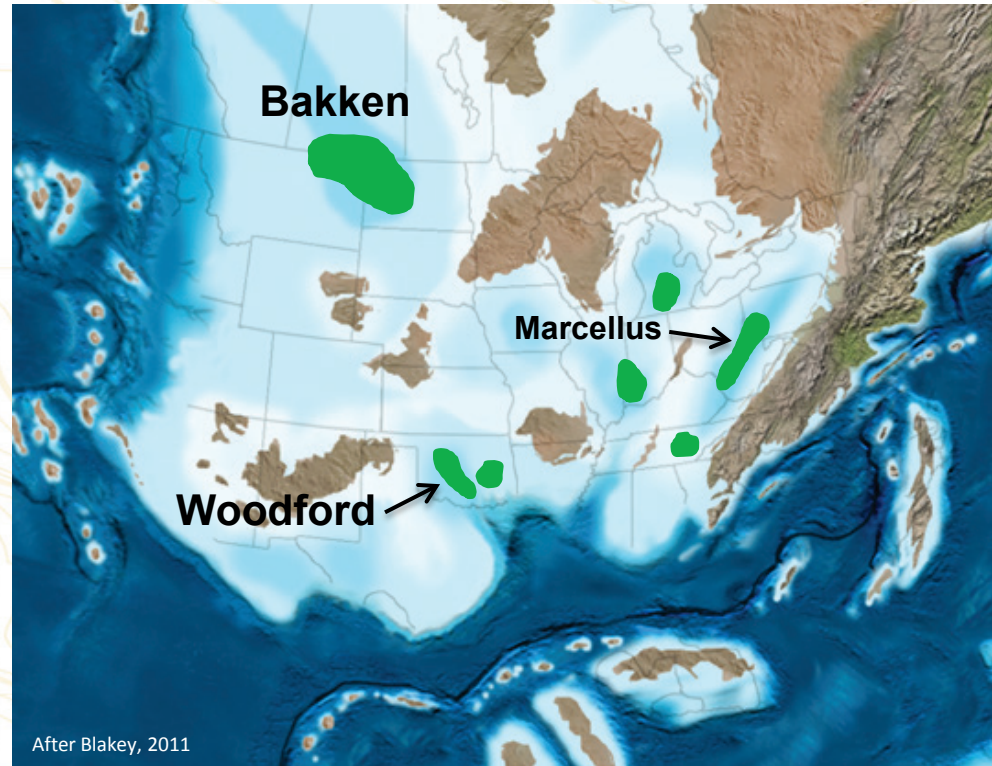
SCOOP



What Makes the SCOOP Woodford So Good?

Devonian Age:

- 🔥 Ideal time for deposition of world-class source rocks
- 🔥 Bakken, Woodford and Marcellus are equivalent



North America 360 million years ago

Comparison of Resource Play Attributes

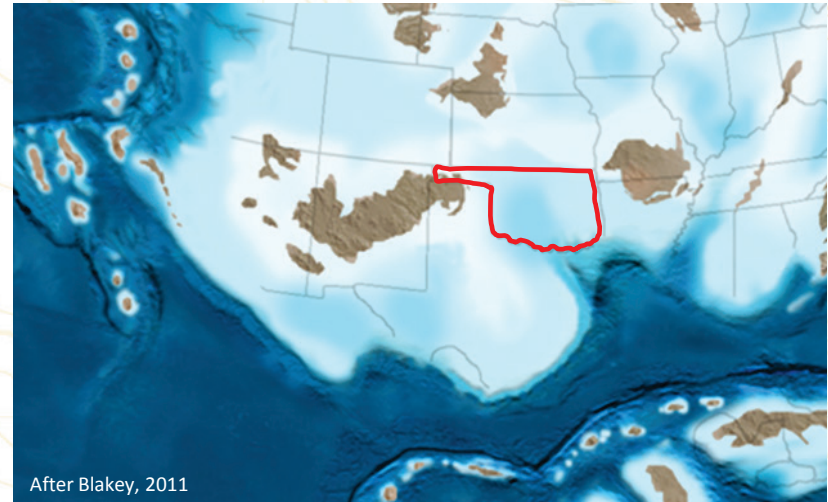
	SCOOP/Woodford	Bakken /Three Forks	Eagle Ford
Age	Devonian	Devonian	Cretaceous
Fairway size (sq. mi.)	3,300	13,000	5,000
Depth	8,000'-16,000'	8,000'-11,500'	7,000'-12,000'
Thickness	150'- 400'	10'-250'	100'- 250' *
TOC	6%-12%	5%-20%	3%-7%*
Porosity	5%-8%	5%-10%	6%-9%*
Pressure (Psi/ft)	0.60-0.65	0.60-0.80	0.40-0.70*
OOIP (MMBo/section)	45-70	60-70	42-49*
Age	Devonian	Devonian	Cretaceous

*Data from peer company presentations

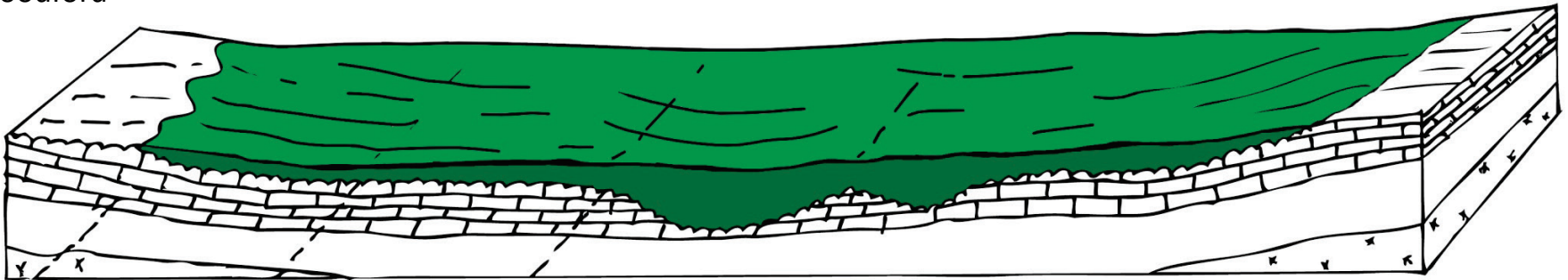
How SCOOP Was Formed-Stage 1

Devonian Age(360 MYA)

- 🔥 Organic rich shale deposited in ancient seaway
- 🔥 Low oxygen environment
- 🔥 Deposition and preservation of oil-prone organic matter



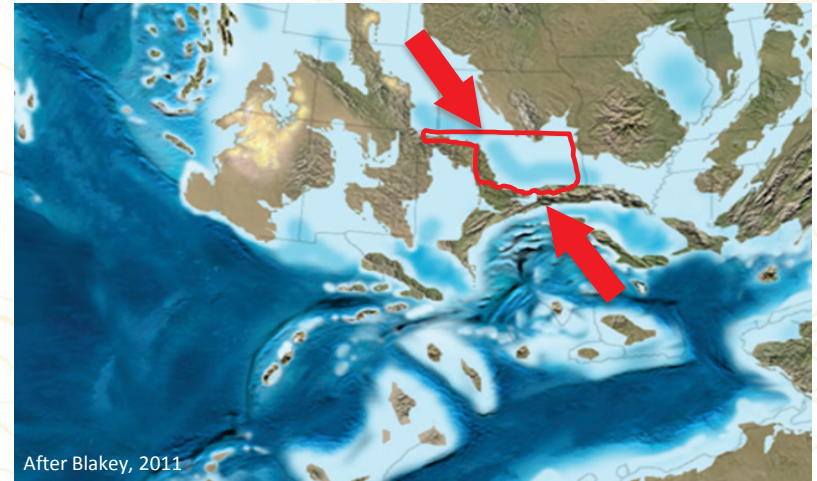
■ Woodford



How SCOOP Was Formed-Stage 2

Early Pennsylvanian (315 MYA)

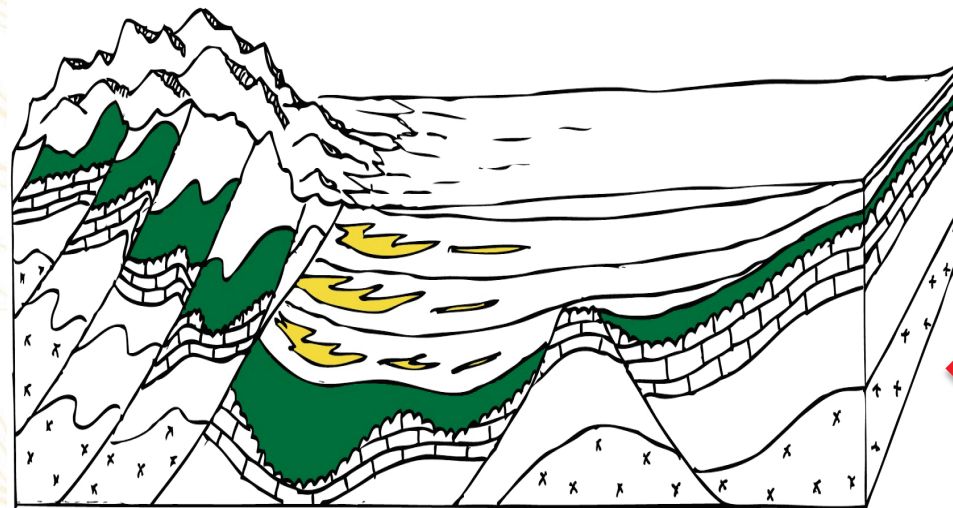
- 🔥 Plate collision
- 🔥 Mountain building
- 🔥 Anadarko Basin formed
- 🔥 Reservoir sands deposited above WDFD



How SCOOP Was Formed-Stage 3

Late Pennsylvanian (300 MYA)

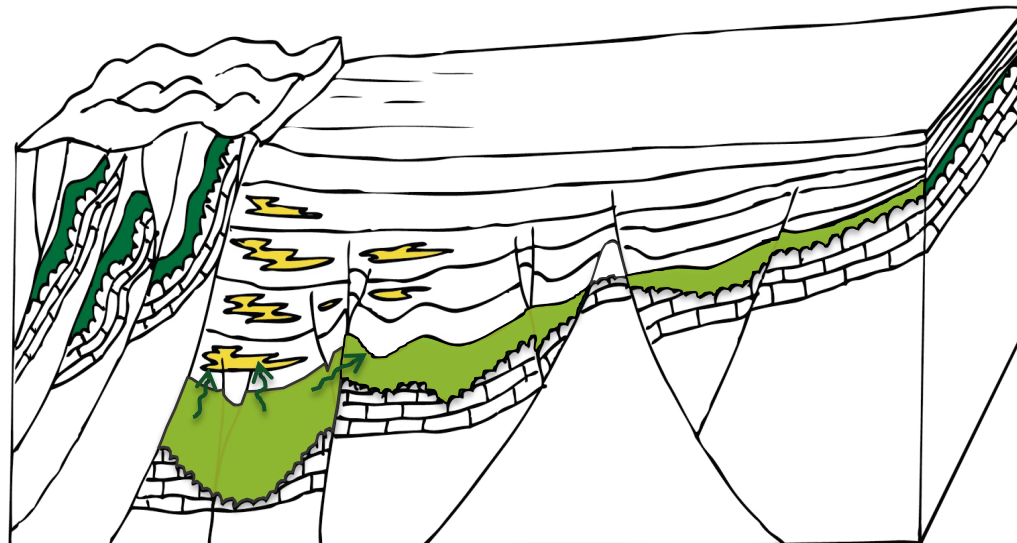
- Peak mountain building & deformation
- Rapid subsidence and sedimentation
- Major sandstone reservoirs deposited above Woodford



How SCOOP Was Formed-Stage 4

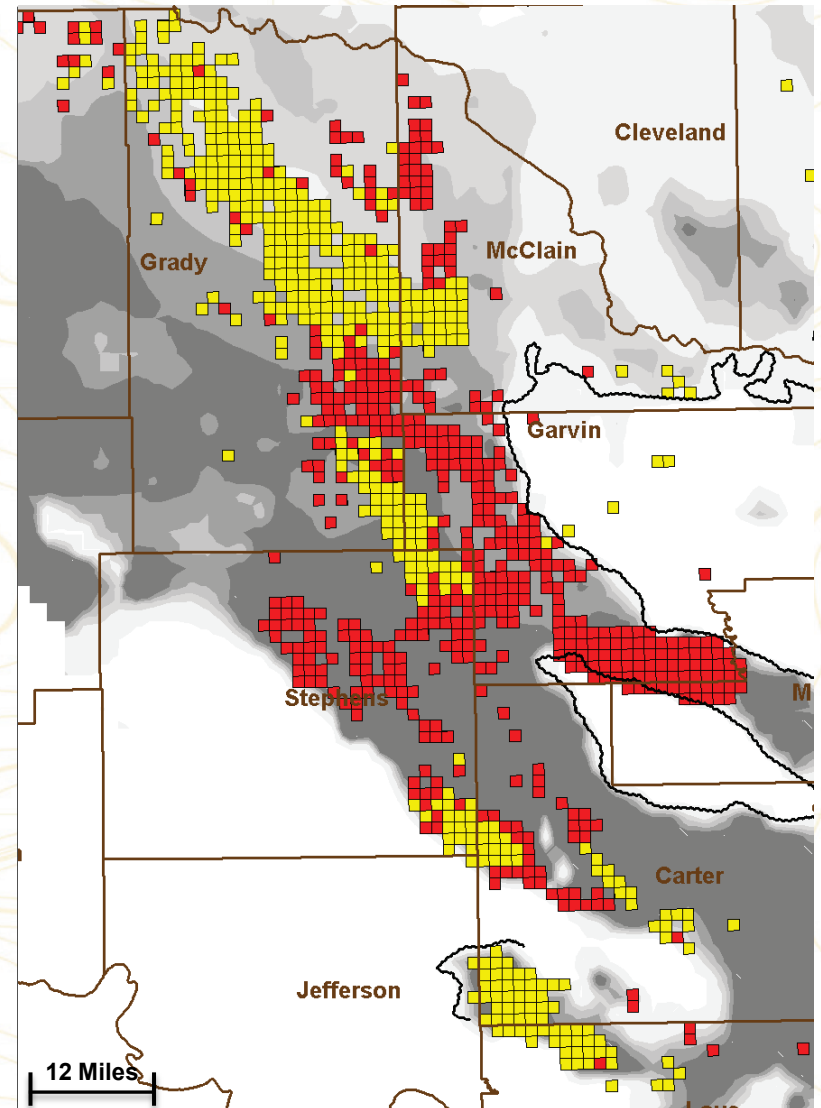
Early Permian (285 MYA)

- 🔥 Oil generated from organic material in Woodford
- 🔥 Woodford oil migrates into overlying conventional reservoirs



SCOOP: Why Stealth? We've Been Leasing!

- 💧 94,000 acres at YE 2010 (3% HBP)
- 💧 170,600 acres today (23% HBP)
 - +80% last 18 months



We've Been Drilling Too

2012 Results:

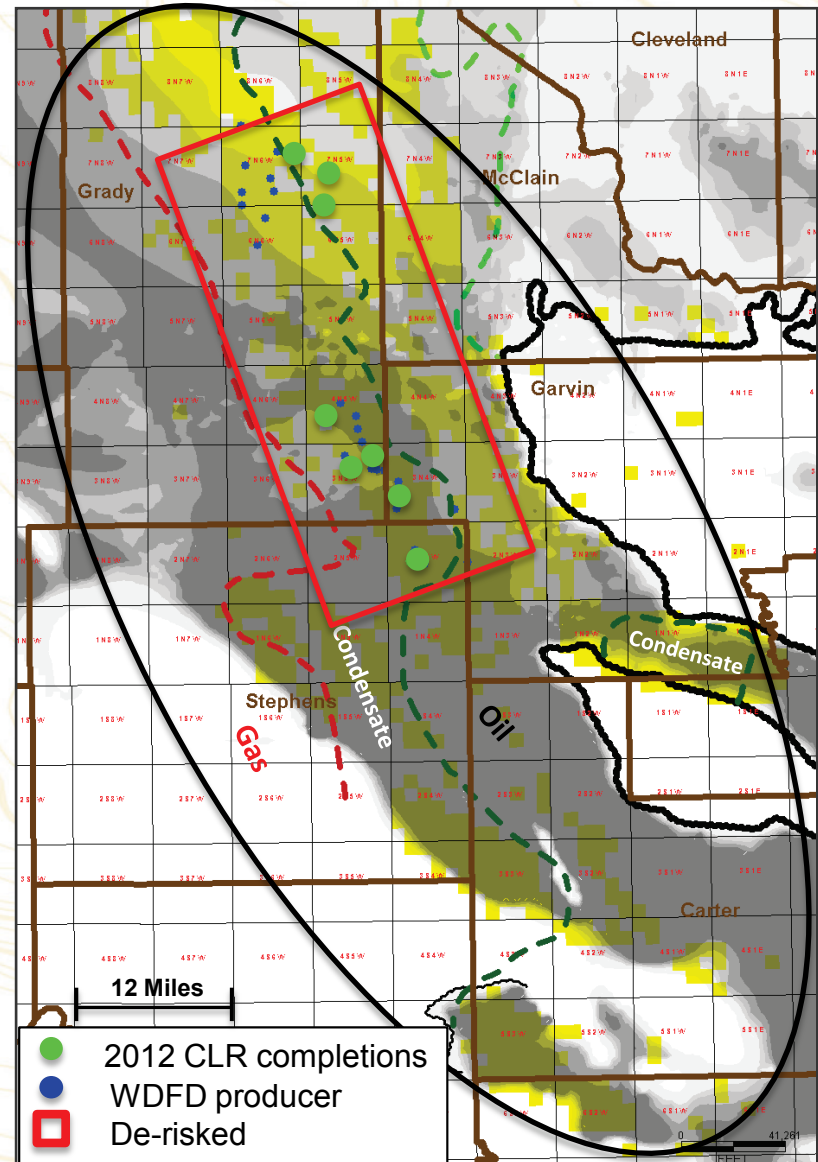
Oil fairway

Simms 1-32H:	702 Boepd (80% liquid)
Healey 1-12H:	670 Boepd (86% liquid)
Mills 1-21H:	626 Boepd (81% liquid)

Condensate fairway

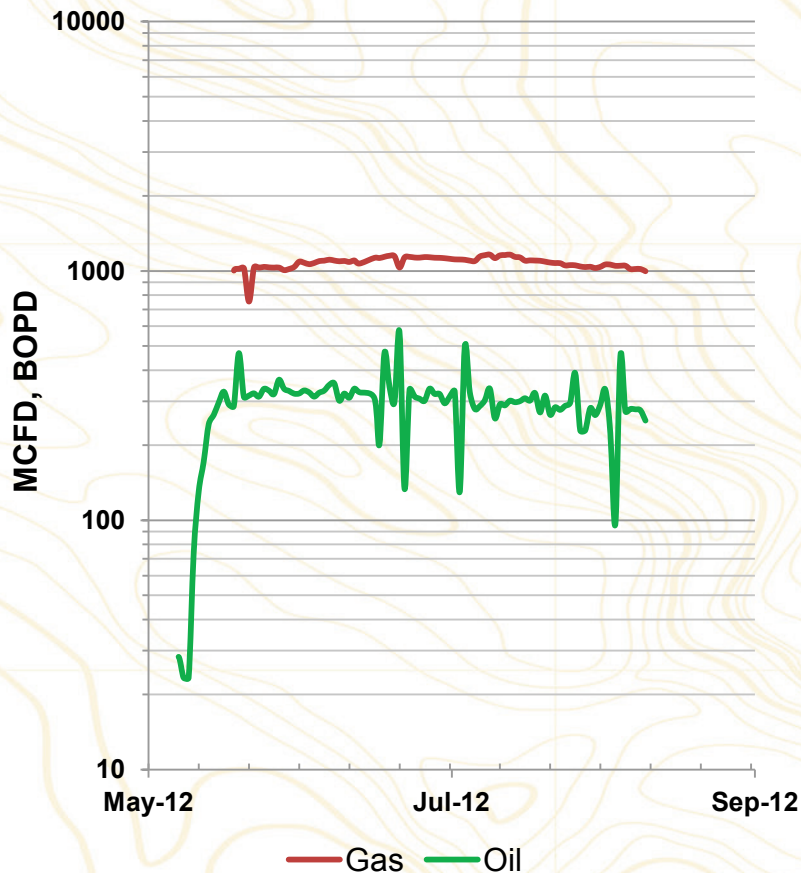
Carson 1-2H:	1,524 Boepd (57% liquid)
Dawkins 1-20H:	808 Boepd (58% liquid)
Auld 1-10H:	1,334 Boepd (58% liquid)
Vesta Marie 1-29H:	1,530 Boepd (61% liquid)
Poteet 1-17H:	1,771 Boepd (55% liquid)

- 🔥 Drilled or participated in 35 wells to date
- 🔥 >600 square-miles de-risked
- 🔥 Broad repeatable liquids fairway

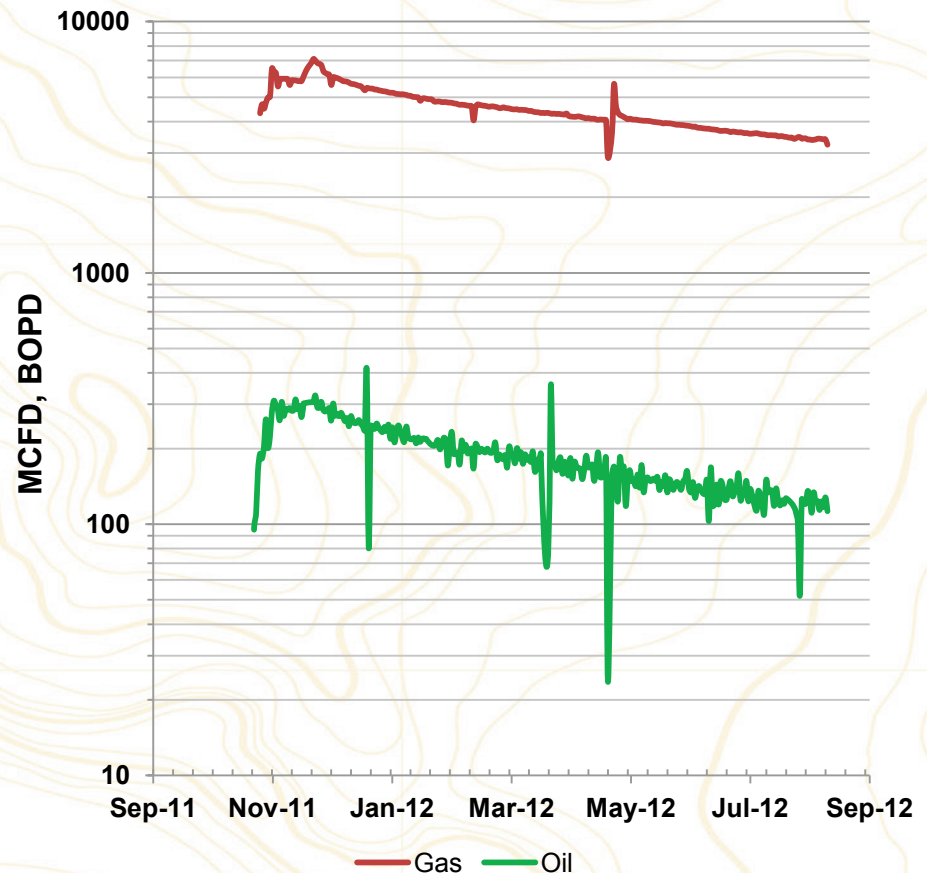


Oil and Condensate Fairway Producers

Mills 1-21H (Oil Fairway)
EUR: 785 MBoe (75% liquids)



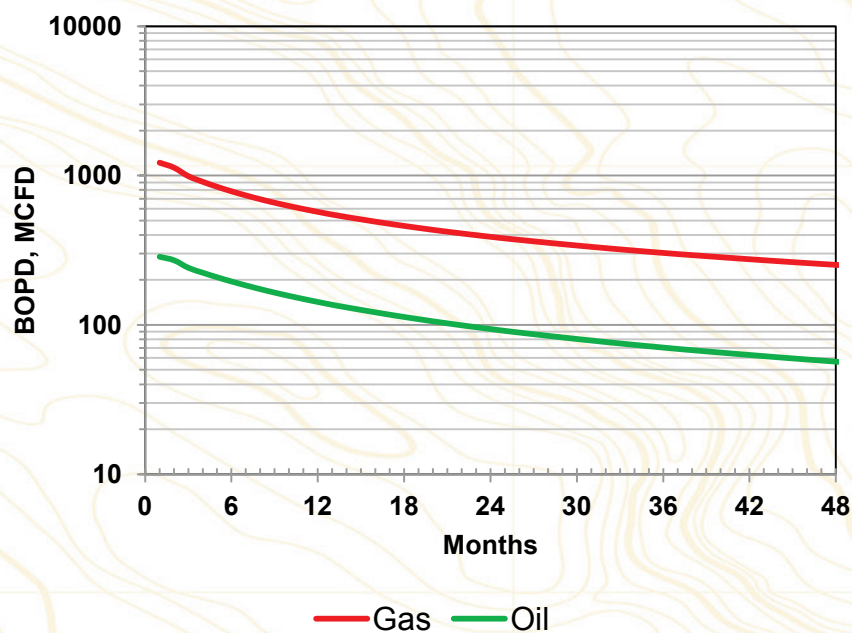
Lyle 1-30H (Condensate Fairway)
EUR: 2390 MBoe (51% liquids)



SCOOP Type Curves

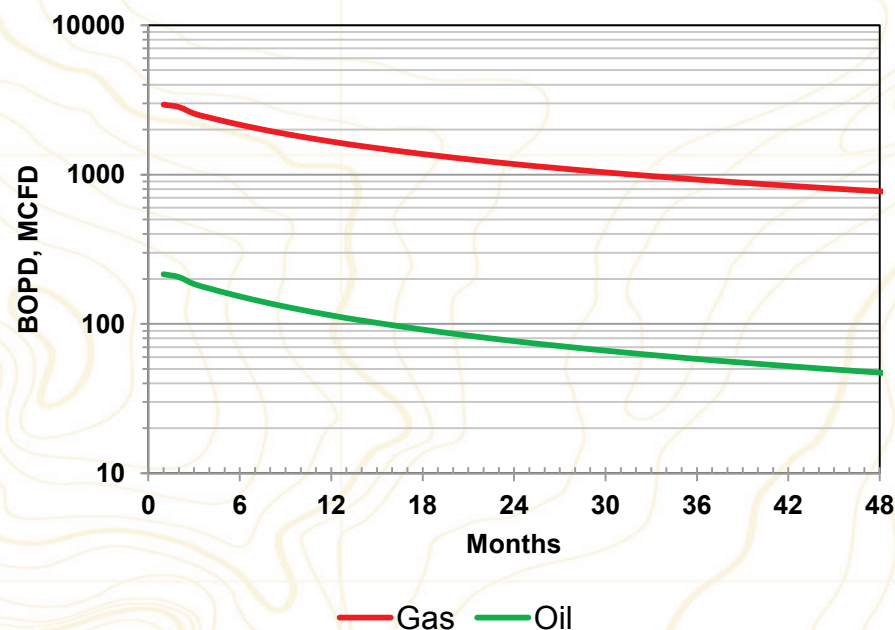
Oil Fairway Type Curve

EUR: 626 MBoe (75% liquids)



Condensate Fairway Type Curve

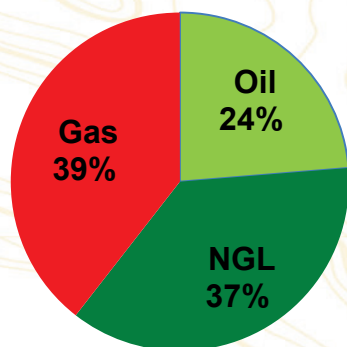
EUR: 1190 MBoe (61% liquids)



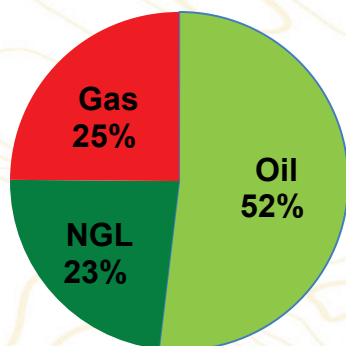
1350 BTU gas

SCOOP Economic Performance

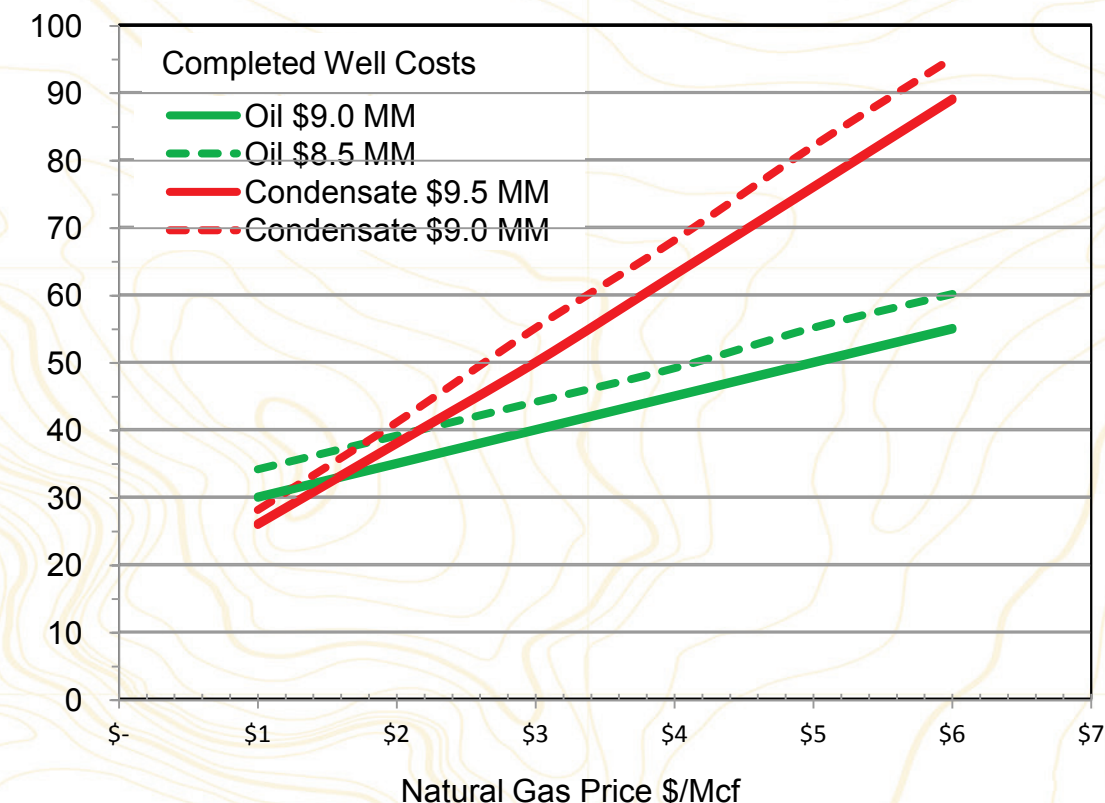
Condensate Fairway



Oil Fairway



IRR* vs Gas Price



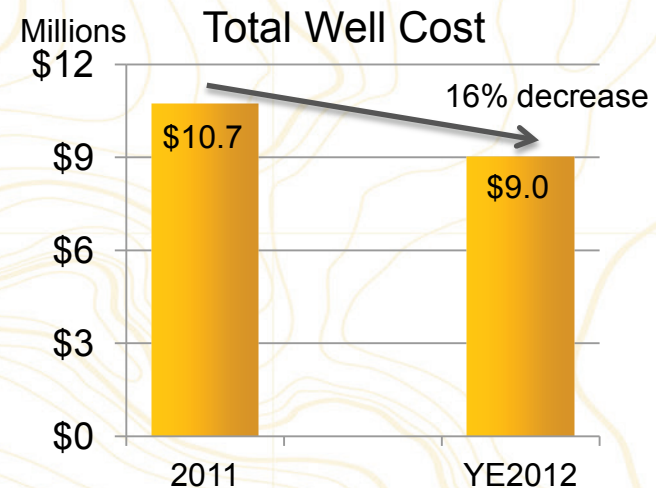
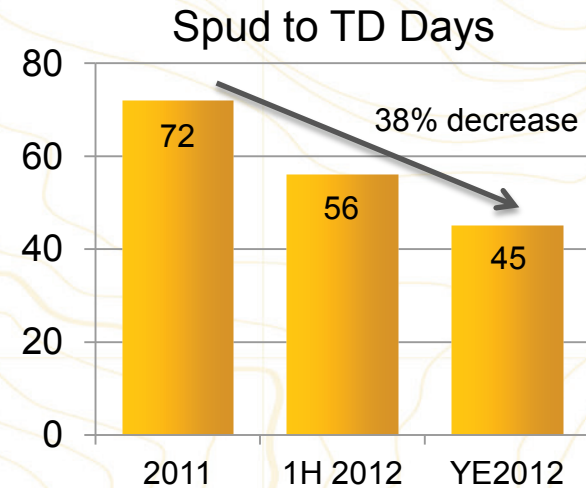
*Oil Price \$90 Gas Diff Premium +85%

SCOOP Efficiency Gains Accelerated...

Through technology transfer

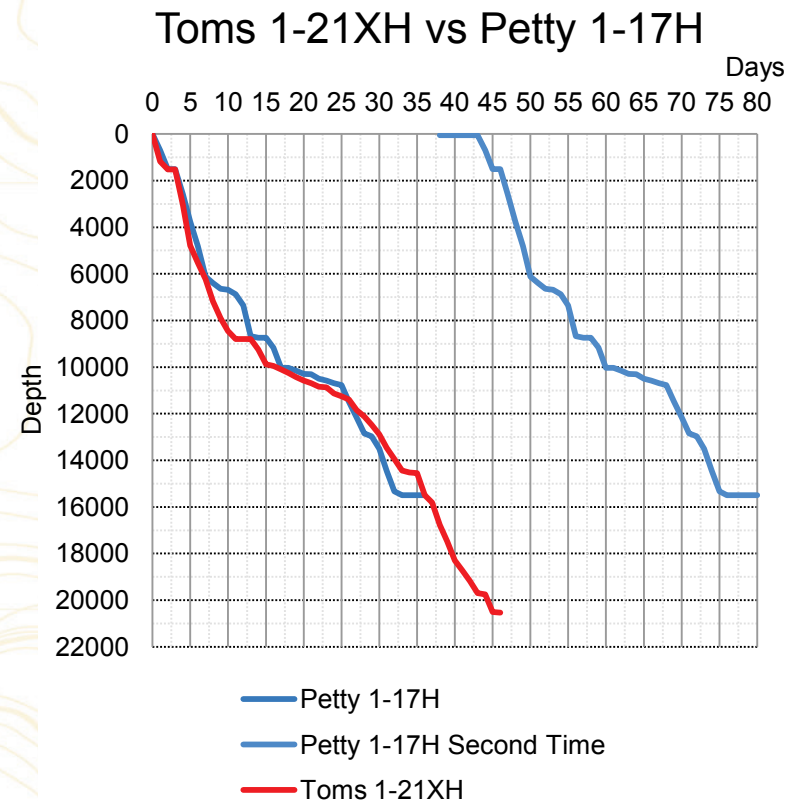
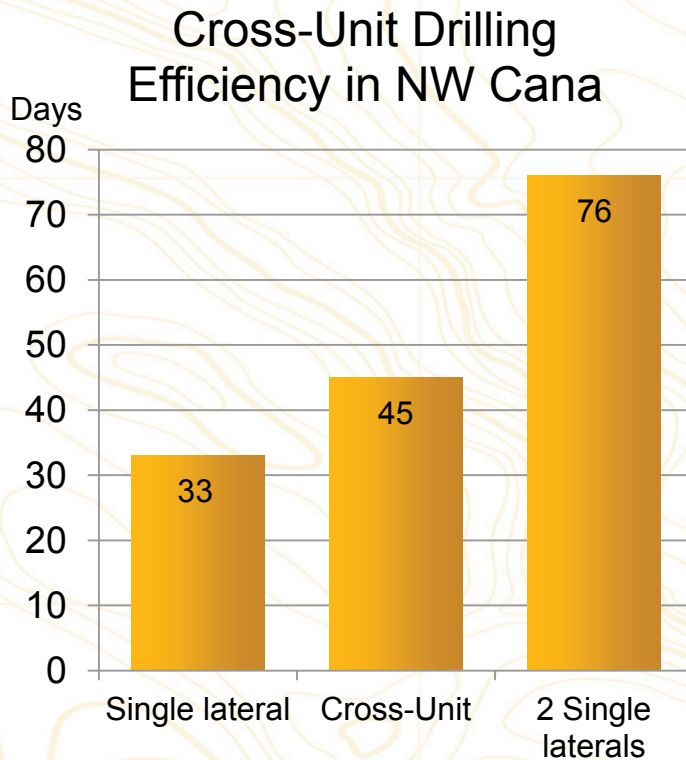
🔥 Efficiency factors

- 7 years experience
- BHA optimization
- Bit selection
- Hydraulics
- Improved geo-steering



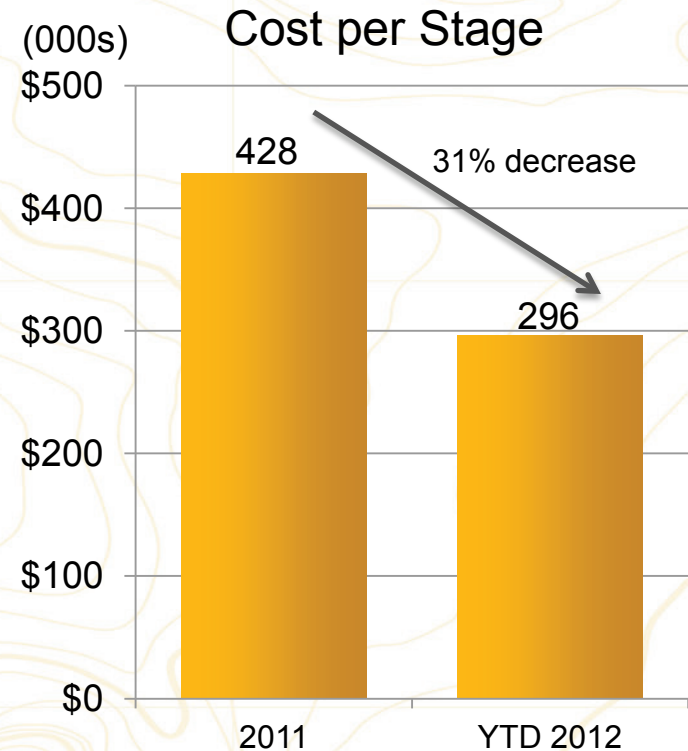
Rapid Gains Through Technology Transfer

First cross-unit (extended lateral) well in OK (HB 1909)
Planning to drill Cross-Unit wells in 2013.



SCOOP Completions Costs Decreasing

- 💧 Reduction in pumping service costs
 - Reduced job time
 - Lower horsepower/costs due to target zone navigation
 - Service company price reductions
- 💧 Reduction in material costs
 - Water recycling facility in 2013
 - Proppant costs declining

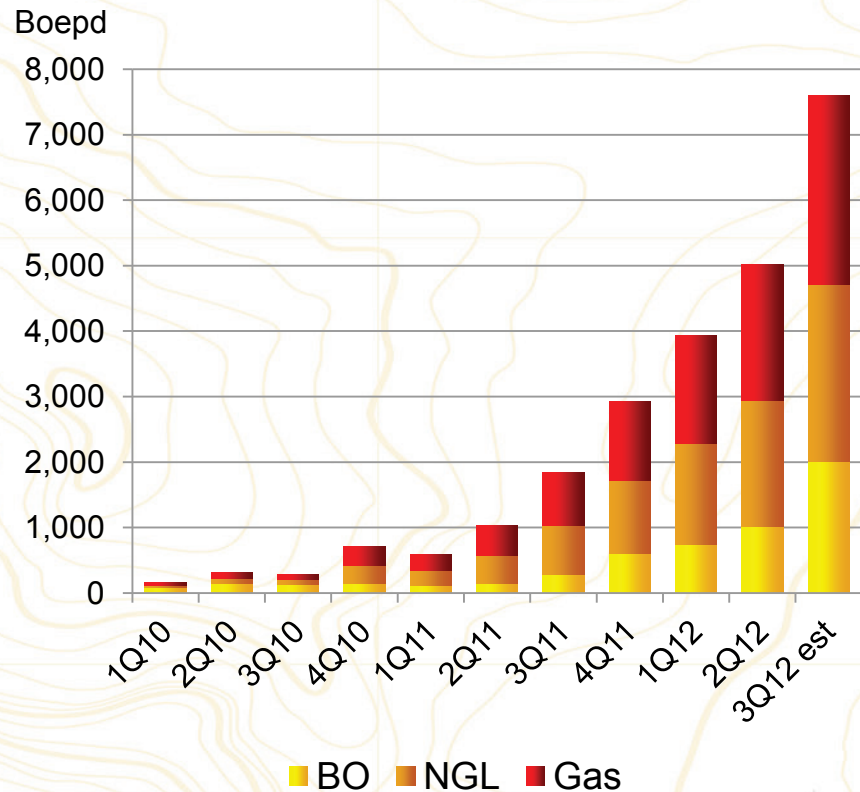


SCOOP

Production growth driven by increased drilling and optimized completions

- 🔥 Optimizing frac stages
 - Proppant (size/volumes/type)
 - Fluid (type/volume)
 - Perforation (spacing/density/orientation)
 - Number of stages
 - Improved lateral placement

SCOOP Production Growth



SCOOP: Doubling Down!

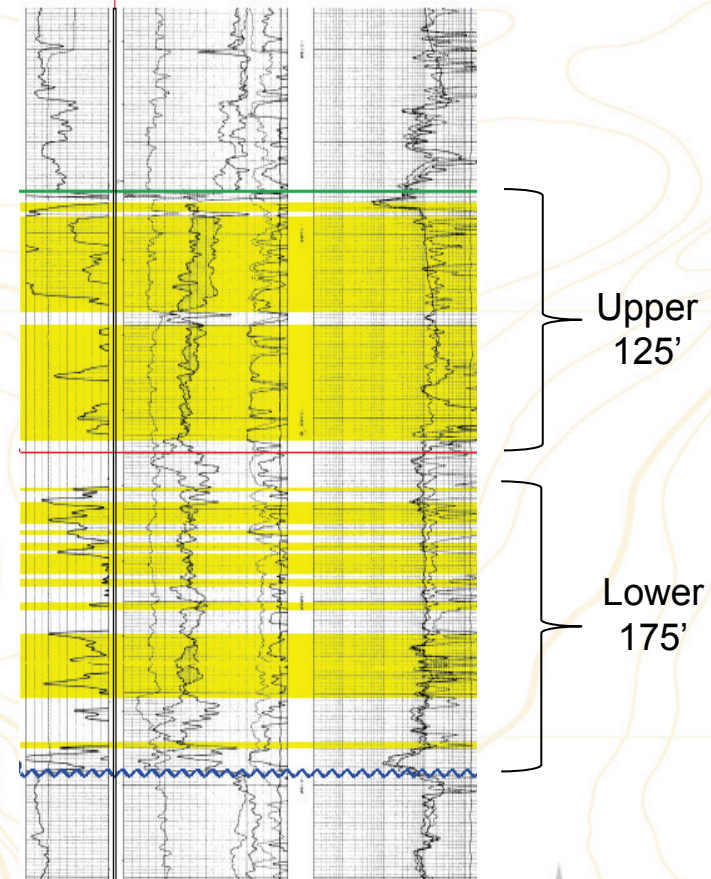
🔥 Stacked laterals

- Woodford thickness typically 200-300'
- Frac height is 70-100' (internal studies)
- Requires 2 wells to stimulate Woodford
- Both targets proven commercial

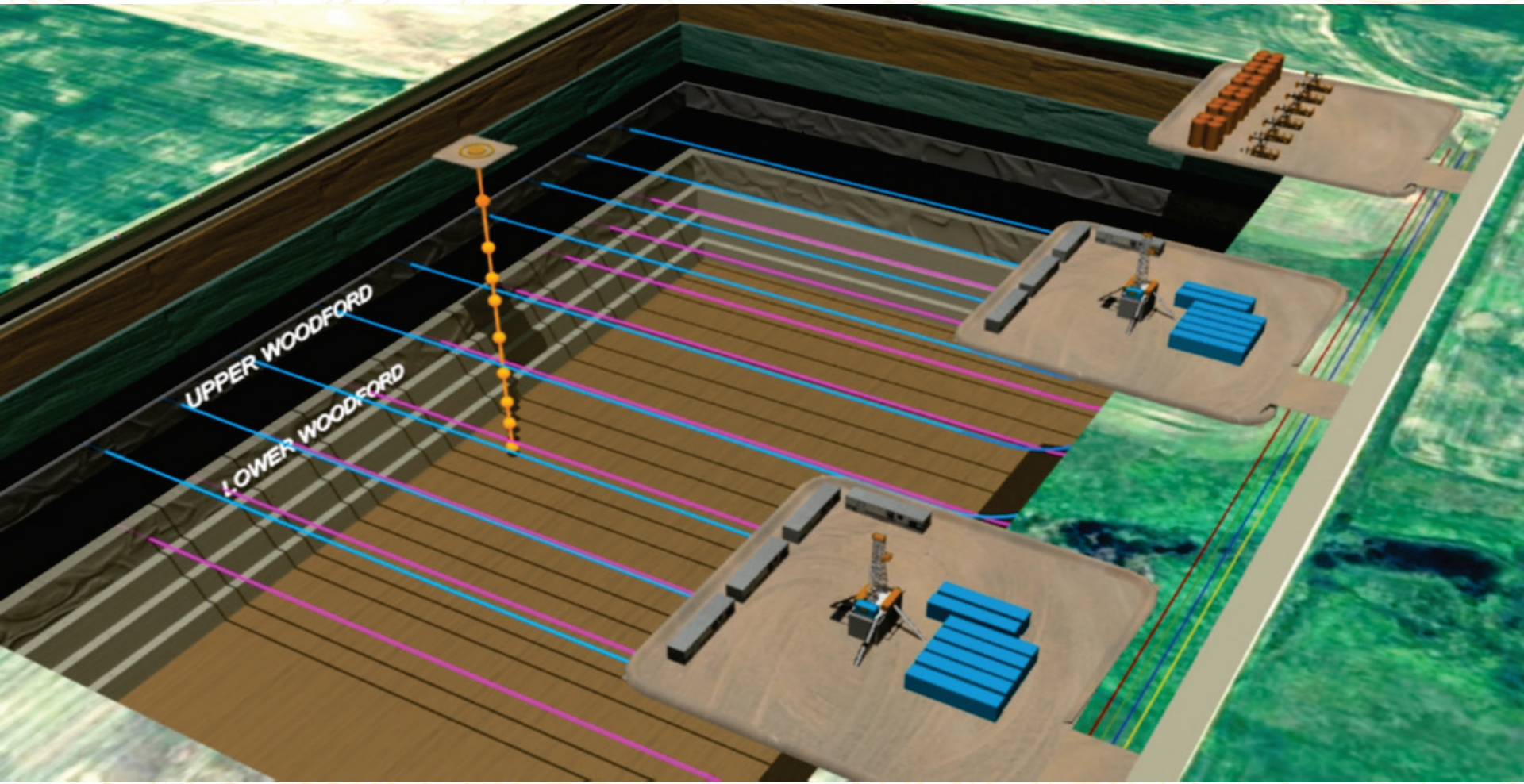
🔥 Testing the concept

- Currently participating in pilot infill program
- Plan 2012 test of high/low

SCOOP Type Log

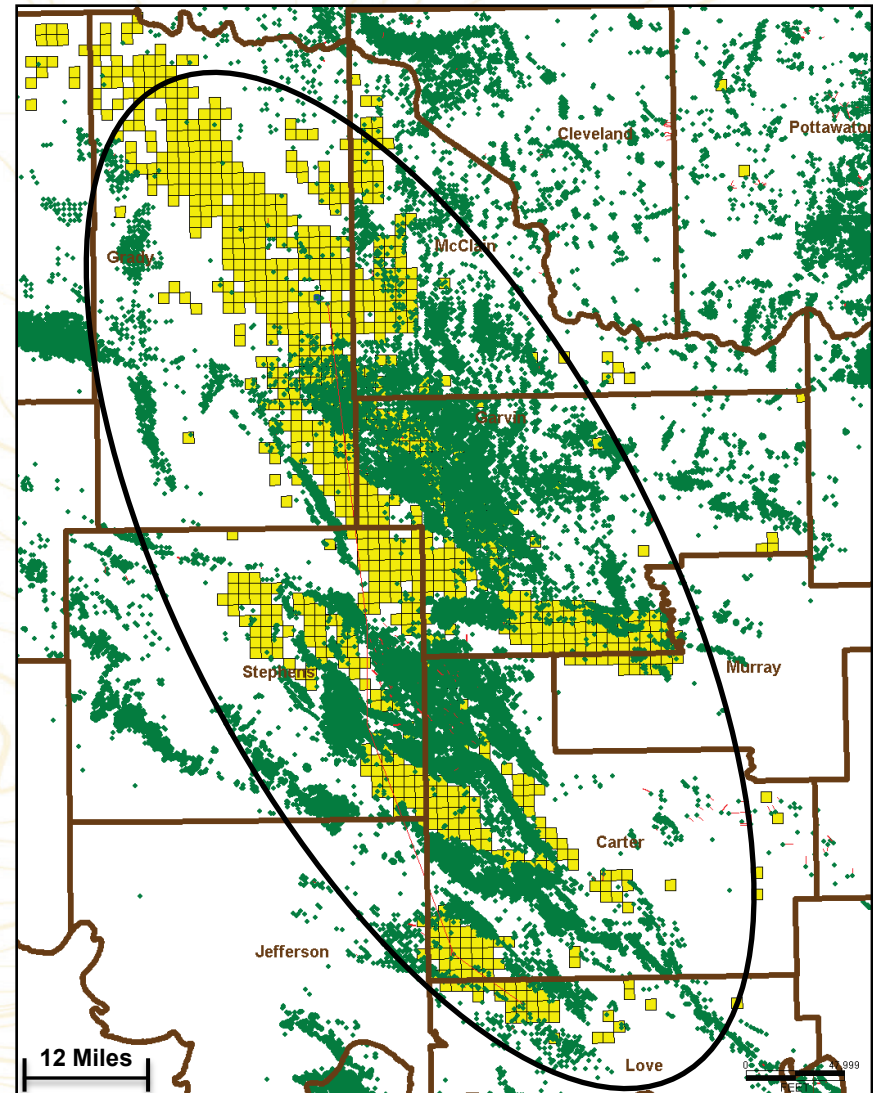


Testing the Dual Reservoir Concept



SCOOP Summary

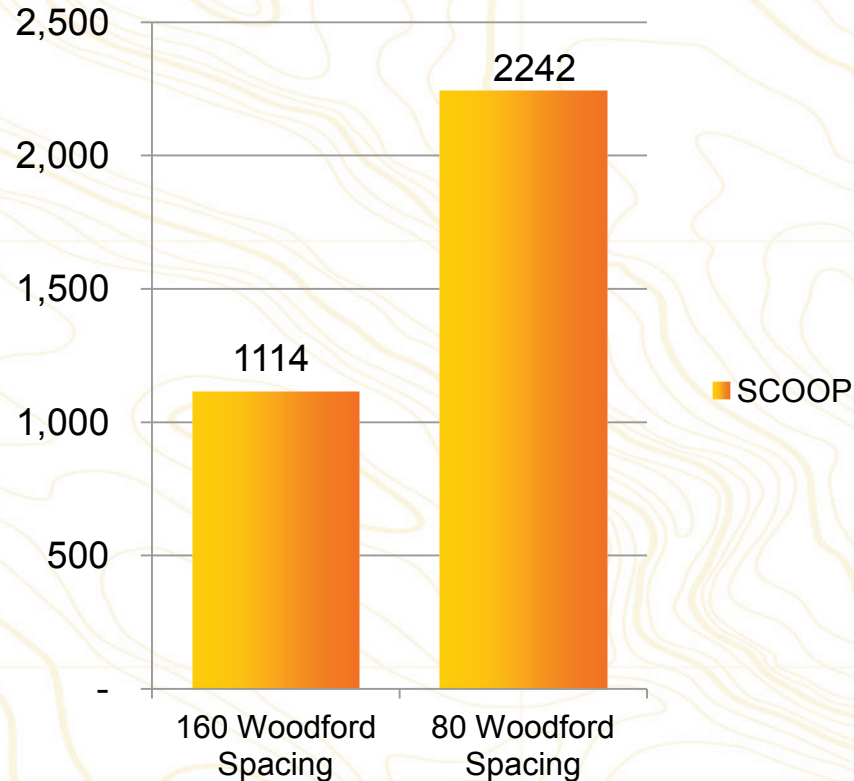
- High impact oil-rich resource shale play
- Superior reservoir with dual-lateral potential
- Proven, repeatable high ROR
- Commanding acreage position



SCOOP: 1.8 BBoe Woodford Resource Potential

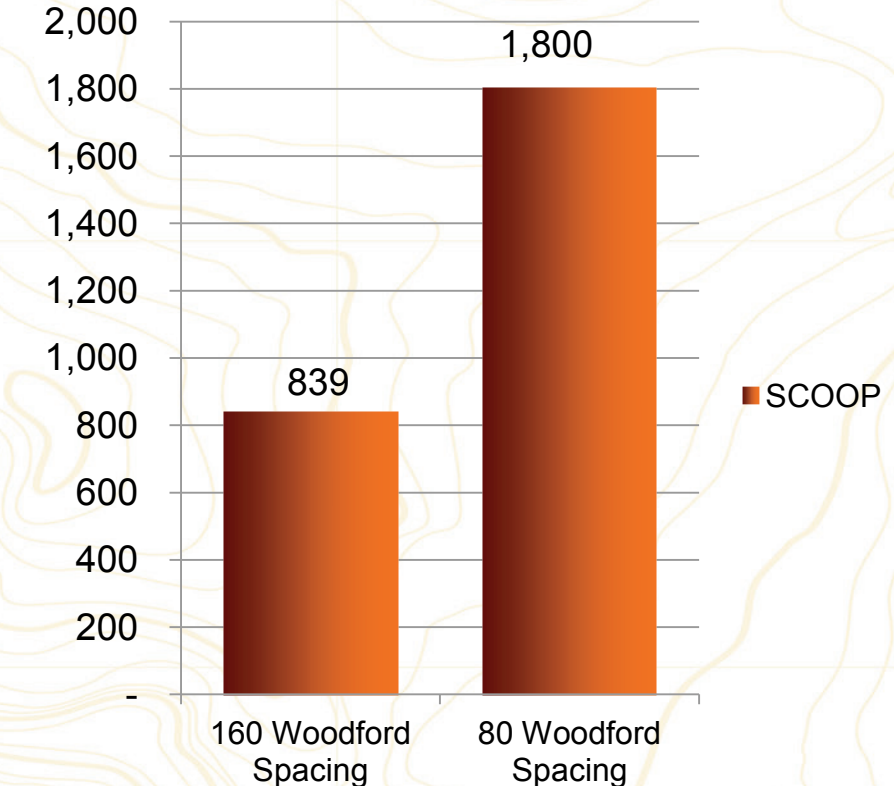
Unbooked Unrisked Potential Net Wells

(Net Wells)



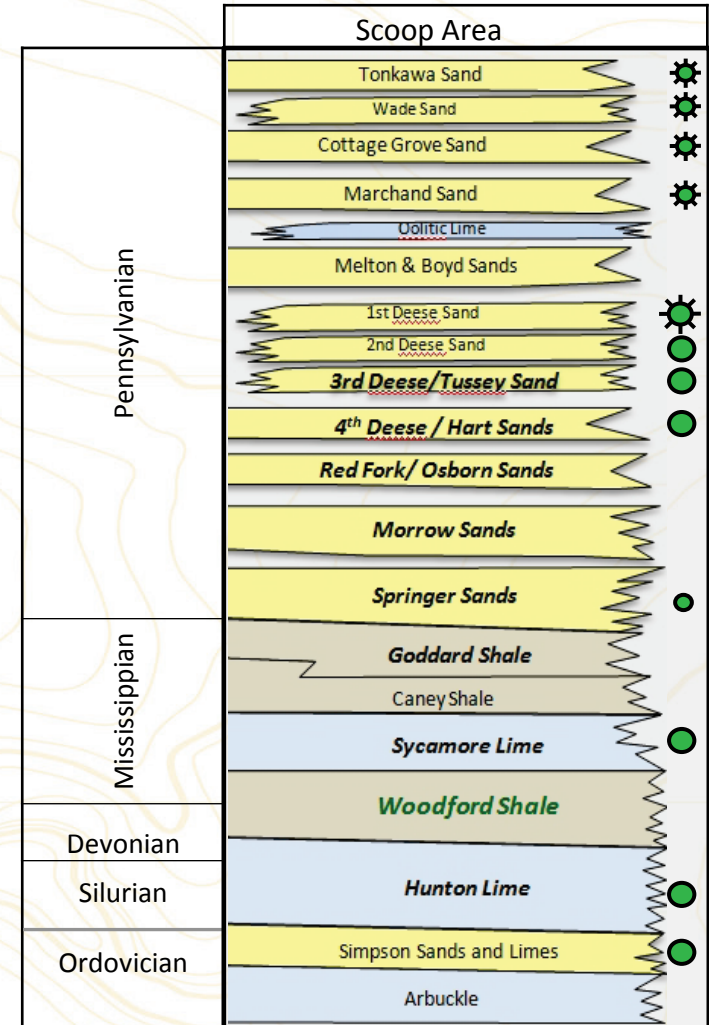
Net Unbooked Resource Potential

(MMBoe)



SCOOP: But Wait, There's More

- 💧 Numerous conventional reservoirs
 - Multiple opportunities identified
 - Can be assessed while drilling Woodford
- 💧 Additional oil resource plays also identified
 - 50,000+ net acres
 - 88 MMBoe net unrisked potential
 - Testing underway



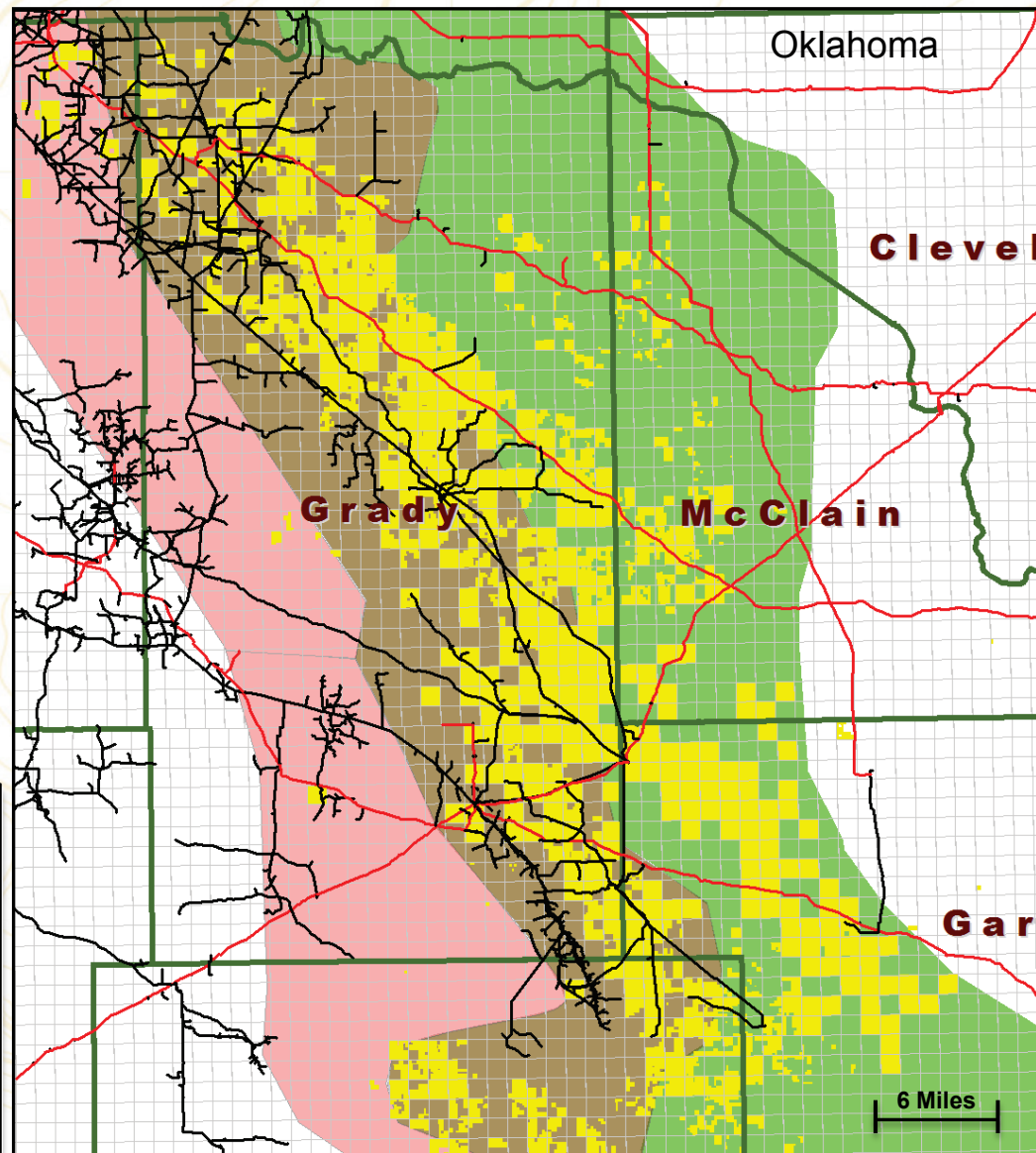
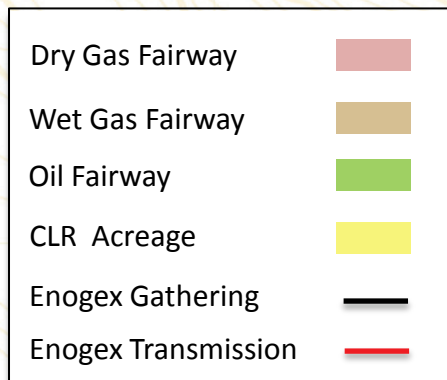


Oil & Gas Marketing

Infrastructure

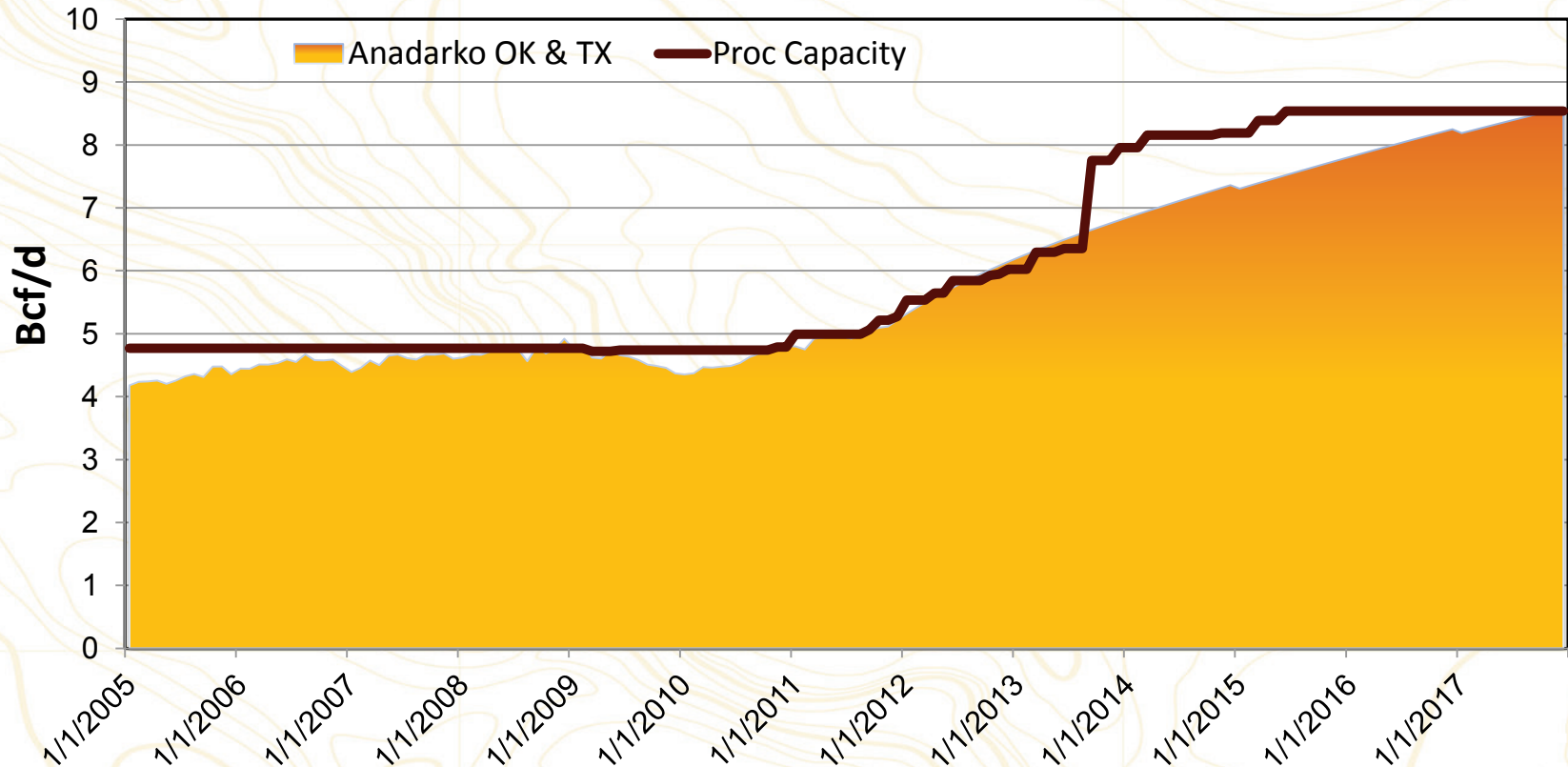
Enogex Gathering & Processing

- 2012 Accomplishments:
 - 15,400 horsepower compression
 - 82 miles mainline piping
 - 40 miles wellhead gathering
 - 19 new wells connected



Anadarko Gas Processing Running at Full Rates, With Minimal Constraints Risks Thru 2017

Anadarko Production and Processing Capacity*

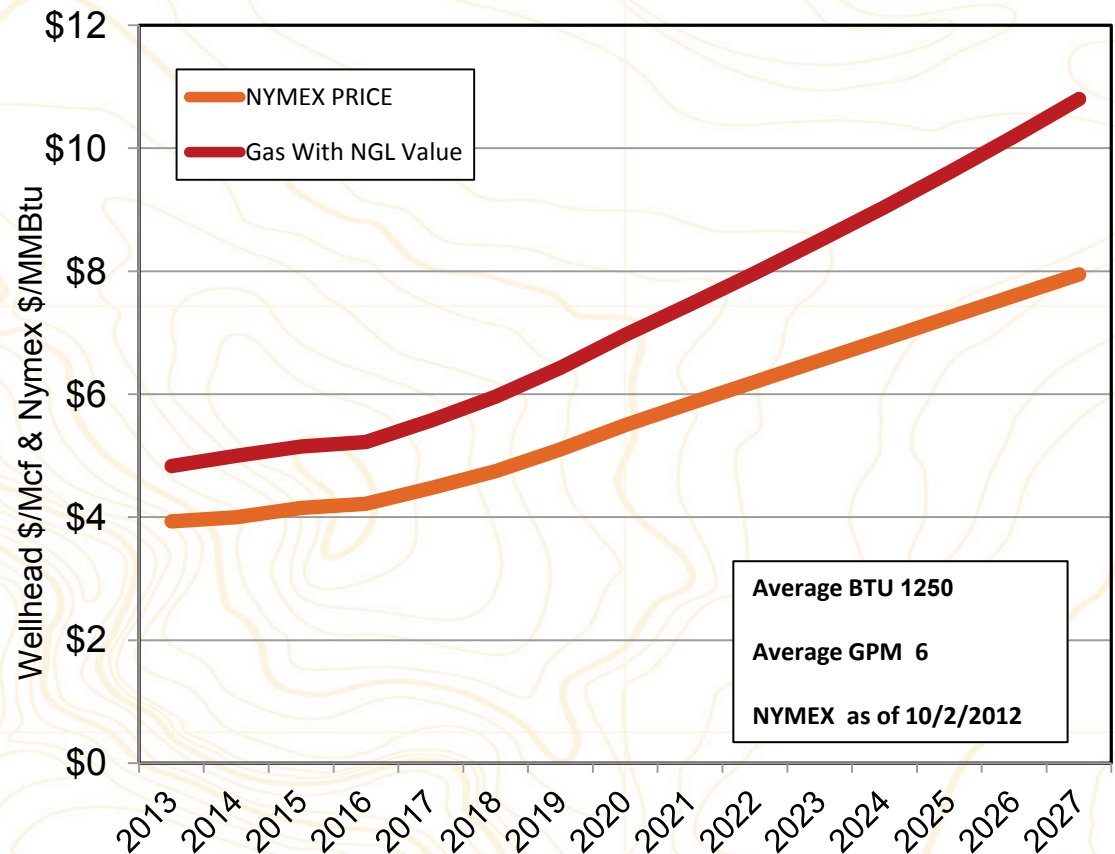


*Bentek proprietary study

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Value of Recent SE Cana Contract

- NPV10 value of most recent SE Cana contract is \$4.8 B
- NGL value over NYMEX is \$1.00 initially – nearly triples over contract life



Based on Mont Belvieu NGL pricing

QUESTIONS