

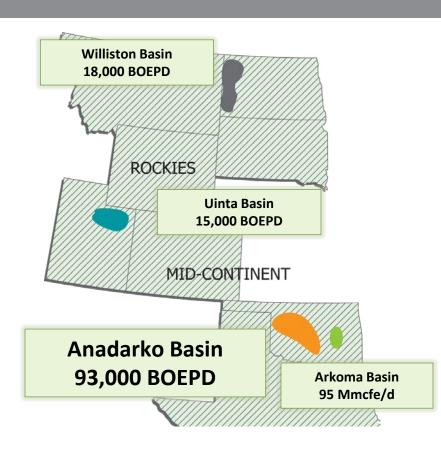
# All the "SCOOP" About the STACK IPAA/TIPRO

Gary D. Packer Chief Operating Officer Newfield Exploration Company November 9, 2016



# Who is Newfield?

- Independent E&P company headquartered in The Woodlands, Texas
- Founded in 1988; IPO 1993
- Traded on NYSE as "NFX"
- >\$1.5B in annual revenues
- 509 MMBOE proved reserves
- 2016e Domestic prod: ~147,000 BOEPD
- Capital budget: \$750 MM
  - >80% invested in SCOOP/STACK



**Vision:** To be recognized as the premier E&P company, delivering operational excellence, top-tier business results and value to our shareholders, employees and the communities in which we live and work.



# What's New at Newfield?

- 2016 was a strong year of performance
- Raised production guidance every quarter in 2016
  - Expect to beat original '16 plan by ~3.5
    MMBOE or seven percent
  - Domestic LOE per BOE anticipated to be down
    >20% YOY
- Continued to reduce G&A expenses
  - >\$50 million compared to 2014
- Sold \$380 million in non-strategic assets and acquired more core acreage in STACK
- Company to increase rig count in Anadarko Basin entering 2017
  - Full-year capital investment plan moves to \$750 million
- Continued strong well results in the Anadarko Basin





### The Anadarko Basin has Led Newfield's Transformation...

#### Then

- Diversified asset base
- Conventional
- Natural gas-weighted production
- Limited drilling inventory
- Exploration-based
- Higher operating costs

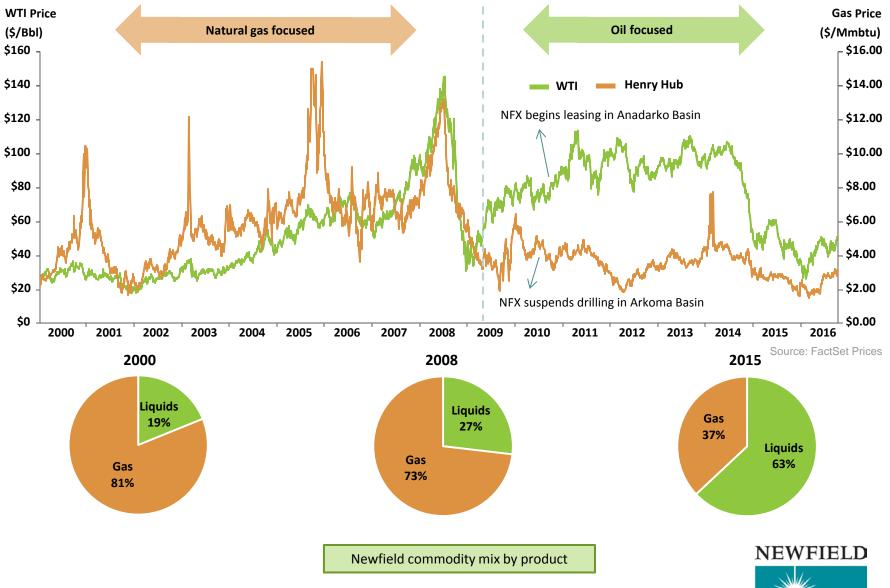
#### Now

- Focused asset base
- Unconventional
- Oil-weighted production inventory
- Deep, quality drilling inventory
- Shale-scale, development focused
- Improved cost structure

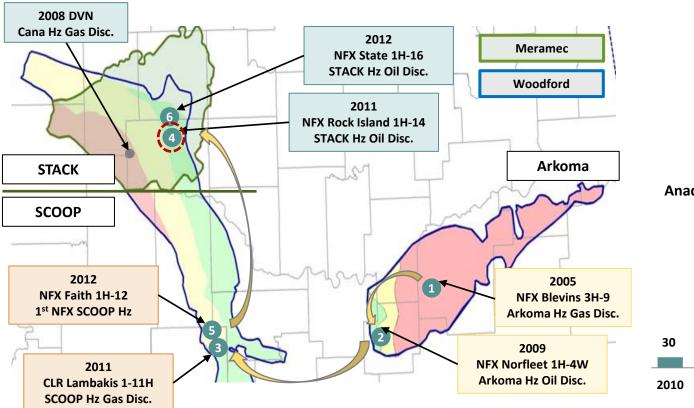


### Newfield's Shift to Liquids was Catalyzed by the Financial Crisis...

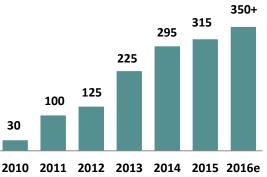
#### **Commodity prices since 2000**



### Shifting from Arkoma to Anadarko



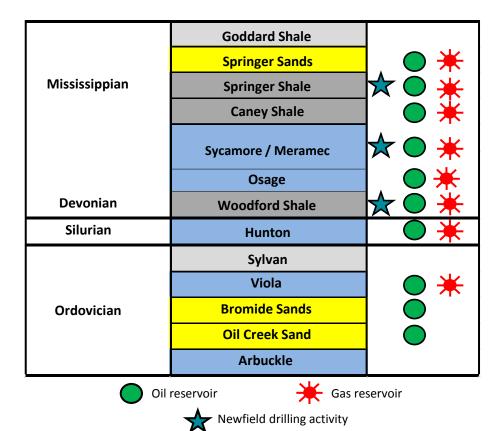
Anadarko Basin Net Acreage (000's)



	Oper	Well Name	IP	1 <sup>st</sup> Prod.	Formation	
1	NFX	Blevins 3H-9	462 MCFED	2005	Woodford	Arkoma Hz Gas Disc.
2	NFX	Norfleet 1H-4W	1,018 BOED	2009	Woodford	Arkoma Hz Oil Disc.
3	CLR	Lambakis 1-11H	5.1 MMCFED	2011	Woodford	SCOOP Hz Gas Disc.
4	NFX	Rock Island 1H-14	329 BOED	2011	Woodford	STACK Hz Oil Disc.
5	NFX	Faith 1H-12	4.5 MMCFED	2012	Woodford	1 <sup>st</sup> NFX SCOOP Hz
6	NFX	State 1H-16	618 BOED	2012	Meramec	STACK Hz Oil Disc.



### Identifying and Understanding the "World-class" Anadarko Basin



#### Understanding Play Fairway with Regional, Bottoms up Analysis

- Characterize and map the key elements regionally
- Petrophysical model tied to core & well cutting data
- 2D & 3D seismic incorporated in sub-surface mapping
- Utilize Common Risk Segment (CRS) mapping approach to high-grade targets

#### **Robust Source Rock**

- Largest and deepest onshore U.S. basin
- Richness (TOC)—10 to 15%
- Slow and steady burial in generating window over 100 mm years

#### Stacked Resource (2,000' to 3,000')

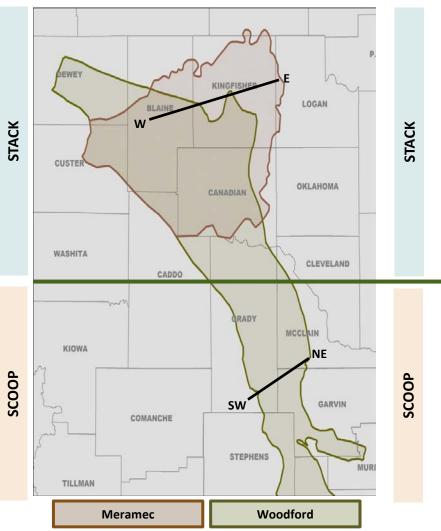
- Substantial reservoir understanding through extensive vertical well control
- Silica-rich (50% 65%), low clay content, brittle
- Fluid properties All phases present

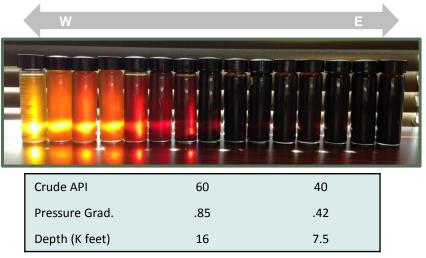
#### Excellent Regional seals (Chester, Goddard, Penn Shales)

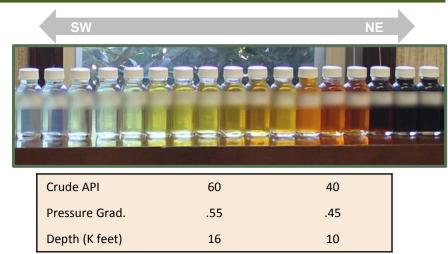
#### Structural Setting—Abundant Natural Fractures



# **SCOOP/STACK Offer Optionality Across Position**

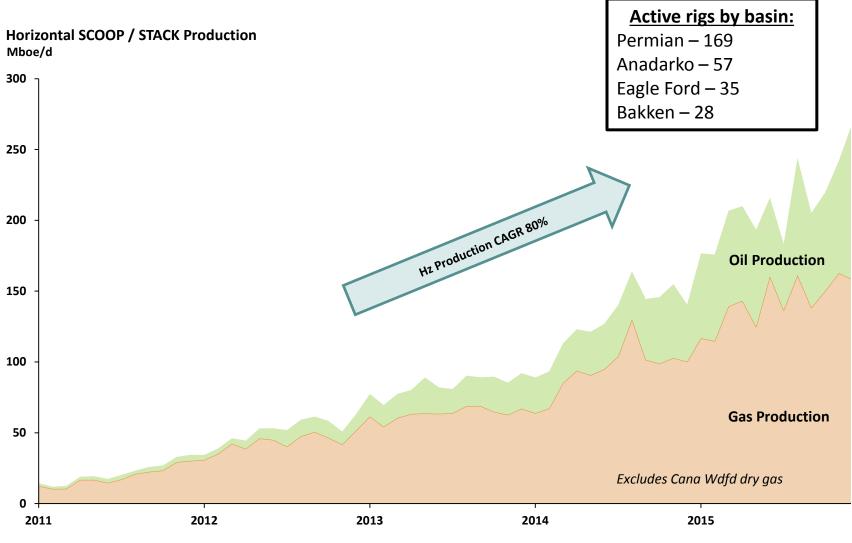








# **SCOOP / STACK Production Growing Rapidly**

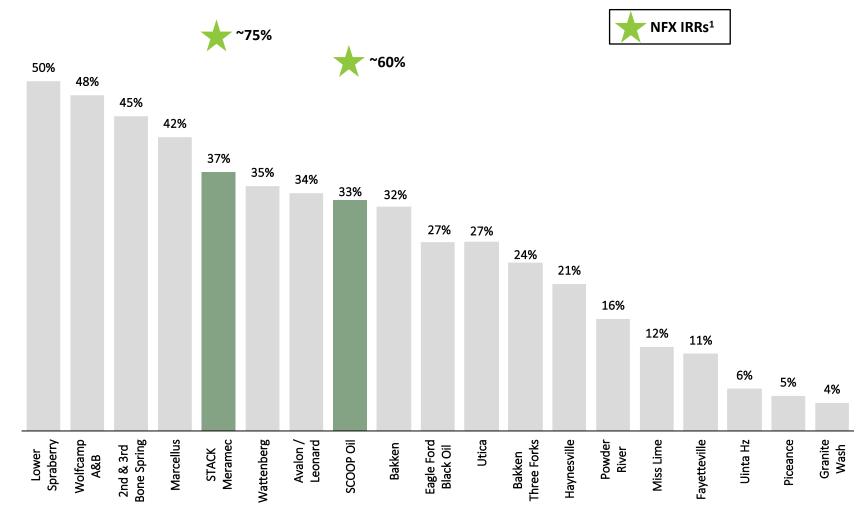


Source: EIA drilling productivity reports and Baker Hughes rig count data Note: January 2011 – December 2015



### **Provides Some of the Best Industry Returns**

#### Select single well IRRs per equity research

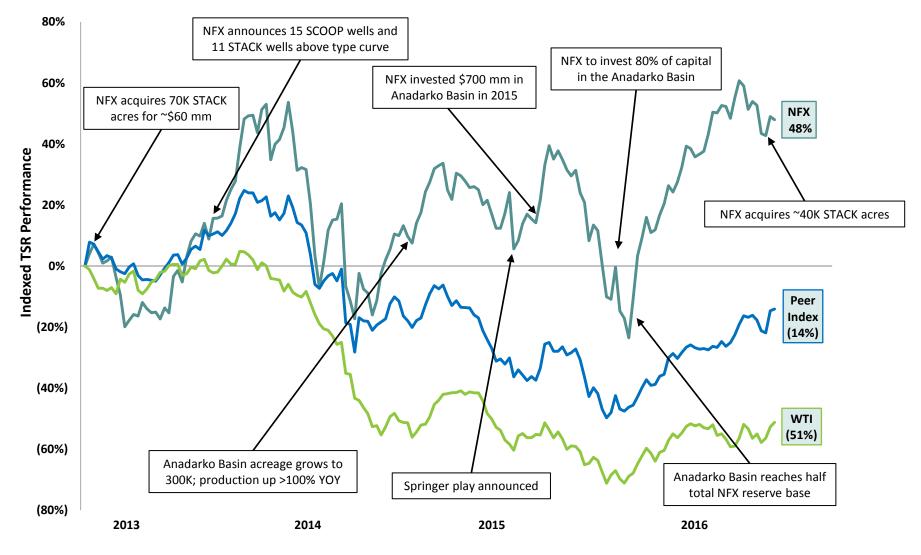


Source: Wall Street research as of September 1, 2016. Based on strip pricing from 2016 – 2020+ of \$43/50/53/54/56 and \$2.39/3.17/3.04/3.01/3.06.

<sup>1</sup> Newfield returns based on oil pricing of \$55.00,\$60.00,\$65.00 and flat thereafter



# **Resulting in Meaningful Share Price Outperformance**



Source: Ipreo Holdings LLC Peer Index: BBG, CHK, CLR, CRZO, CXO, DVN, EGN, EPE, JONE, MRO, MTDR, NBL, PDCE, PXD, QEP, SM, WLL, WPX, XEC



### Validated by Industry Results and Investor Interest



"Despite early stages of development, the STACK has risen to the forefront of U.S. shale returns, which can be corroborated through the M&A market with companies paying \$3.8B in transaction value during 2016, second to only the Permian basin." – Howard Weil Research Active play consolidation

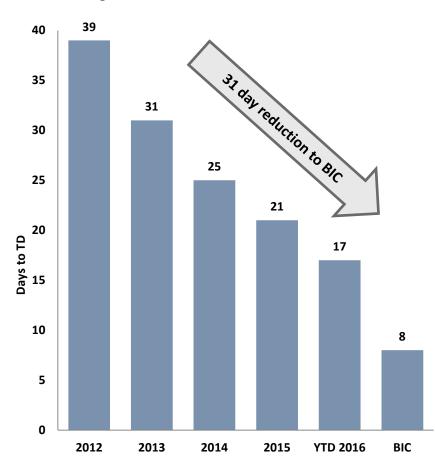
- Devon acquires Felix for >\$2 billion
- Marathon acquires Payrock for ~\$900 million
- Newfield acquires CHK acreage for ~\$470 million
- Industry consistently raising type curves
- Strong well results

NFX	Scheffler 1H-9X	1,843 boepd (IP30)
NFX	James 1H-2X	2,166 boepd (IP30)
NFX	Post Brothers 1H-27X	1,701 boepd (IP30)
DVN	Pony Express 27-1H	2,100 boepd (IP30)
DVN	Cows Face 0805-4AH	2,200 boepd (IP30)
CLR	Boden 1-15-10XH	3,508 boepd (IP24)
CLR	Madeline 1-9-4XH	3,538 boepd (IP24)

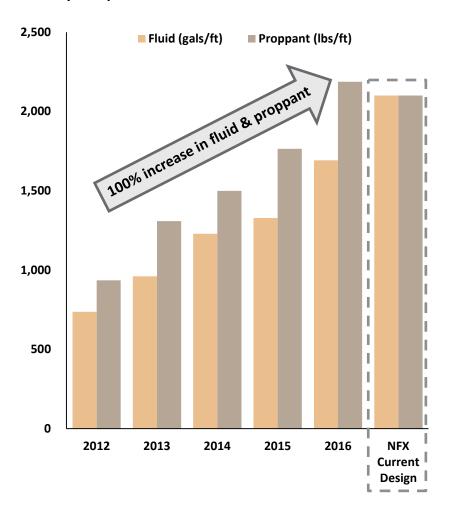


### **Operational Improvements Continue to Enhance Returns**

#### **NFX Drilling Evolution**



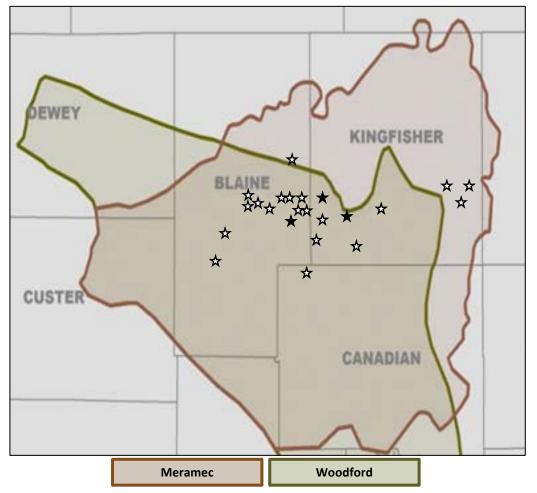
#### **Industry Completions Evolution**





### **Operators Preparing for Development with Density Pilots**

Newfield Pilots Select Industry pilots



#### **Infill Activity Highlights**

- Seven operators infilling sections
- Testing up to three landing zones and up to 19 wells in a single DSU
- >20 infill pilots; 14 in various stages of completion
- Six infill DSUs online; Two additional DSUs flowing back



### **Key Takeaways**

- SCOOP and STACK among hottest plays in U.S.
  - Increasing rig activity
  - Resilient economics at low oil prices
  - Deep and growing visible inventory
- Commodity diversity across hydrocarbon phase envelope
- Transition to STACK development creating efficiencies
  - Lower drilling costs, pad development
  - Infill spacing pilots
  - Optimized completions, increasing EURs
- Sound and effective regulatory environment in Oklahoma





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