





Industry Leading Investment Banking Practice

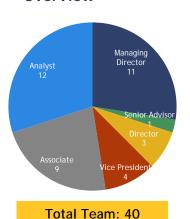
Top Energy Advisor⁽¹⁾ (\$ in millions)

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Firm	# Deals
Tudor Pickering Holt & Co	63
RBC Capital Markets	45
Barclays	44
Jefferies & Company	37
Bank of America Merrill Lynch	34
Goldman Sachs	30
JPMorgan	30
Credit Suisse	28
Citi	28
Deutsche Bank	20

2010 - 2012 YTD		
Firm	Value (\$MM)	
Barclays	\$143,412	
Goldman Sachs	121,989	
Tudor Pickering Holt & Co	76,902	
Credit Suisse	71,046	
Evercore Partners Inc	65,828	
Citi	64,354	
Morgan Stanley	60,881	
Jefferies & Company	57,868	
JPMorgan	50,179	
Deutsche Bank	40,258	

Overview



- Coverage of Midstream/MLP, OFS, Power and Upstream sectors
- Senior execution expertise in M&A, Corporate Finance, A&D and Capital Markets
- Industry/engineering expertise integrated into IB effort across all sectors
- Three-year old team achieved >25% market share⁽¹⁾ in 2010

Advisory

- Sell-side & Buy-side
- Joint Ventures
- Opinions
- Special Committee
- Strategic advisory
- Restructuring

Capital Markets

- Public Equity
- Hybrids
- Fixed income
- Private placements
- QIU









Midstream/MLP

OFS

Power

Upstream

TPH combines banking expertise with engineering talent to deliver high quality advice to energy clients







TPH Resource Experience

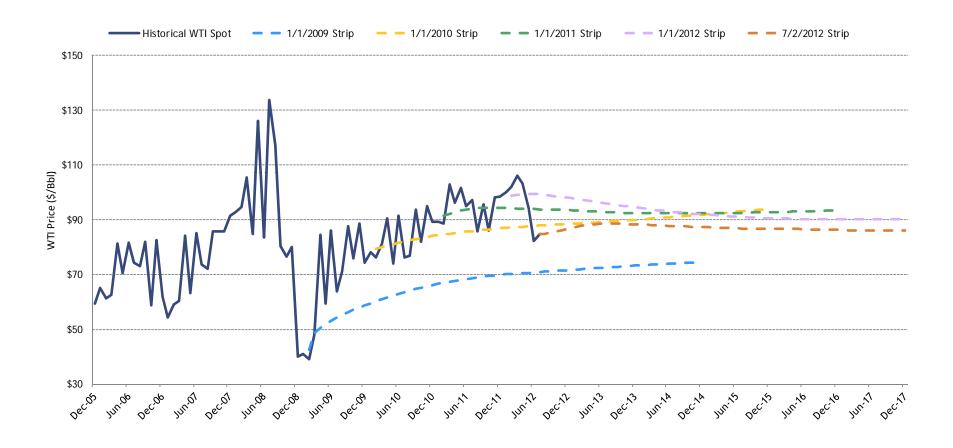
	TPH Investment Banking	TPH Research
Bakken	 Current Sell-side: Helis Oil & Gas Current Sell-side: Cornerstone Natural Resource Buy-side: Crestview Partners acquisition of Samson Investment Company Buy-side: Statoil ASA acquisition of Brigham Exploration Sell-side: Citation Oil & Gas Corp. sale to multiple buyers Sell-side: Kaiser Francis Oil Company Sell-side: TRZ Energy (Tracker) sale to Hess Sell-side: American Oil & Gas sale to Hess Atinum investment in Triangle Petroleum Capital markets: Oasis IPO/high yield & multiple BEXP follow-on offerings 	 Upstream companies covered with Bakken exposure: 12 Selected Bakken operator coverage: CLR, EOG, HES, NFX, OAS, OXY, STO, WLL, XOM Published detailed Williston Basin primer
Permian	 Buy-side: Apollo & Riverstone acquisition of El Paso's upstream business Buy-side: Laredo Petroleum acquisition of Broad Oak Energy Sell-side: OGX Resources sale to undisclosed buyer Sell-side: Eagle Oil and Gas to Comstock Resources Sell-side: RKI Exploration & Production equity investment Sell-side: Yates Drilling Company to undisclosed buyer Buy-side: Crestview acquisition of equity in Select Energy Services Sell-side: Arena Resources merger with SandRidge Energy 	 Upstream companies covered with Permian exposure: 24 Selected Permian operator coverage: APA, APC, BRY, CXO, DVN, EOG, OXY, PXD, SD, WLL, XEC Published detailed Permian Basin primer focused on the Spraberry Trend in March 2009
Eagle Ford	 Sell-side: Antares Energy sale to Chesapeake Buy-side: CNOOC/Chesapeake Joint Venture Sell-side: Pioneer Joint Venture with Reliance Buy-side: Large integrated Buy-side: Potential \$400MM private equity investment 	 Upstream companies covered with Eagle Ford exposure: 15 Selected Eagle Ford operator coverage: APC, EOG, GDP, HK, NFX, PXD, ROSE, SM Recently released "Shallow Dive" into Eagle Ford in 2010 Continuing close coverage of well results in play
Haynesville	 Sell-side: Ellora Energy sale to ExxonMobil Sell-side: Undisclosed Private Company to undisclosed buyer Buy-side: Large public company seeking to establish E Tx position Regency/GE/Alinda Haynesville Expansion Project (midstream) 	 Upstream companies covered with Hayesville exposure: 13 Selected Haynesville operator coverage: APC, BG, CHK, GDP, RRC, XCO, XOM Significant recent focus on midstream issues in basin
Marcellus	 Buy-side: \$400MM Private Equity Joint Venture Buy-side: Enerplus Joint Venture with Chief for \$406MM Buy-side: Potential \$500MM Private Equity investment Sell-side: Quest Resources Corp to Multi 	 Upstream companies covered with Marcellus exposure: 16 Selected Marcellus operator coverage: CHK, COG, CRZ, RRC, SWN, UPL, XCO Released in-depth report on the play simultaneously with initiation of Cabot in June
Niobrara	 Sell-side: DIA mineral lease sale Sell-side: Undisclosed private company Sell-side: Joint Resources Buy-side: CNOOC/Chesapeake Joint Venture 	 Upstream companies covered with Niobrara exposure: 14 Selected Niobrara operator coverage: APC, CHK, CLR, EOG, NBL, SM
Utica	Sell-side: Marquette sale to HessSell-side: PDC Energy Joint Venture	 Upstream companies covered with Utica exposure: 8 Selected Utica operator coverage: APC, CHK, HES

Commodity Prices Set the Stage



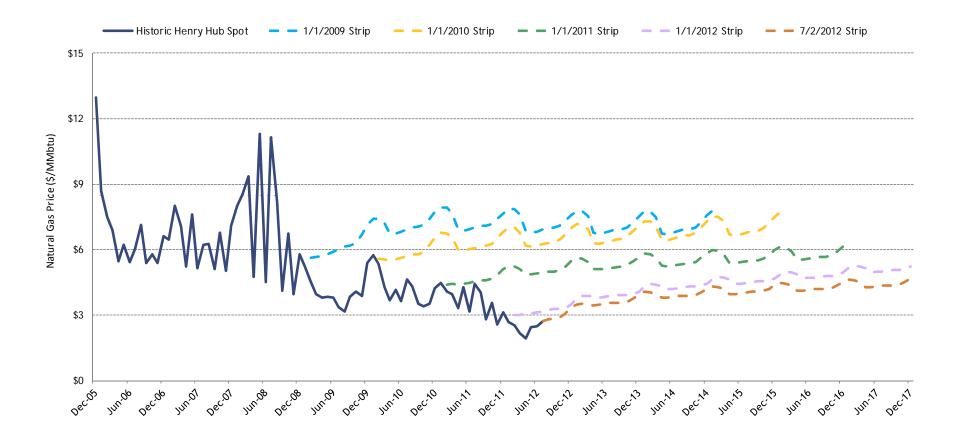
Long Term Oil Price is Key

Today's Question: At what oil price do we drop rigs?



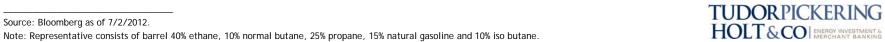


Negative Gas Outlook Impacting Deal Metrics



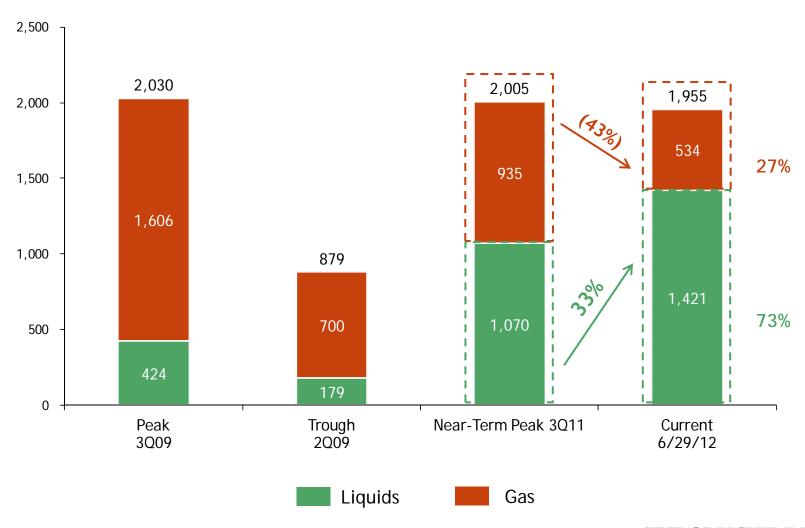
Recent Decline in NGL Prices



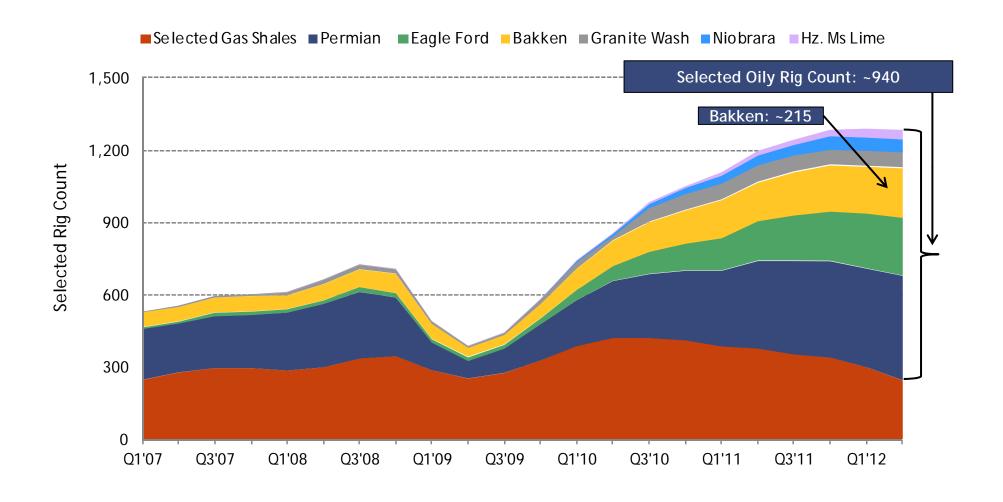


Liquids Rig Count Shift Has Been Dramatic

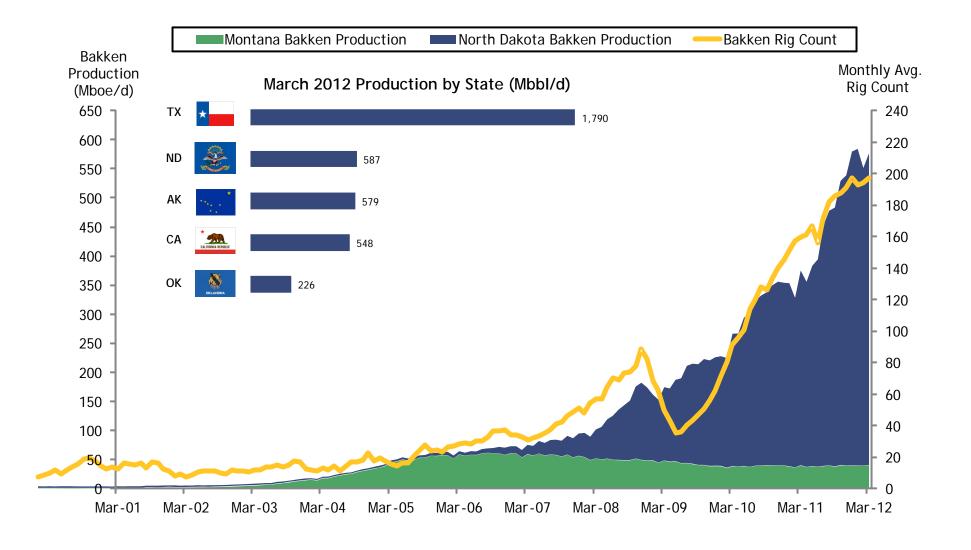
U.S. Onshore Rig Count



Permian and Bakken Driving Oily Rig Shift



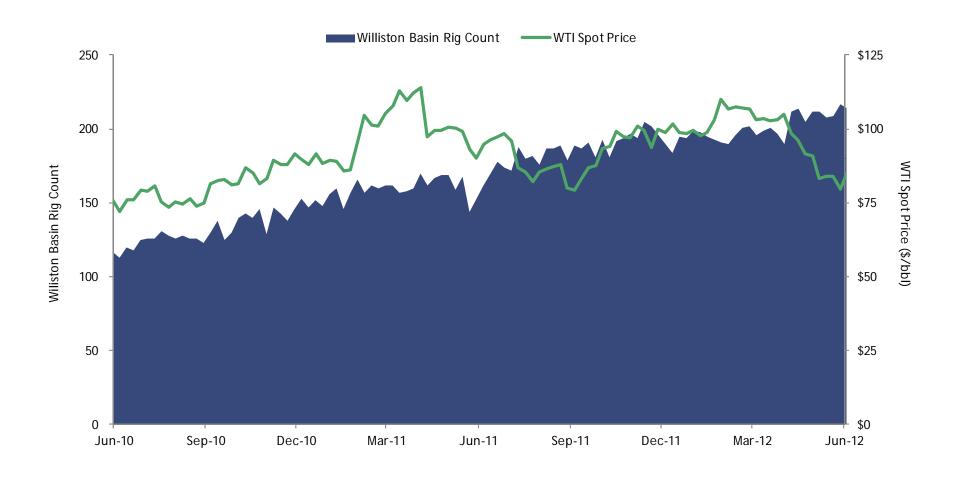
Bakken Vaults North Dakota to #2 US Producer





Bakken Rig Count Close to a Peak?

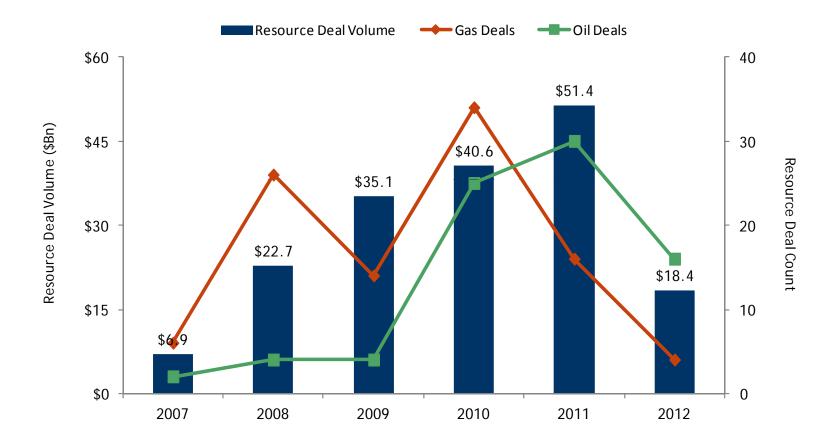
Has Bakken rig count peaked in the 200 - 225 rig range in light of the current commodity backdrop?



Deal Flow Follows Commodities

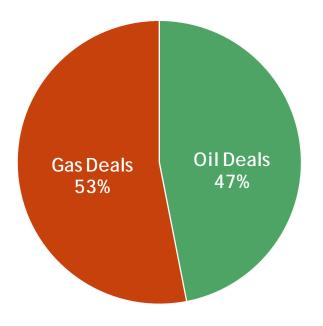


Gas Down, Oil Up: Shocking!



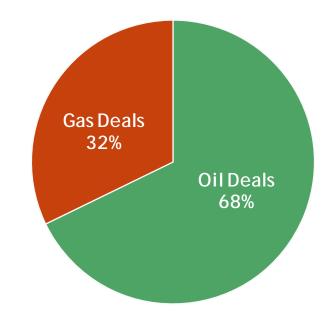
Deals Shifting to Oil/Liquids-Rich





Gas Transactions

2011 - 2012 YTD Deal Count

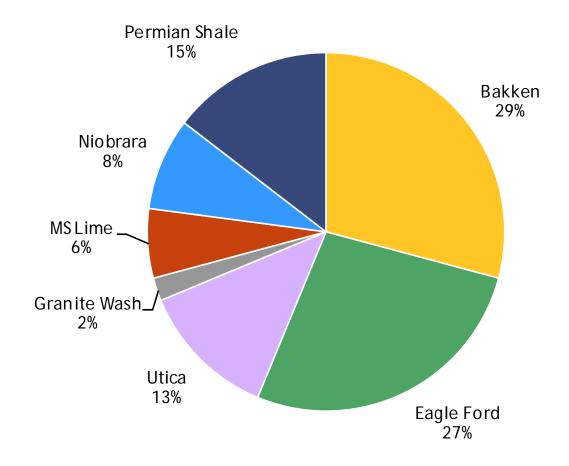


Oil/Liquids-Rich Transactions

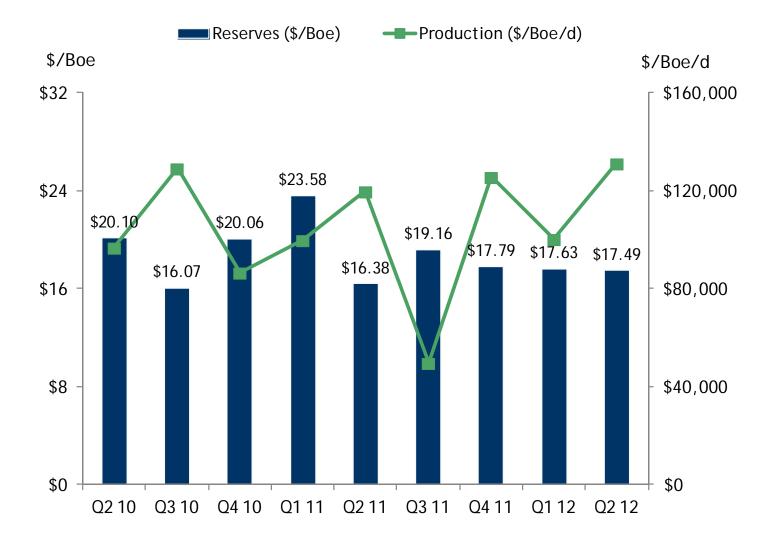


Diversity Among Oil/Liquids-Rich Deal Flow

2011 - Present Deal Count



Conventional Oil Metrics Stable

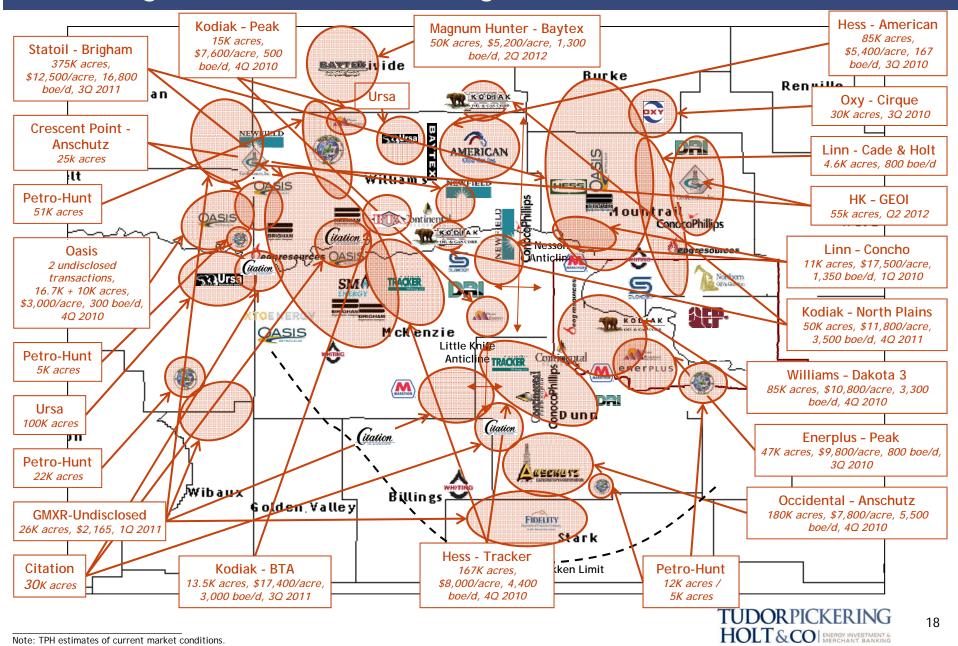




Bakken Deal Specifics

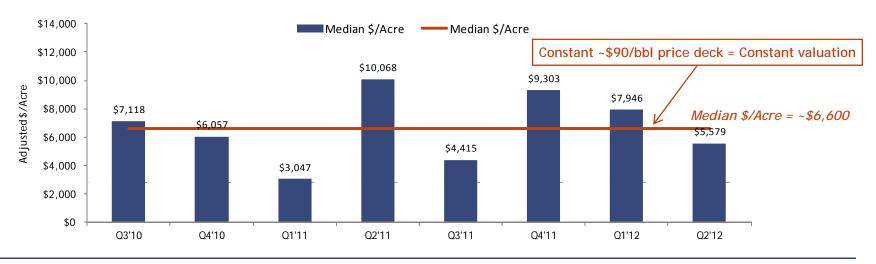


Strong Deal Market Throughout the Basin

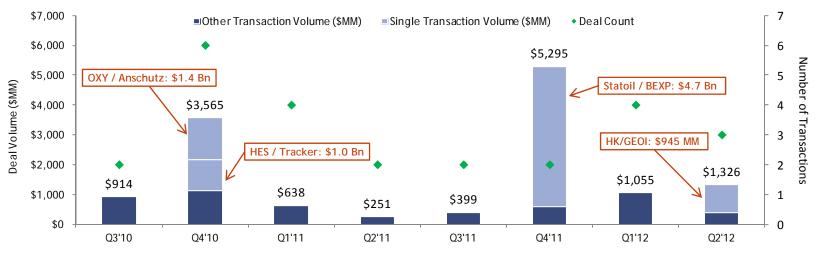


Bakken Transactions Through Time

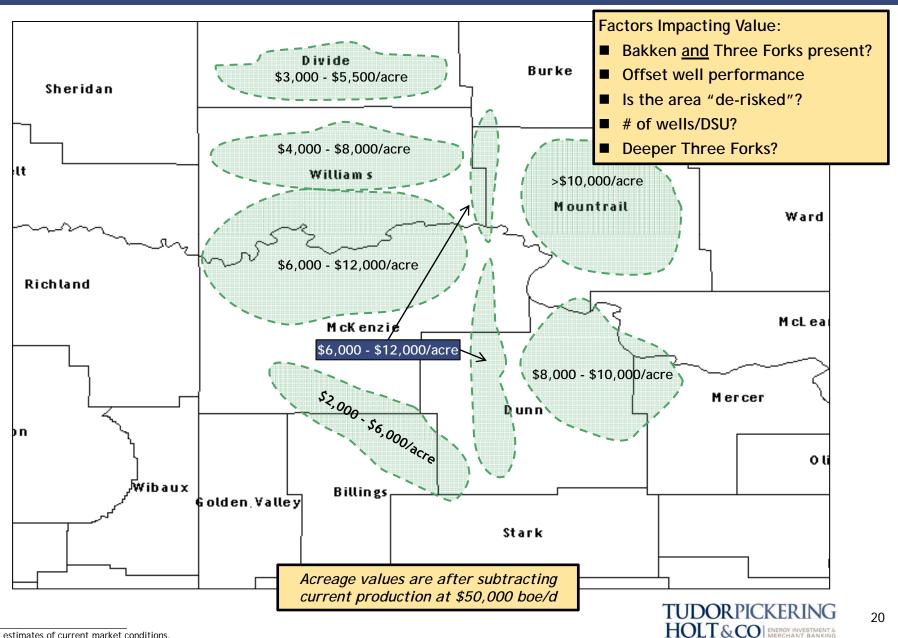
Deal Metrics Remain Stable(1)



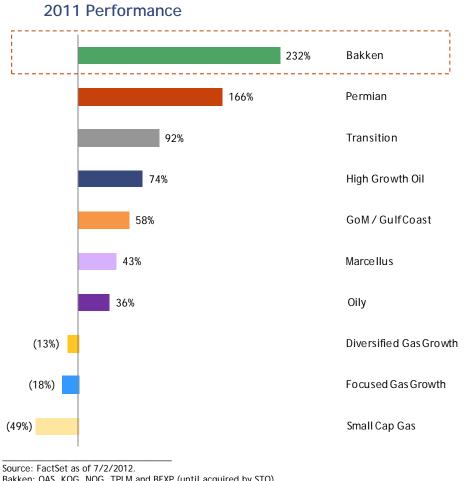
Bakken Deal Flow Shaped by Large Transactions



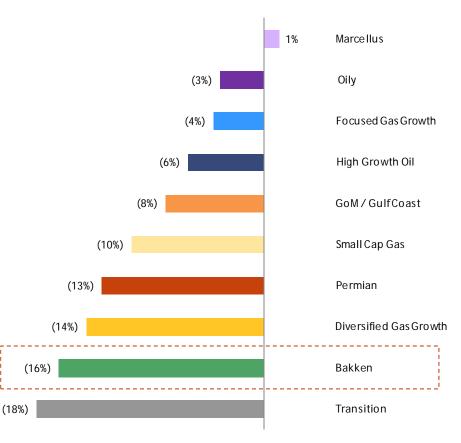
Strong Deal Metrics Throughout the Basin



Bakken Pure Play Public Companies... A Tale of the Tape







Bakken: OAS, KOG, NOG, TPLM and BEXP (until acquired by STO).

Transition: AREX, EOG, ROSE, SD and SM. High Growth Oil: CLR, CXO, DNR and OAS. Oily: BRY, CWEI, PXD, PXP, REN, VQ and WLL.

GOM / Gulf Coast: ATPG, CPE, CXPO, EPL, EXXI, MCF, PQ, SFY, SGY and WTI.

Focused Gas Growth: COG, GDP, KWK, RRC, SWN and UPL.

Diversified Gas Growth: CHK, DVN, ECA, EOG, FST, NFX, QEP, XCO, and XEC.

Small Cap Gas: BBG, CRK, GMXR, PETD and PVA.

Permian: AREX, CWEI, CXO, LPI and PXD.

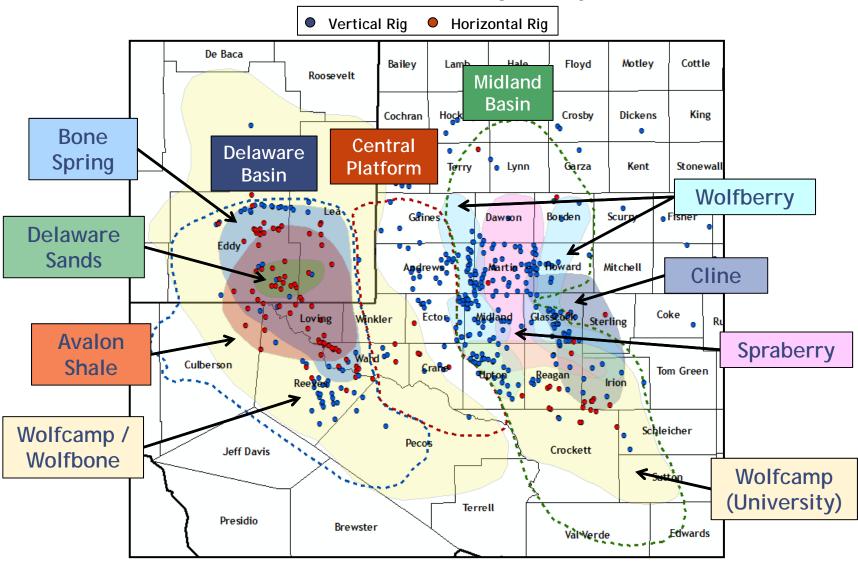
Marcellus: GOG, RRC and EQT.



Permian Deal Metrics

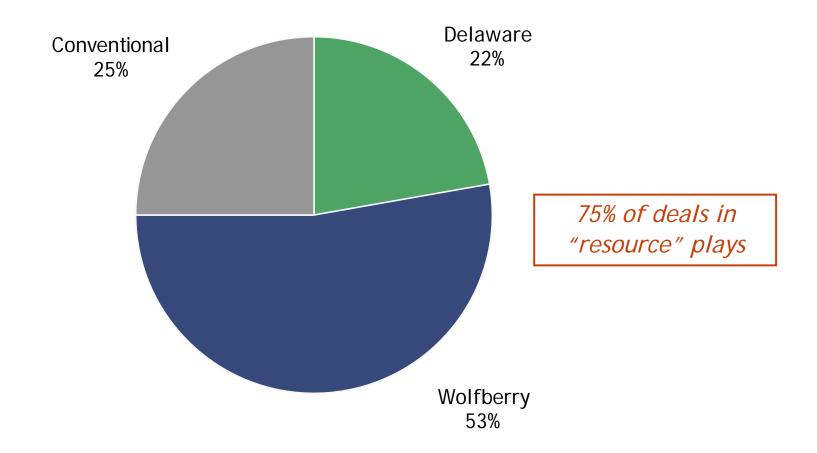
Stacked Oil Plays Drive the Permian

Current Permian Drilling Activity



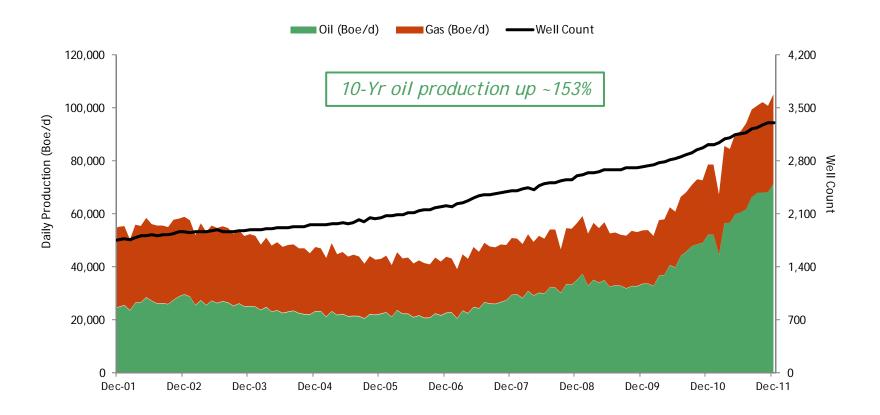
Permian M&A Deal Flow

2009 - 2012 YTD Deal Flow



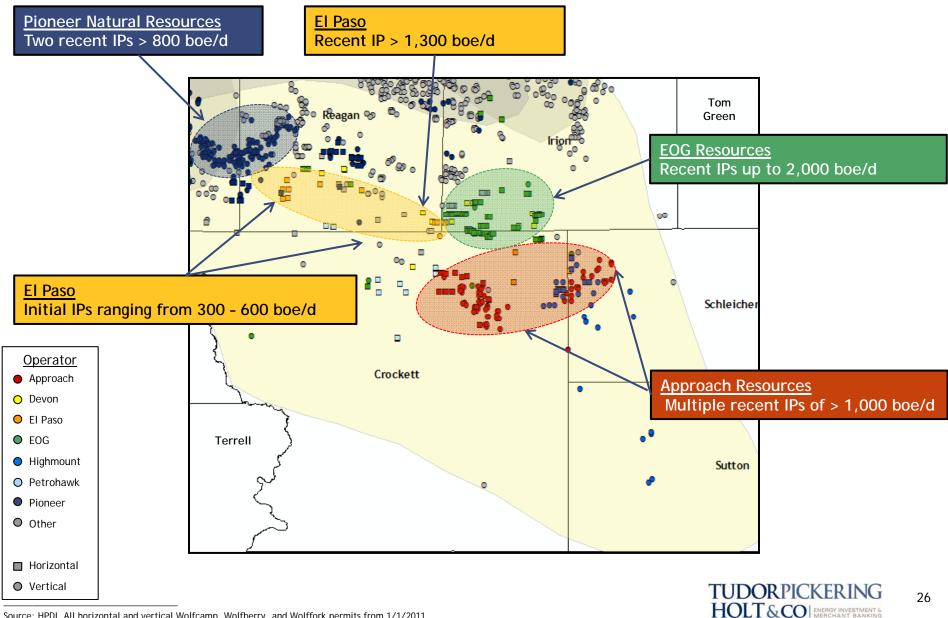
Industry Weighted Towards Oily Production

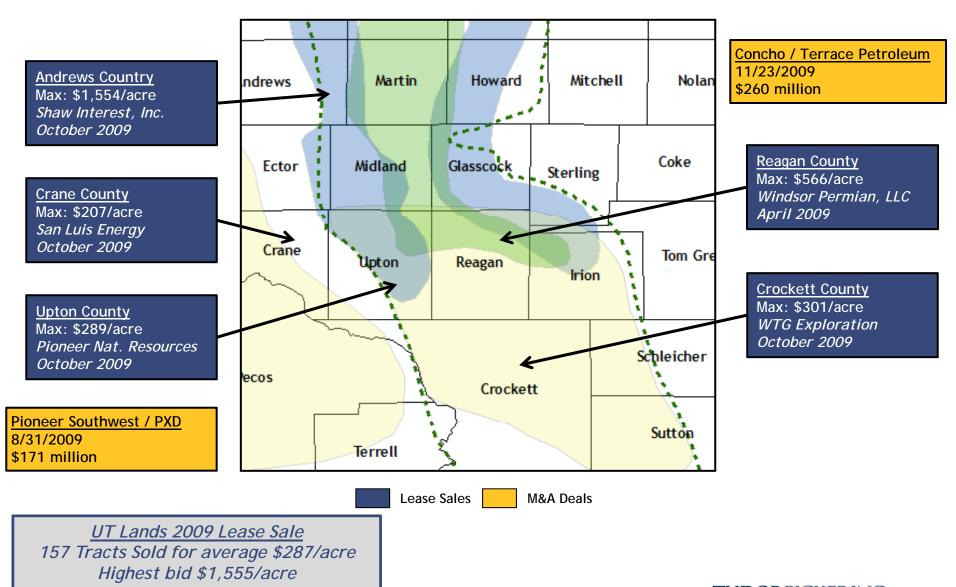
Wolfcamp and Bone Spring Production

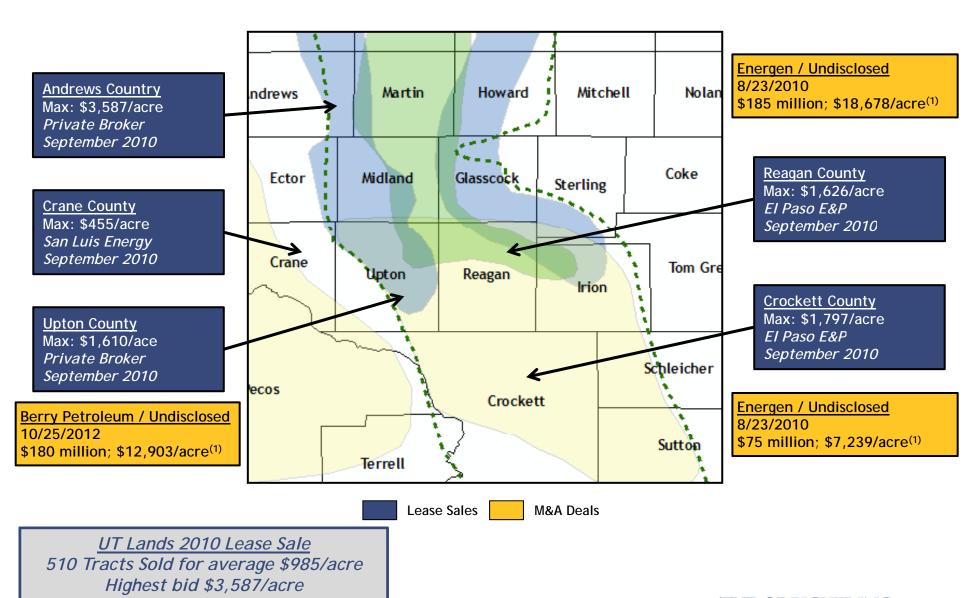




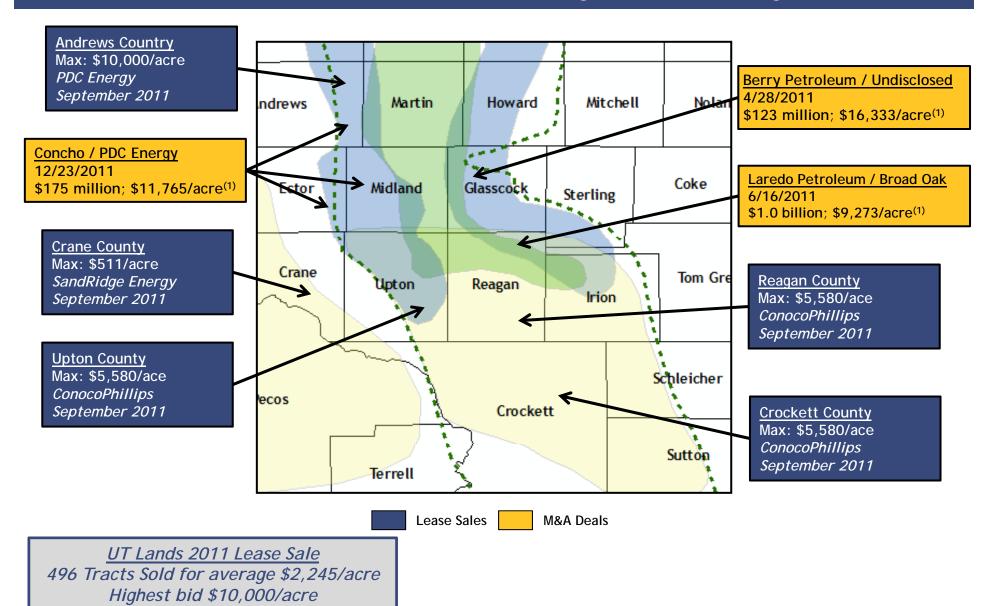
Midland University Lands Wolfcamp Results



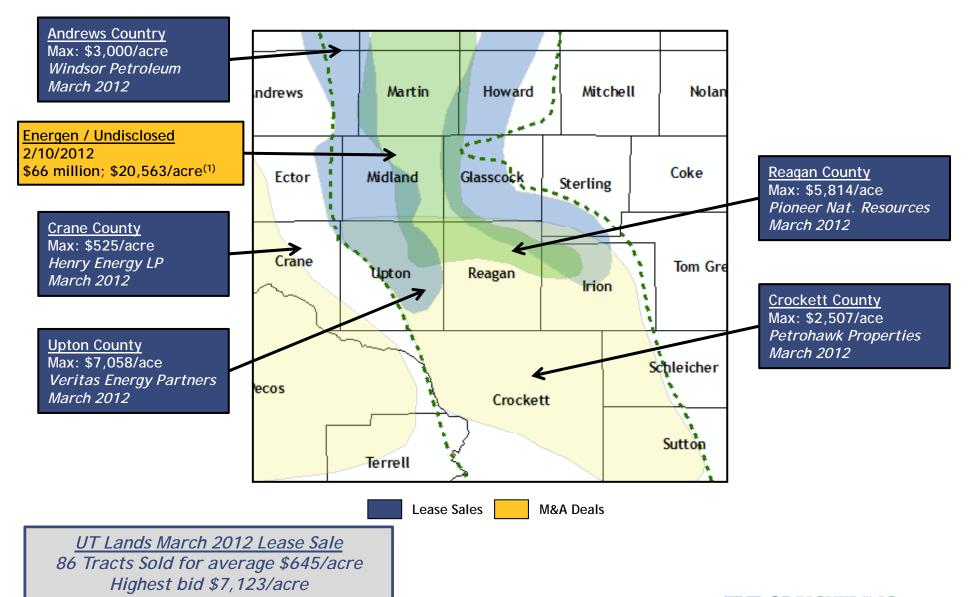




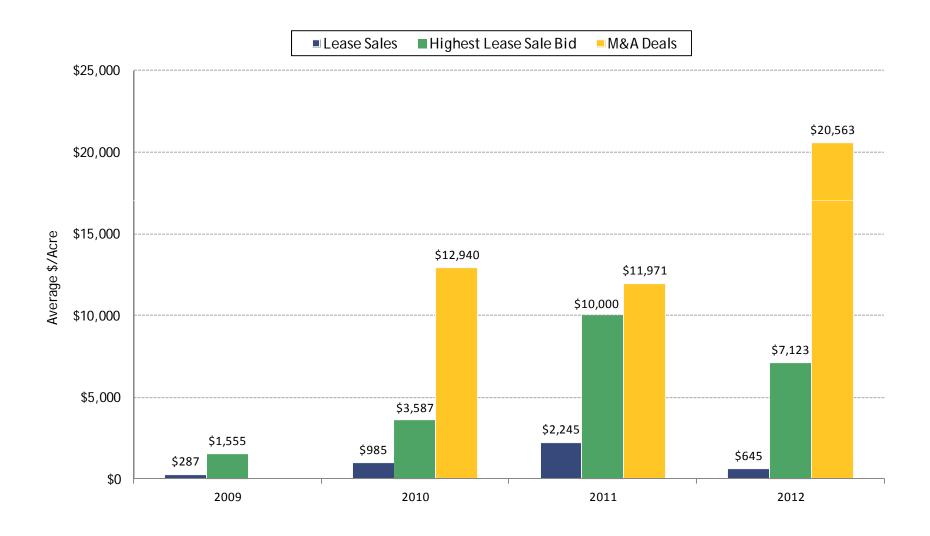




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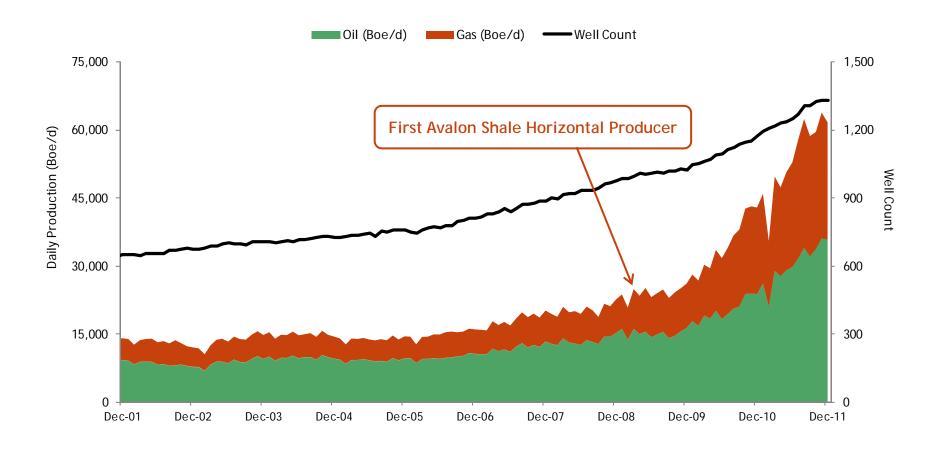


Wolfberry / Wolfcamp Acreage Now First In Class



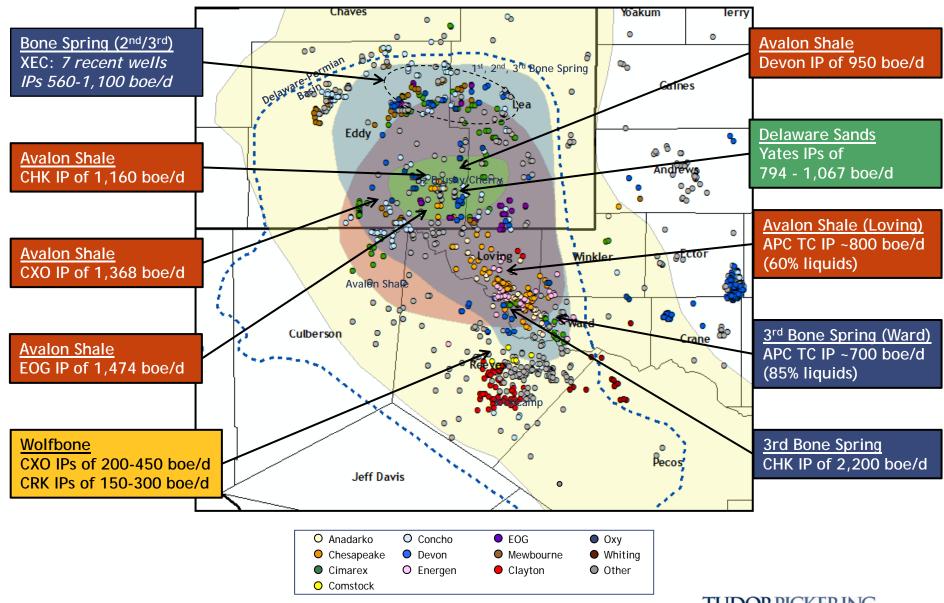


Avalon / Bone Spring Production Rapidly Increasing

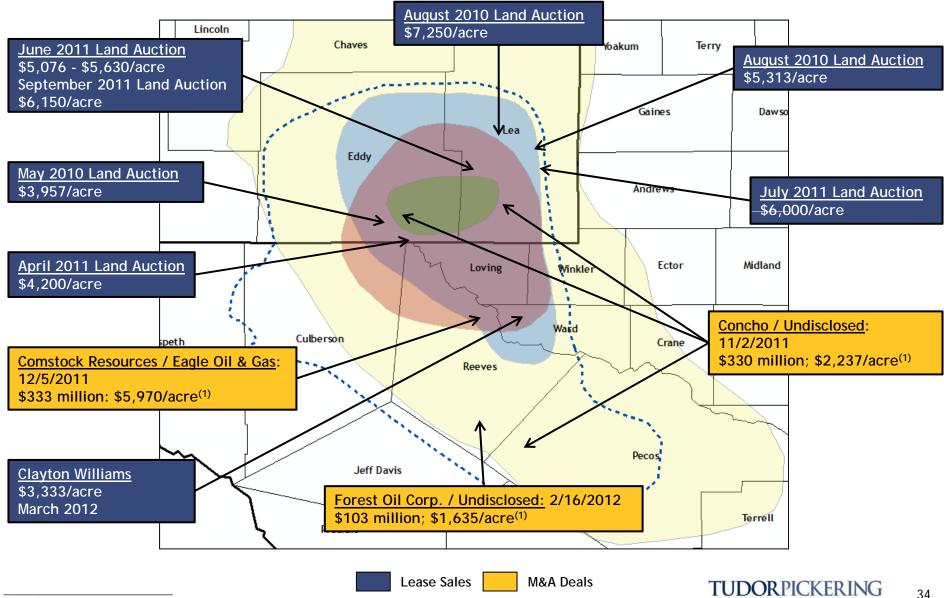




Recent Industry Results in the Delaware



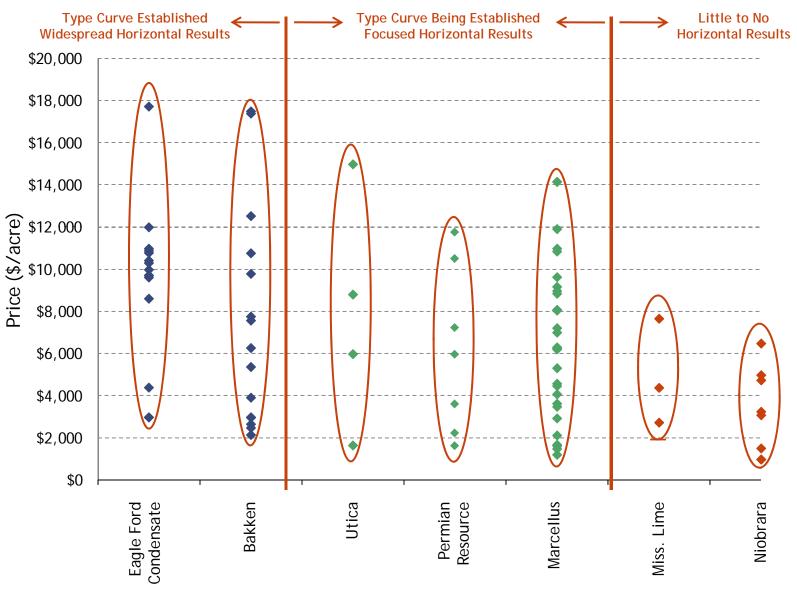
Recent Notable Delaware Basin Transactions



Conclusions



Metrics Should Increase With Drilling



Permian - Right Place at Right Time

- Oil prices to remain strong
- Liquids pricing strong enough
- Oil deals increasing
- Horizontal applications
- Vertical accessing new pay
- Scale running room
- Multiple targets
- Open for business

Bakken Themes - Now and In The Future

Major Themes and Catalysts as the Bakken Continues to Evolve

- 1) Completion Technology
- 2) Well Performance
- 3) Infill Drilling/Spacing
- 4) Three Forks
- 5) Deep Three Forks
- 6) Drilling Costs
- 7) Western Rough Rider



- 1) Continues to Advance
- 2) IPs Define Sweet Spots
- 3) Denser Over Time with Pad Drilling
- 4) Similar to Bakken and Contiguous
- 5) Emerging Value
- 6) Improve With Time
- 7) Core Extends West of the Nesson



About The Firm

Tudor, Pickering, Holt & Co., LLC is an integrated energy investment and merchant bank, providing high quality advice and services to institutional and corporate clients. Through the company's two broker-dealer units, Tudor, Pickering, Holt & Co. Securities, Inc. (TPHCSI) and Tudor, Pickering, Holt & Co. Advisors, LLC (TPHCA), the company offers securities and investment banking services to the energy community. TPH Asset Management, LLC (TPHAM) is an SEC registered investment adviser that delivers a suite of energy investment strategies. TPH Partners Management, LLC is an SEC exempt reporting advisor. Certain employees of TPHAM are also employees of TPHCSI.

The firm, headquartered in Houston, Texas, has approximately 130 employees and offices in Denver, Colorado; and in New York, New York. Its affiliate, Tudor, Pickering Holt & Co. International, LLP, is located in London, England.

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