



MONTHLY UPDATE

SEPTEMBER 2016 PRODUCTION & TRANSPORTATION

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MONTHLY UPDATE

SEPTEMBER 2016 PRODUCTION & TRANSPORTATION

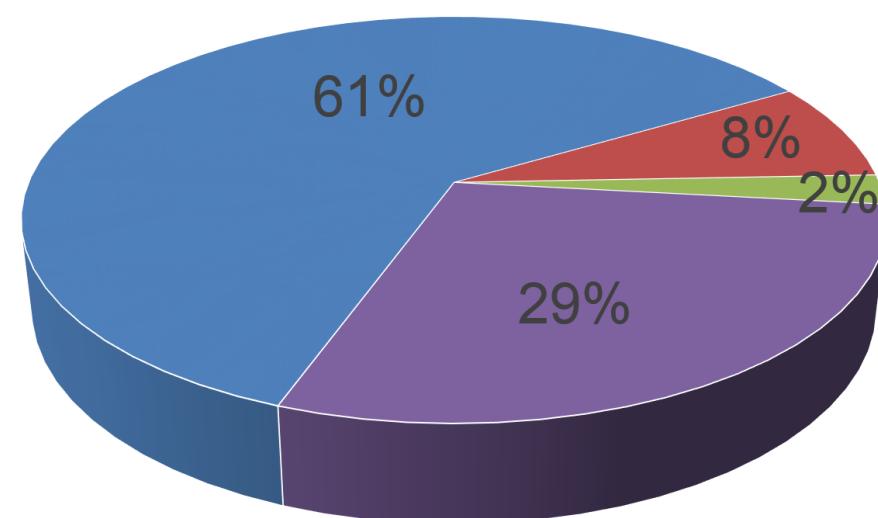
North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
Aug. 2016 - Final	30,442,347	982,011
Sep. 2016 - Prelim.	29,149,737	971,658

North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
Aug. 2016 - Final	50,851,988	1,640,387
Sep. 2016 - Prelim.	48,355,065	1,611,836

Estimated Williston Basin Oil Transportation, Sep. 2016



■ Pipeline Export

■ Truck to Canadian Pipelines

■ Refined

■ Estimated Rail

CURRENT DRILLING ACTIVITY:

NORTH DAKOTA¹

39 Rigs

EASTERN MONTANA²

0 Rigs

SOUTH DAKOTA²

0 Rigs

SOURCE (NOV 15, 2016):

1. ND Oil & Gas Division
2. Baker Hughes

PRICES:

Crude (WTI): \$45.75

Crude (Brent): \$46.94

NYMEX Gas: \$2.70

SOURCE: BLOOMBERG (NOVEMBER 15, 2016)

GAS STATS*

89% CAPTURED & SOLD

8% FLARED DUE TO CHALLENGES OR CONSTRAINTS ON EXISTING GATHERING SYSTEMS

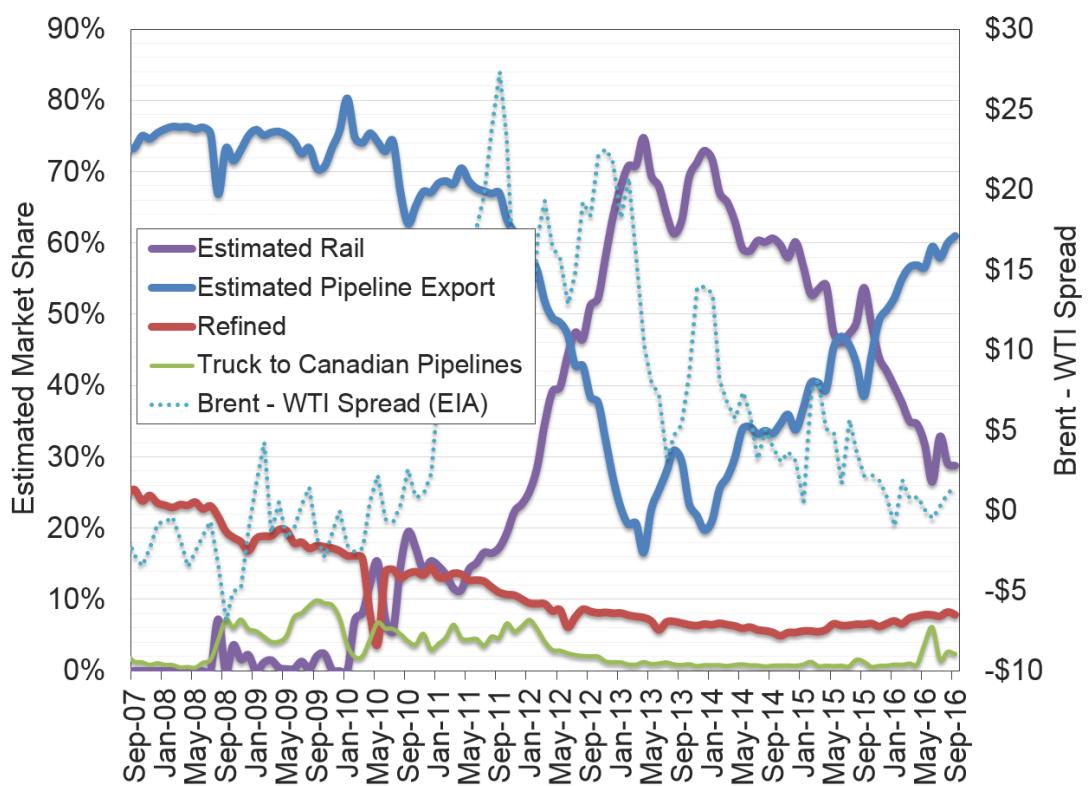
3% FLARED FROM WELL WITH ZERO SALES

*SEP 2016 NON-CONF DATA

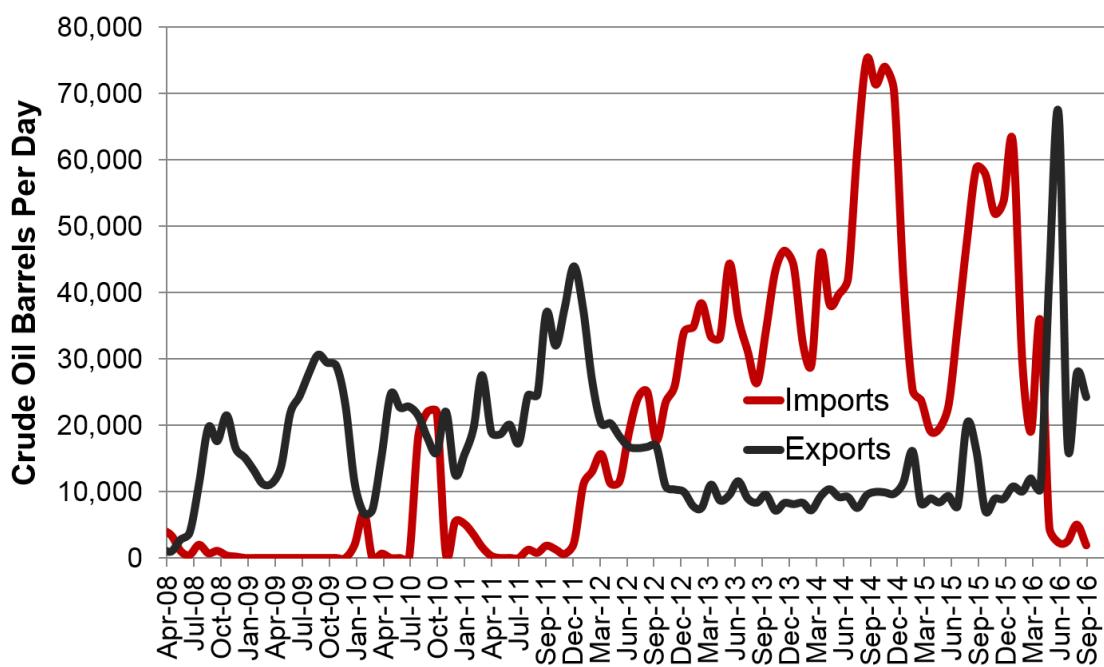
Estimated North Dakota Rail Export Volumes



Estimated Williston Basin Oil Transportation

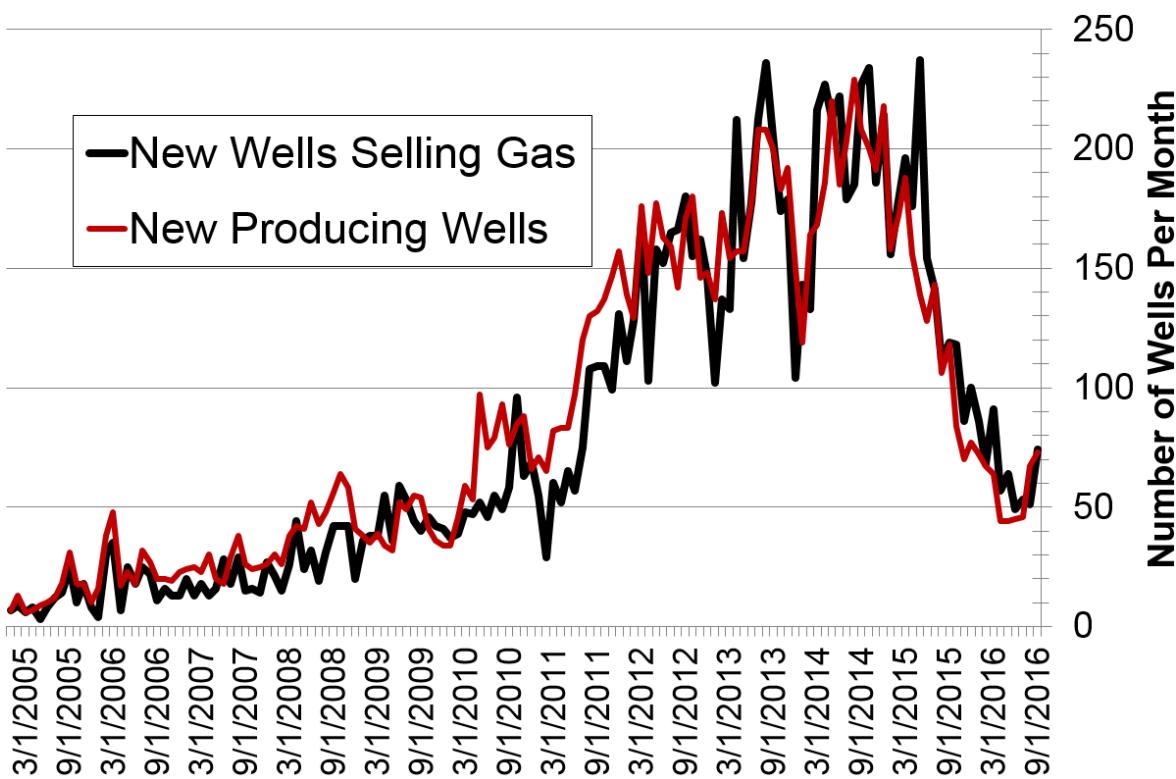


Williston Basin Truck Imports and Exports with Canada



Data for truck imports/exports chart is provided by the US International Trade Commission

New Gas Sales Wells per Month



US Williston Basin Oil Production, BOPD

2015

MONTH	ND	EASTERN MT*	SD	TOTAL
January	1,191,581	77,484	5,108	1,274,173
February	1,178,502	79,915	5,051	1,263,468
March	1,191,503	78,585	4,832	1,274,919
April	1,170,212	76,060	4,860	1,251,132
May	1,202,983	74,876	4,567	1,282,426
June	1,211,656	72,322	4,403	1,288,381
July	1,207,466	70,962	4,477	1,282,905
August	1,187,833	69,628	4,454	1,261,915
September	1,162,332	68,645	4,356	1,235,333
October	1,172,832	67,378	4,284	1,244,494
November	1,181,787	66,883	4,268	1,252,938
December	1,152,280	65,853	4,154	1,222,287

2016

MONTH	ND	EASTERN MT*	SD	TOTAL
January	1,121,663	63,364	4,148	1,189,175
February	1,119,565	62,710	4,067	1,186,342
March	1,111,705	61,481	3,948	1,177,134
April	1,042,008	59,966	3,846	1,105,820
May	1,046,975	59,200	3,971	1,110,146
June	1,027,189	58,304	3,859	1,089,352
July	1,029,734	56,107	3,803	1,089,643
August	982,011	55,334	3,818	1,041,163
September	971,658		3,764	
October				
November				
December				

* Eastern Montana production composed of the following Counties: Carter, Daniels, Dawson, Fallon, McCone, Powder River, Prairie, Richland, Roosevelt, Sheridan, Valley, Wibaux