



MONTHLY UPDATE

NOVEMBER 2016 PRODUCTION & TRANSPORTATION

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MONTHLY UPDATE

NOVEMBER 2016 PRODUCTION & TRANSPORTATION

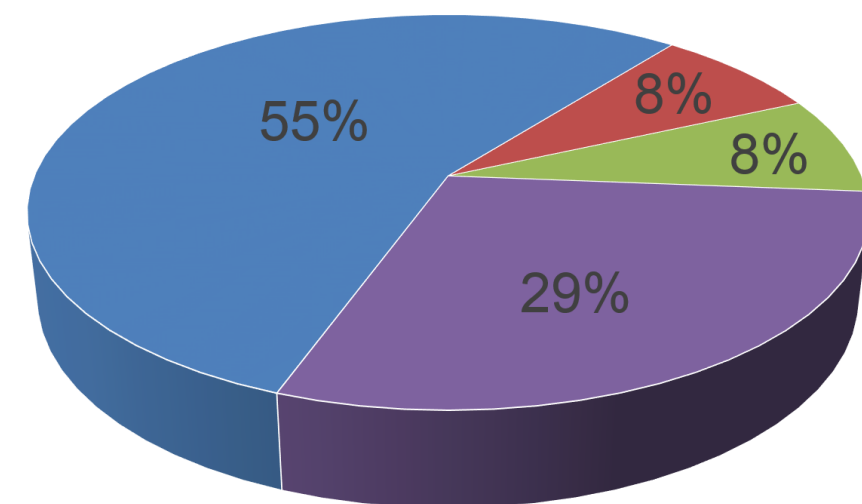
North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
Oct. 2016 - Final	32,342,852	1,043,318
Nov. 2016 - Prelim.	31,010,803	1,033,693

North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
Oct. 2016 - Final	53,250,663	1,717,763
Nov. 2016 - Prelim.	52,934,833	1,764,494

Estimated Williston Basin Oil Transportation, Nov. 2016



■ Pipeline Export ■ Refined
■ Truck to Canadian Pipelines ■ Estimated Rail

CURRENT DRILLING ACTIVITY:

NORTH DAKOTA¹

36 Rigs

EASTERN MONTANA²

0 Rigs

SOUTH DAKOTA²

0 Rigs

SOURCE (JAN 13, 2016):

1. ND Oil & Gas Division
2. Baker Hughes

PRICES:

Crude (WTI): \$52.63

Crude (Brent): \$55.70

NYMEX Gas: \$3.42

SOURCE: BLOOMBERG
(JANUARY 13, 2016)

GAS STATS*

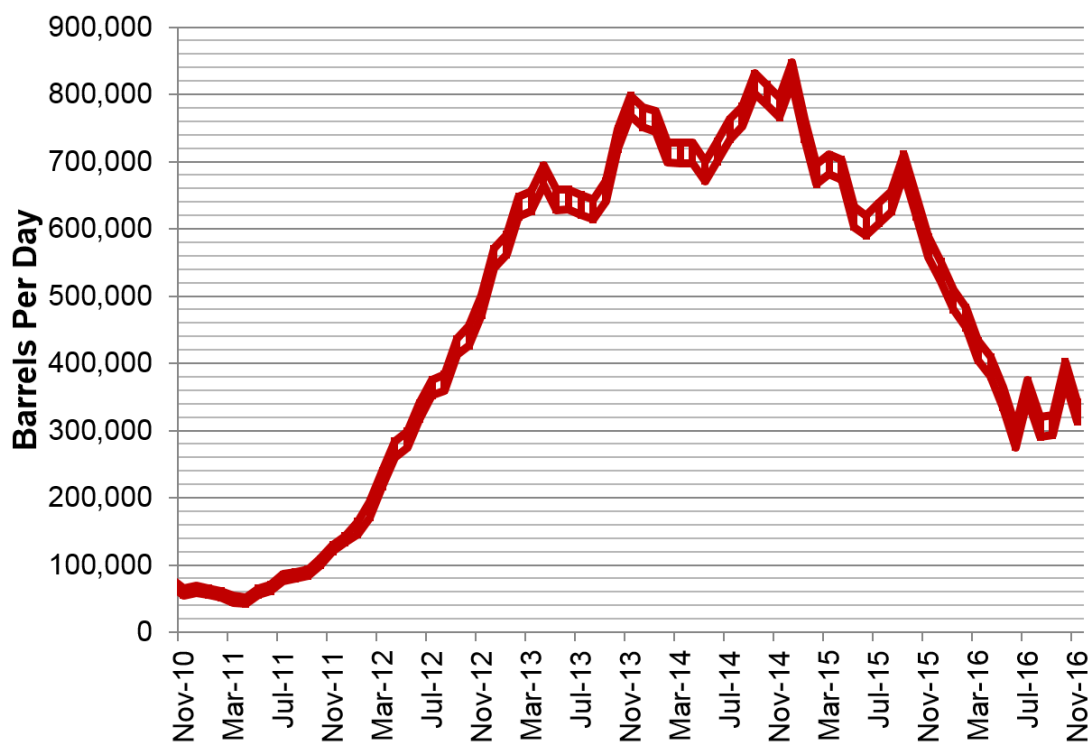
90% CAPTURED & SOLD

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

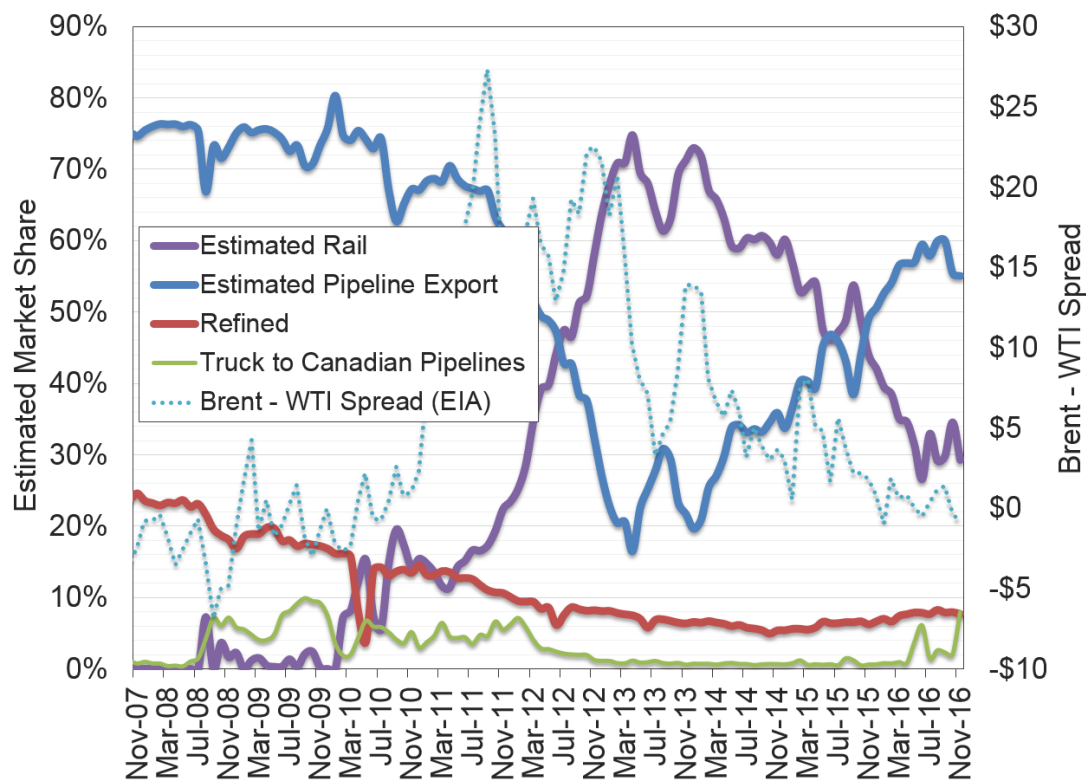
2% FLARED FROM WELL
WITH ZERO SALES

*NOV 2016 NON-CONF DATA

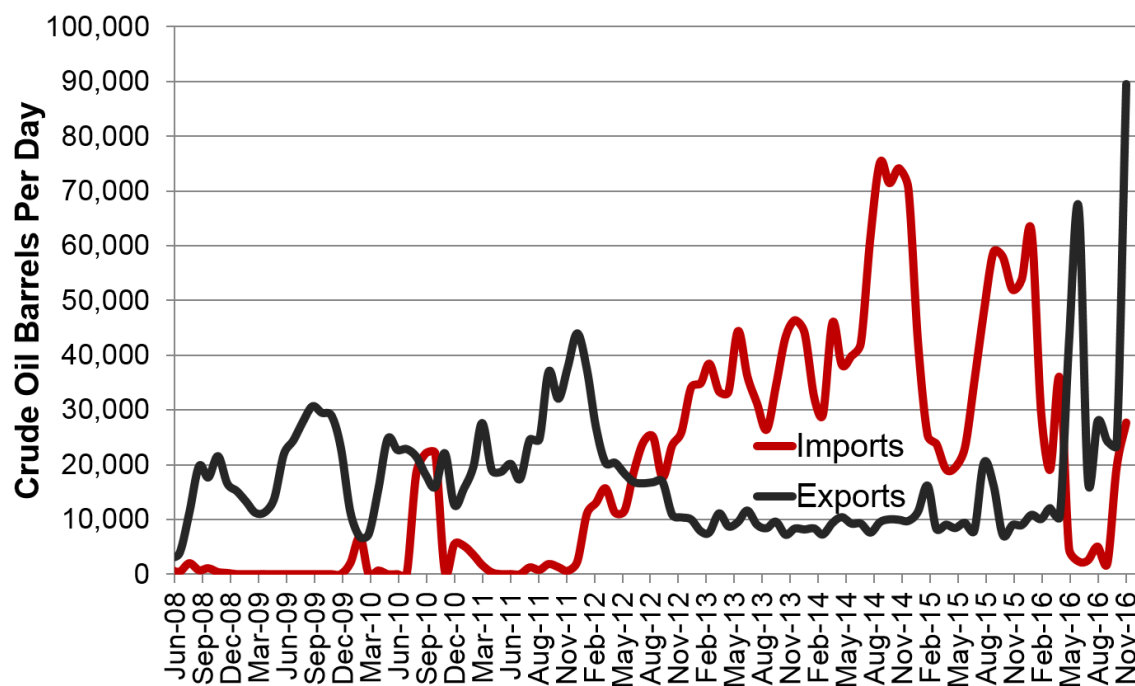
Estimated North Dakota Rail Export Volumes



Estimated Williston Basin Oil Transportation

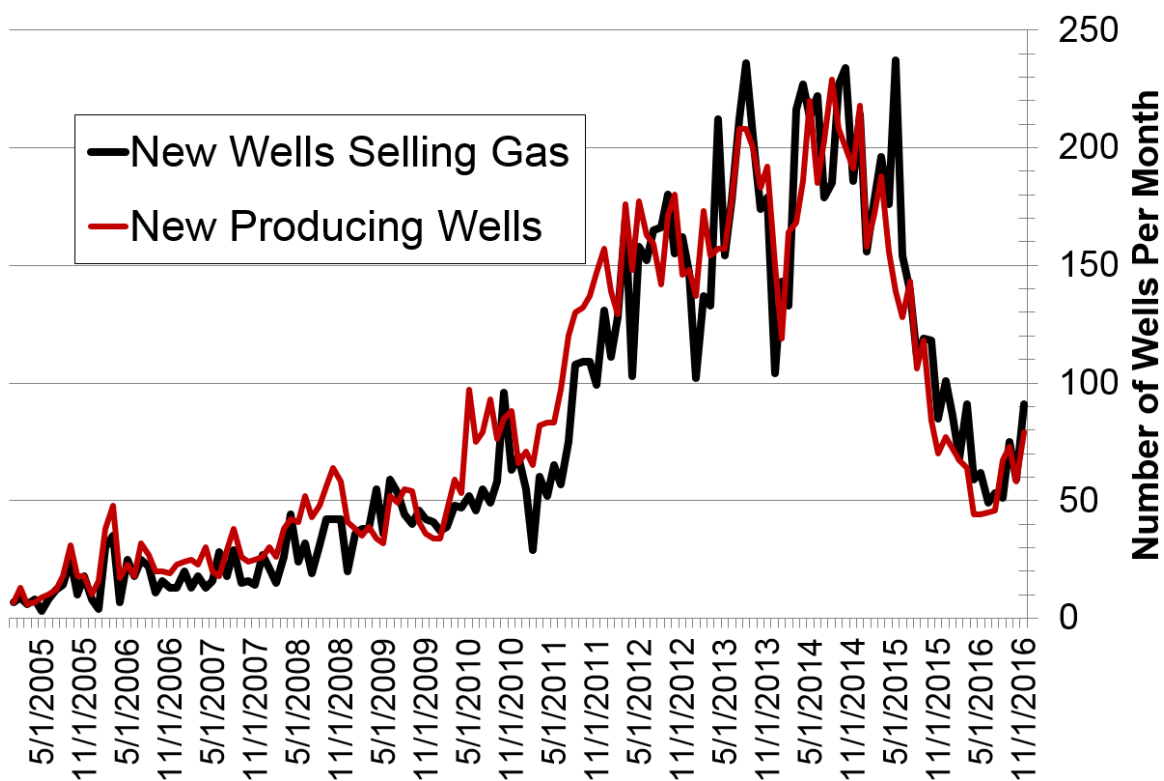


Williston Basin Truck Imports and Exports with Canada



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	1,121,623	63,364	4,148	1,189,135
February	1,119,584	62,710	4,067	1,186,361
March	1,111,721	61,481	3,948	1,177,150
April	1,042,012	59,966	3,846	1,105,824
May	1,046,977	59,273	3,971	1,110,221
June	1,027,230	58,416	3,859	1,089,505
July	1,029,751	56,776	3,803	1,090,330
August	982,017	55,609	3,818	1,041,444
September	971,760	55,127	3,764	1,030,651
October	1,043,318	54,367	3,631	1,101,316
November	1,033,693			
December				

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