



MONTHLY UPDATE

SEPTEMBER 2017 PRODUCTION & TRANSPORTATION

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MONTHLY UPDATE

SEPTEMBER 2017 PRODUCTION & TRANSPORTATION

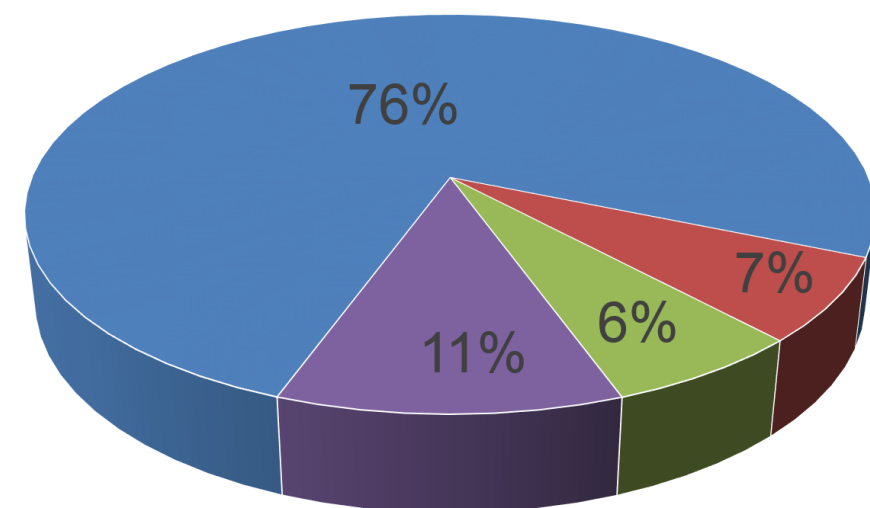
North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
Aug 2017 - Final	33,768,855	1,089,318
Sep 2017 - Prelim.	33,213,127	1,107,104

North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
Aug 2017 - Final	60,445,828	1,949,865
Sep 2017 - Prelim.	58,282,197	1,942,740

Estimated Williston Basin Oil Transportation, Sep. 2017



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

CURRENT DRILLING ACTIVITY:

NORTH DAKOTA¹

55 Rigs

EASTERN MONTANA²

1 Rigs

SOUTH DAKOTA²

0 Rigs

SOURCE (NOV. 15, 2017):

1. ND Oil & Gas Division
2. Baker Hughes

PRICES:

Crude (WTI): \$55.39

Crude (Brent): \$61.99

NYMEX Gas: \$3.07

**SOURCE: BLOOMBERG
(NOVEMBER 15, 2017)**

GAS STATS*

84% CAPTURED & SOLD

13% FLARED DUE TO
CHALLENGES OR
CONSTRAINTS ON EXISTING
GATHERING SYSTEMS

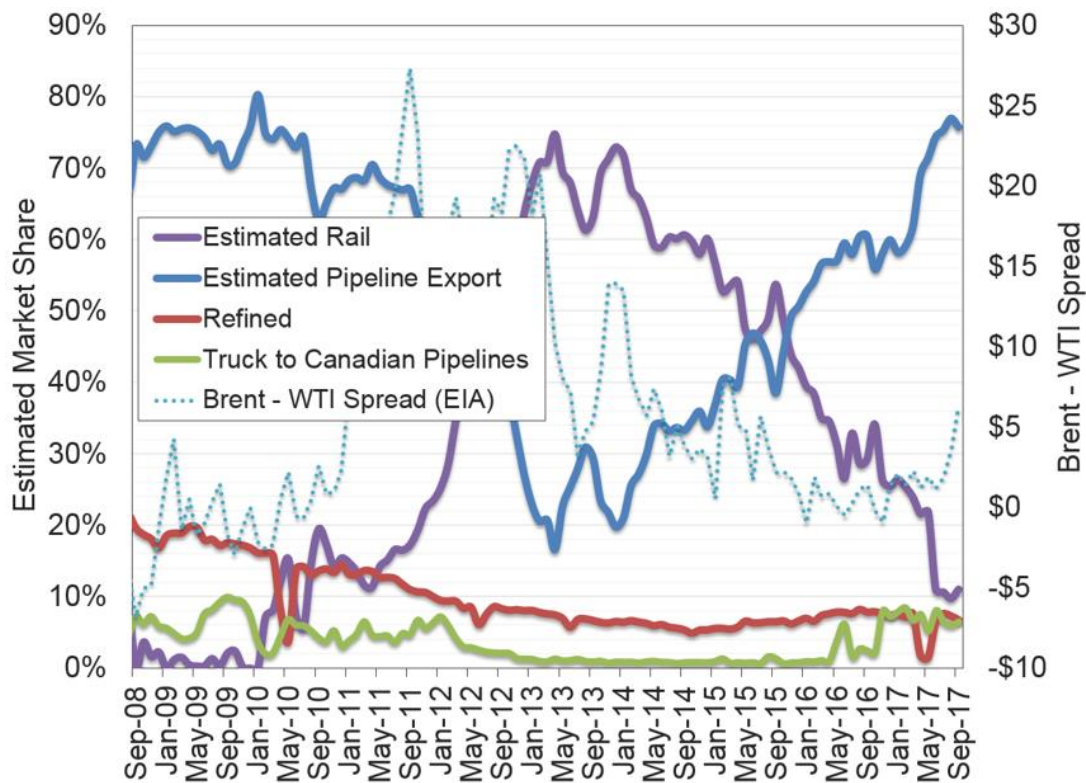
3% FLARED FROM WELL
WITH ZERO SALES

*SEP. 2017 NON-CONF DATA

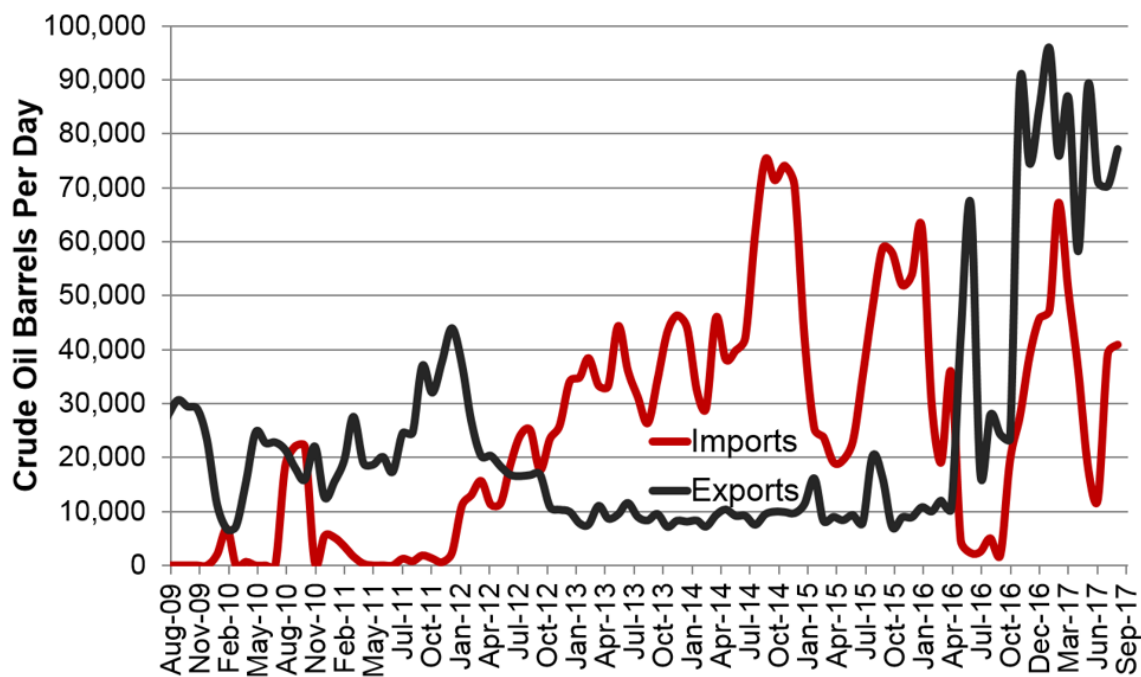
Estimated North Dakota Rail Export Volumes



Estimated Williston Basin Oil Transportation

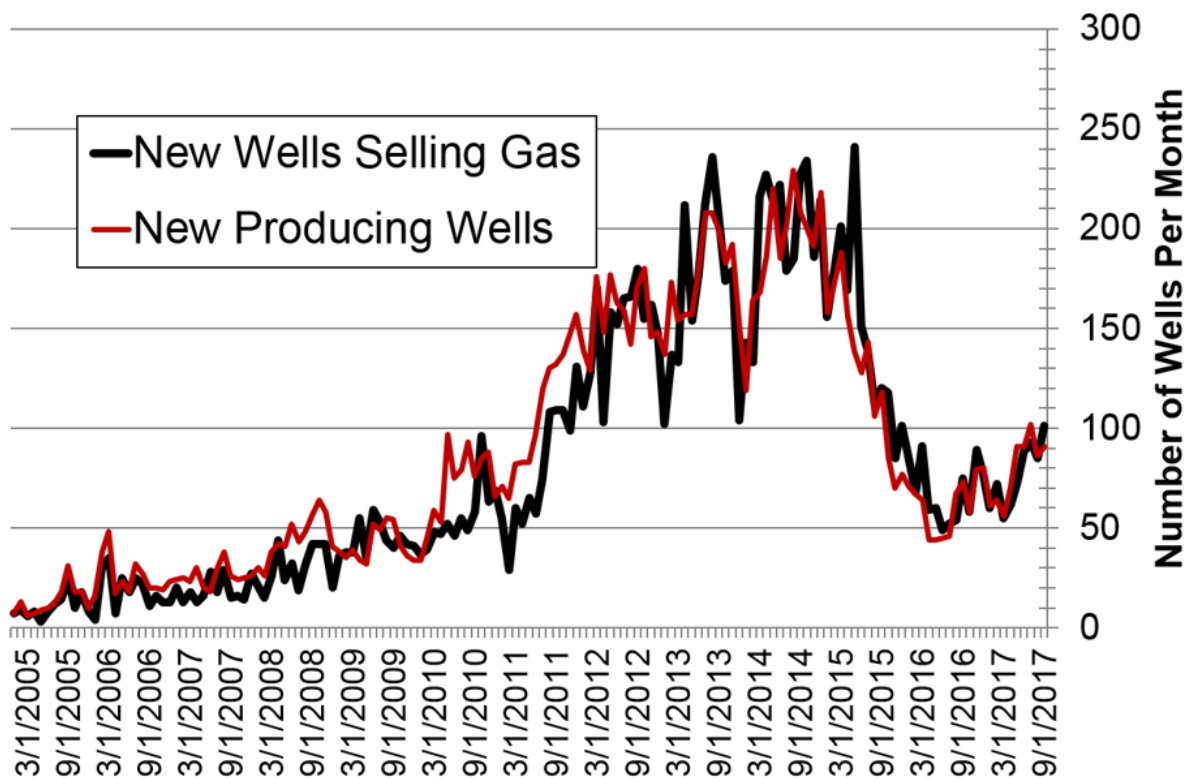


Williston Basin Truck Imports and Exports with Canada



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

2016

MONTH	ND	EASTERN MT*	SD	TOTAL
January	1,121,630	63,321	4,148	1,189,098
February	1,119,574	62,710	4,072	1,186,356
March	1,111,716	61,385	3,948	1,177,049
April	1,042,025	59,909	3,846	1,105,779
May	1,046,989	59,214	3,971	1,110,174
June	1,027,230	58,381	3,859	1,089,470
July	1,029,322	56,820	3,803	1,089,945
August	981,239	55,796	3,818	1,040,853
September	971,141	55,712	3,764	1,030,617
October	1,042,790	56,097	3,654	1,102,541
November	1,034,484	56,322	3,770	1,094,576
December	942,461	52,684	3,478	998,623

2017

MONTH	ND	EASTERN MT*	SD	TOTAL
January	983,880	52,727	3,553	1,040,160
February	1,034,092	53,959	3,718	1,091,769
March	1,025,883	52,901	3,705	1,082,488
April	1,050,834	52,440	3,768	1,107,042
May	1,040,983	52,920	3,389	1,097,292
June	1,032,927	52,644	3,563	1,089,134
July	1,048,099	49,898	3,529	1,101,526
August	1,089,318	49,008	3,565	1,141,891
September	1,107,104			
October				
November				
December				

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