



MONTHLY UPDATE

OCTOBER 2017 PRODUCTION & TRANSPORTATION

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MONTHLY UPDATE

OCTOBER 2017 PRODUCTION & TRANSPORTATION

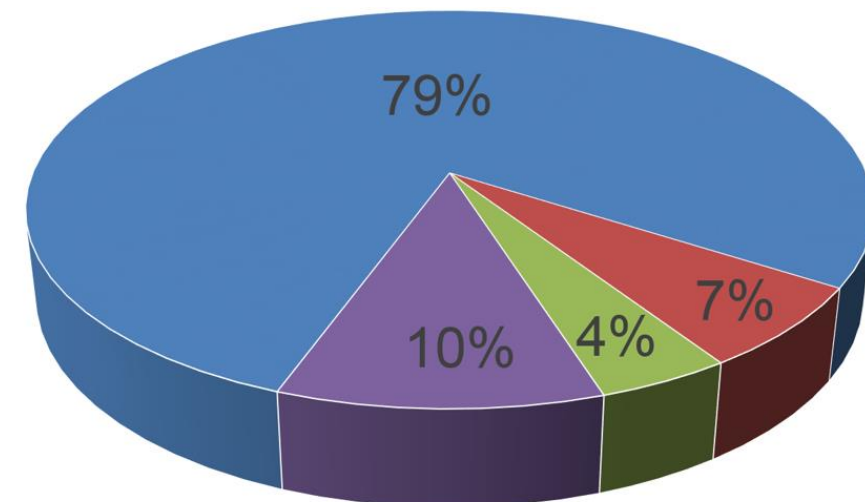
North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
Sep 2017 - Final	33,220,344	1,107,345
Oct 2017 - Prelim.	36,750,474	1,185,499

North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
Sep 2017 - Final	58,350,512	1,945,017
Oct 2017 - Prelim.	63,918,772	2,061,896

Estimated Williston Basin Oil Transportation, Oct. 2017



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

CURRENT DRILLING ACTIVITY:

NORTH DAKOTA¹

53 Rigs

EASTERN MONTANA²

1 Rigs

SOUTH DAKOTA²

0 Rigs

SOURCE (DEC. 15, 2017):

1. ND Oil & Gas Division
2. Baker Hughes

PRICES:

Crude (WTI): \$57.35

Crude (Brent): \$63.29

NYMEX Gas: \$2.59

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

GAS STATS*

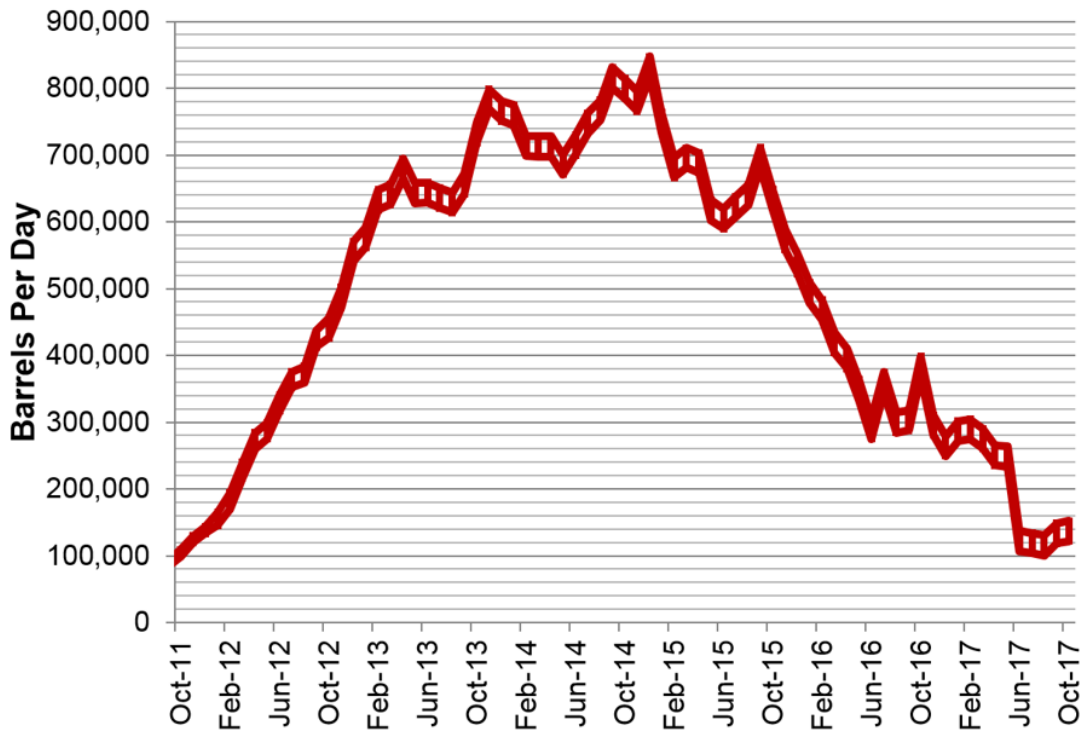
85% CAPTURED & SOLD

12% FLARED DUE TO
CHALLENGES OR
CONSTRAINTS ON EXISTING
GATHERING SYSTEMS

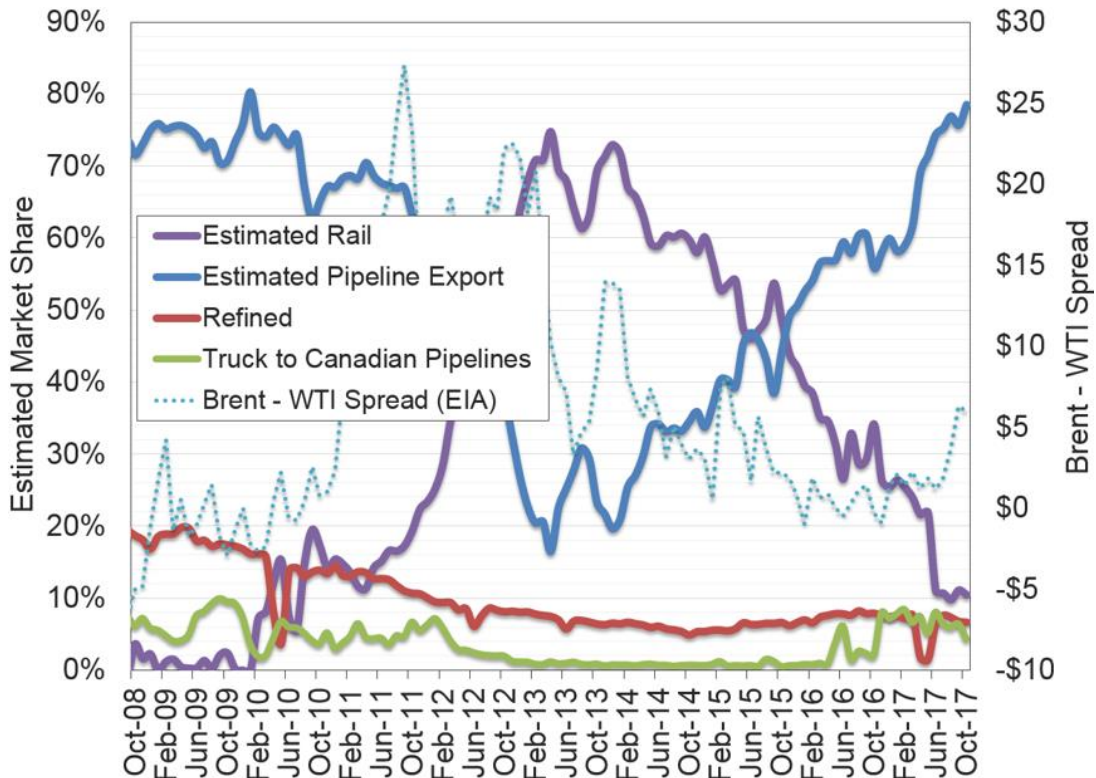
3% FLARED FROM WELL
WITH ZERO SALES

*OCT. 2017 NON-CONF DATA

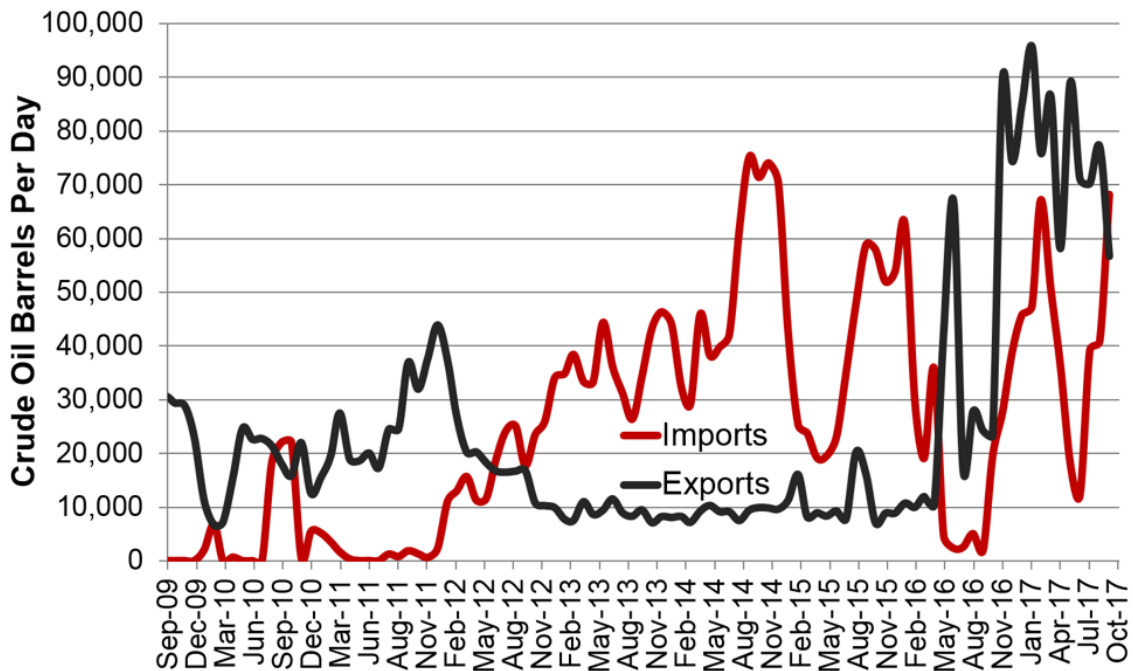
Estimated North Dakota Rail Export Volumes



Estimated Williston Basin Oil Transportation

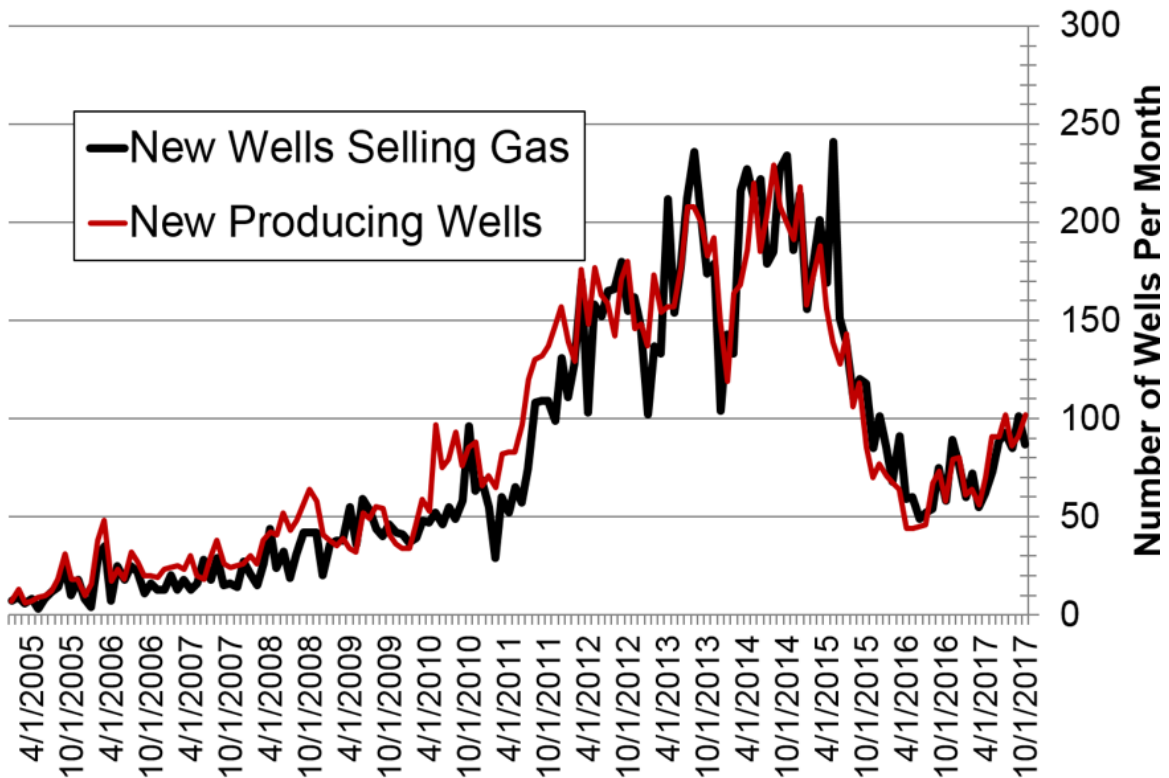


Williston Basin Truck Imports and Exports with Canada



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	983,886	52,727	3,553	1,040,166
February	1,034,122	53,959	3,718	1,091,799
March	1,025,926	52,901	3,705	1,082,531
April	1,050,890	52,504	3,768	1,107,162
May	1,040,666	52,969	3,389	1,097,024
June	1,032,920	52,906	3,563	1,089,389
July	1,048,556	49,972	3,529	1,102,057
August	1,089,317	49,216	3,565	1,142,098
September	1,107,345	49,670	3,568	1,160,583
October	1,185,499			
November				
December				

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