



MONTHLY UPDATE

AUGUST 2017 PRODUCTION & TRANSPORTATION

Published: October 10, 2017

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MONTHLY UPDATE

AUGUST 2017 PRODUCTION & TRANSPORTATION

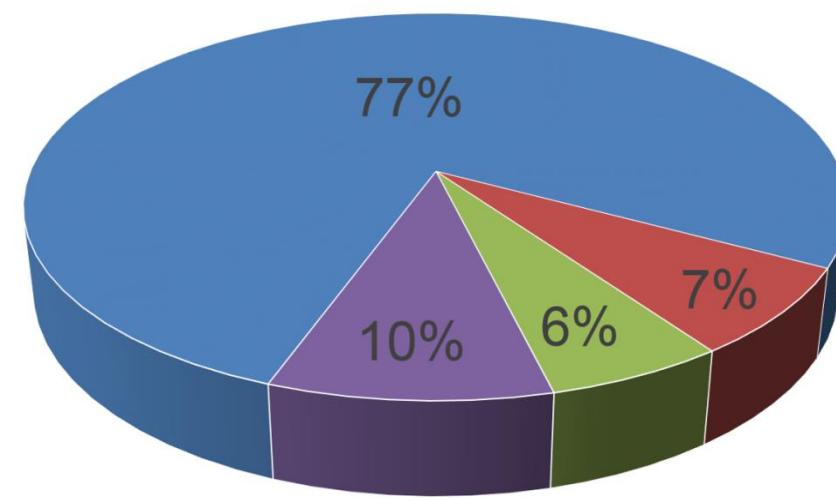
North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
July 2017 - Final	32,491,069	1,048,099
Aug 2017 - Prelim.	33,625,401	1,084,690

North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
July 2017 - Final	58,779,995	1,896,129
Aug 2017 - Prelim.	60,240,375	1,943,238

Estimated Williston Basin Oil Transportation, Aug. 2017



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

CURRENT DRILLING ACTIVITY:

NORTH DAKOTA¹

57 Rigs

EASTERN MONTANA²

0 Rigs

SOUTH DAKOTA²

0 Rigs

SOURCE (OCT. 10, 2017):

1. ND Oil & Gas Division
2. Baker Hughes

PRICES:

Crude (WTI): \$51.02

Crude (Brent): \$56.88

NYMEX Gas: \$2.89

SOURCE: BLOOMBERG (OCTOBER 10, 2017)

GAS STATS*

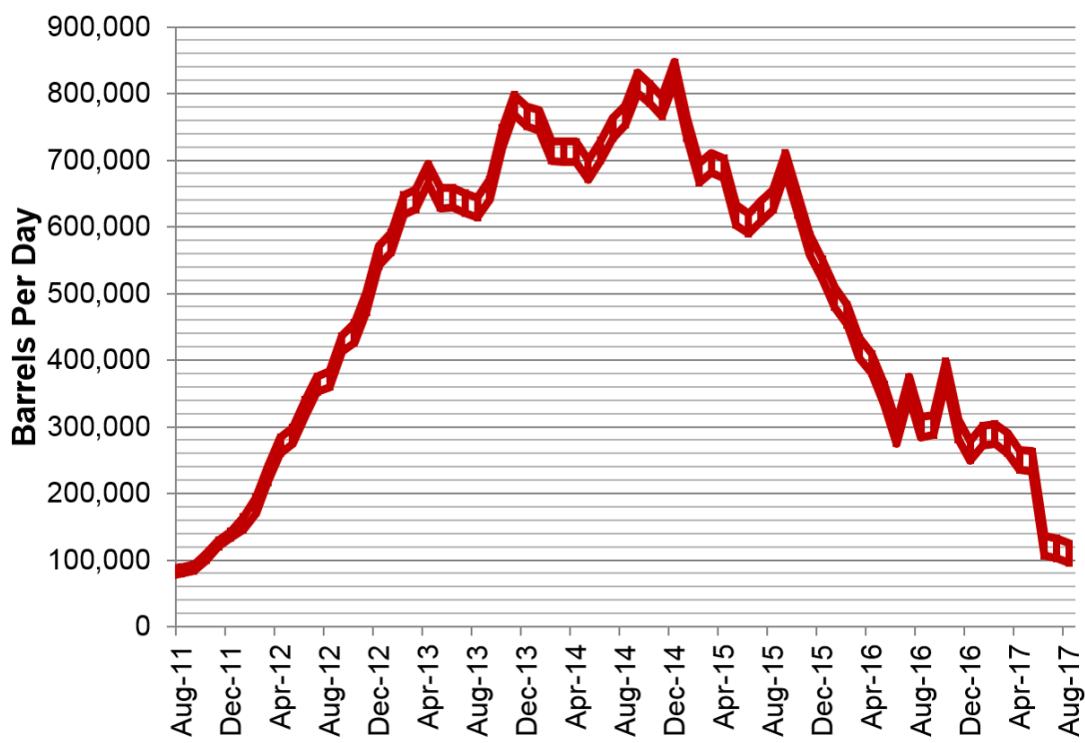
87% CAPTURED & SOLD

10% FLARED DUE TO CHALLENGES OR CONSTRAINTS ON EXISTING GATHERING SYSTEMS

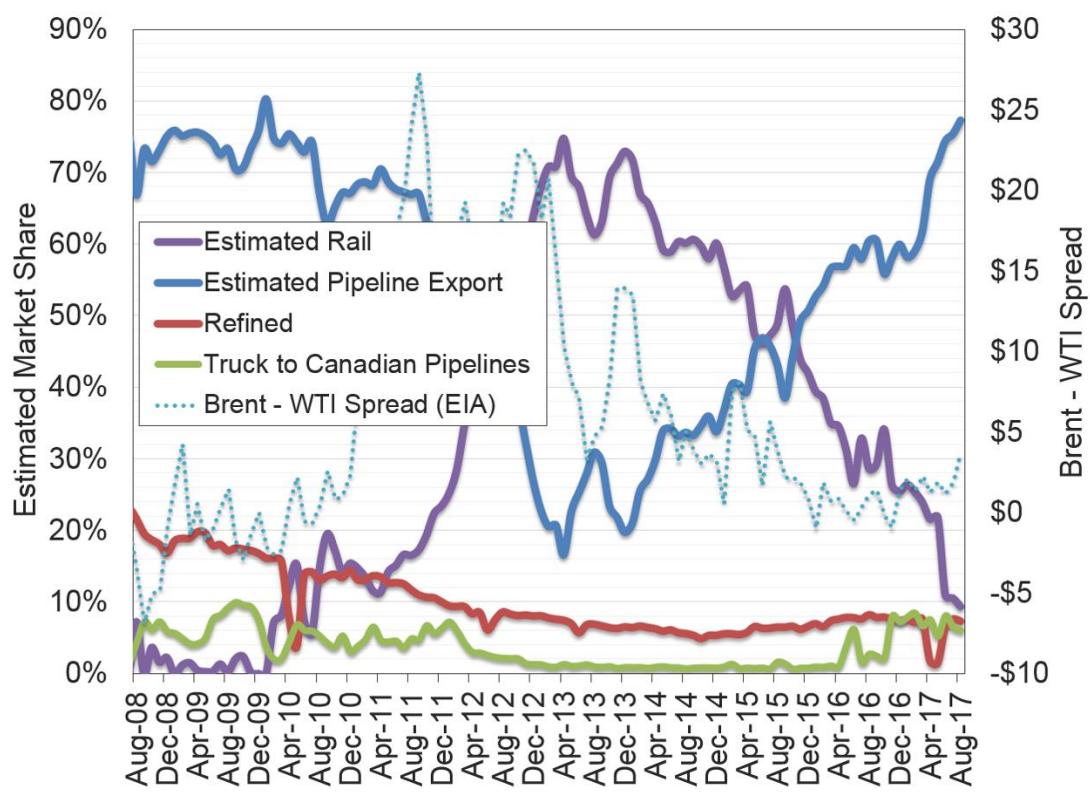
3% FLARED FROM WELL WITH ZERO SALES

*AUG. 2017 NON-CONF DATA

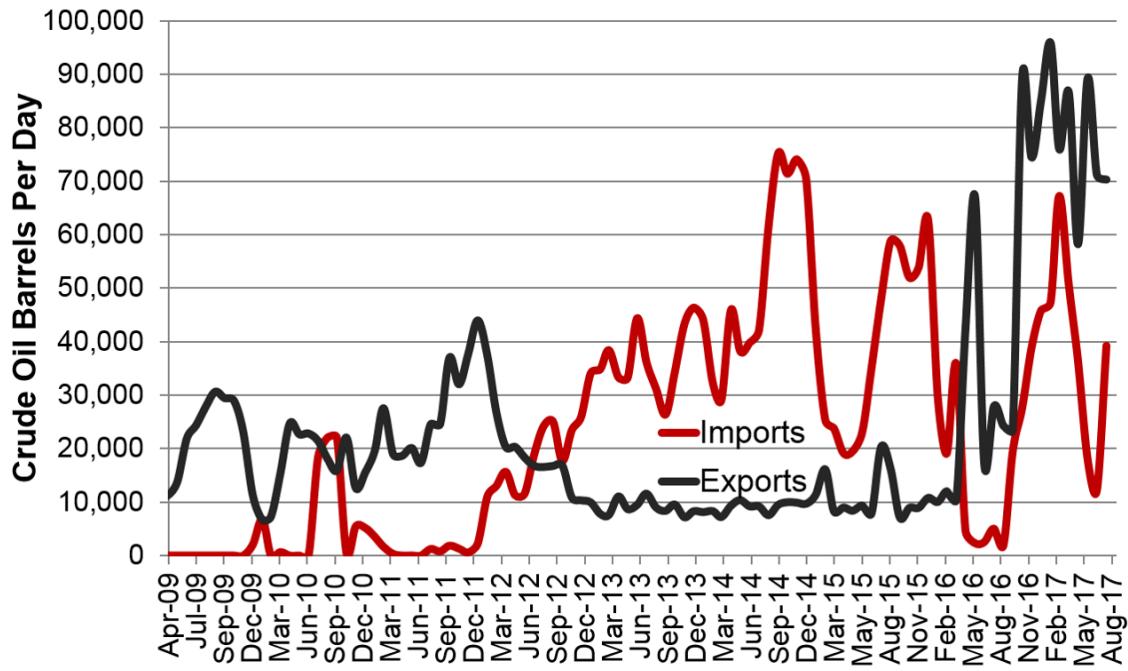
Estimated North Dakota Rail Export Volumes



Estimated Williston Basin Oil Transportation

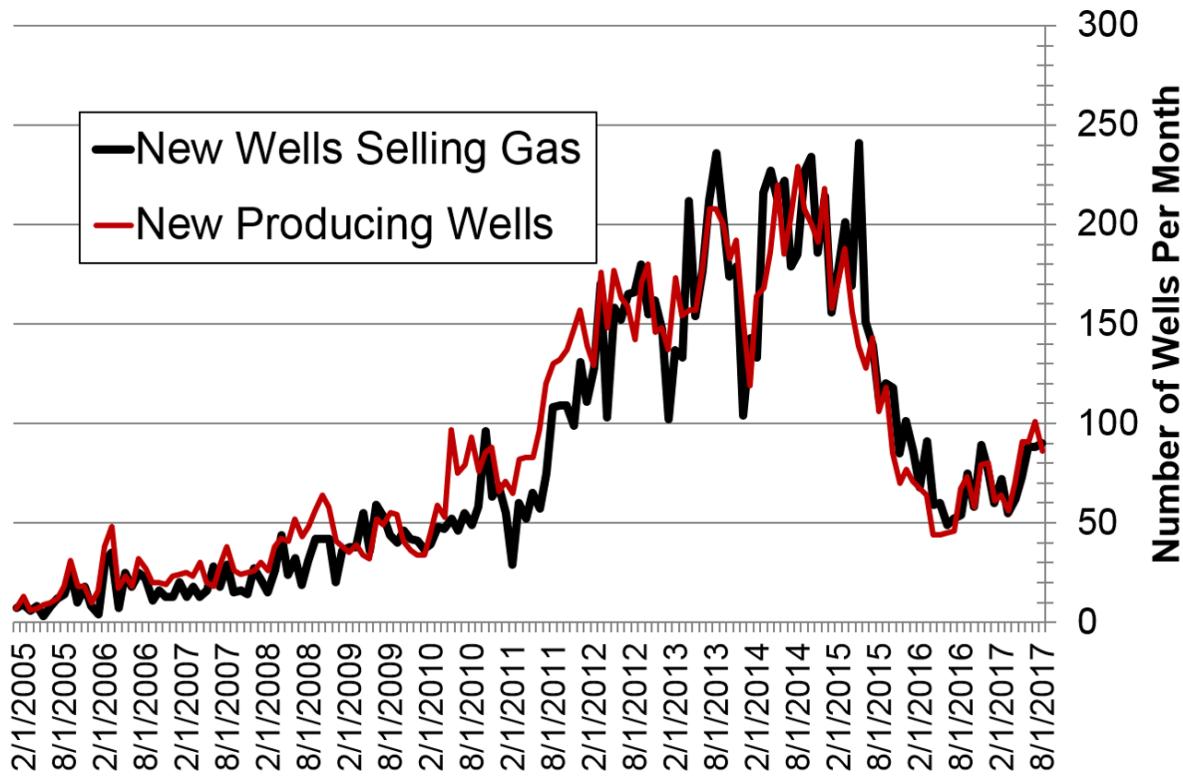


Williston Basin Truck Imports and Exports with Canada



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	983,820	52,726	3,553	1,040,099
February	1,034,005	53,959	3,718	1,091,682
March	1,025,786	52,834	3,705	1,082,325
April	1,050,777	52,296	3,768	1,106,841
May	1,041,008	52,733	3,389	1,097,130
June	1,032,873	52,361	3,563	1,088,797
July	1,048,099	48,622	3,529	1,100,250
August	1,084,690			
September				
October				
November				
December				

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