



MONTHLY UPDATE

OCTOBER 2018 PRODUCTION & TRANSPORTATION

Published: December 14, 2018

Justin J. Kringstad, Director

North Dakota Pipeline Authority

Office: 701.220.6227

www.northdakotapipelines.com

MONTHLY UPDATE

OCTOBER 2018 PRODUCTION & TRANSPORTATION

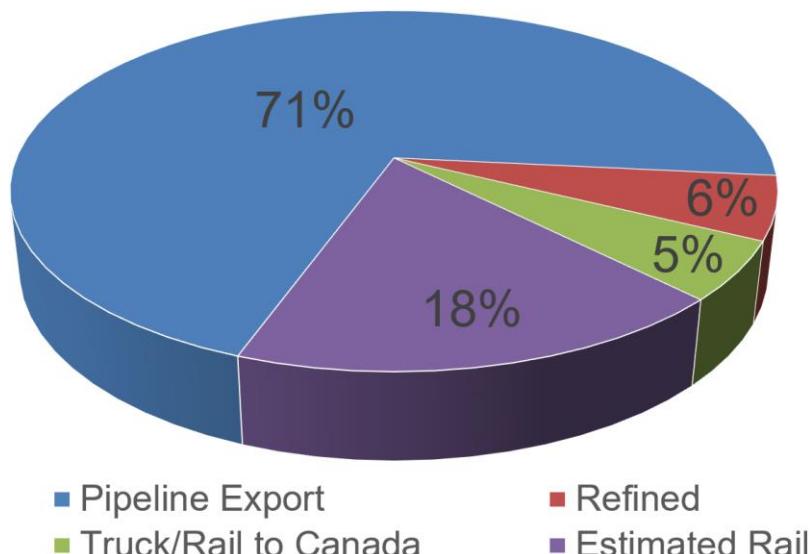
North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
Sep. 2018 - Final	40,778,467	1,359,282
Oct. 2018 - Prelim.	43,148,176	1,391,877

North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
Sep. 2018 - Final	75,823,021	2,527,434
Oct. 2018 - Prelim.	79,436,413	2,562,465

Estimated Williston Basin Oil Transportation, Oct. 2018



CURRENT DRILLING ACTIVITY:

NORTH DAKOTA¹

67 Rigs

EASTERN MONTANA²

4 Rigs

SOUTH DAKOTA²

0 Rigs

SOURCE (DEC 14, 2018):

1. ND Oil & Gas Division
2. Baker Hughes

PRICES:

Crude (WTI): \$51.11

Crude (Brent): \$60.14

NYMEX Gas: \$3.90

SOURCE: BLOOMBERG (DECEMBER 14, 2018)

GAS STATS*

80% CAPTURED & SOLD

16% FLARED DUE TO CHALLENGES OR CONSTRAINTS ON EXISTING GATHERING SYSTEMS

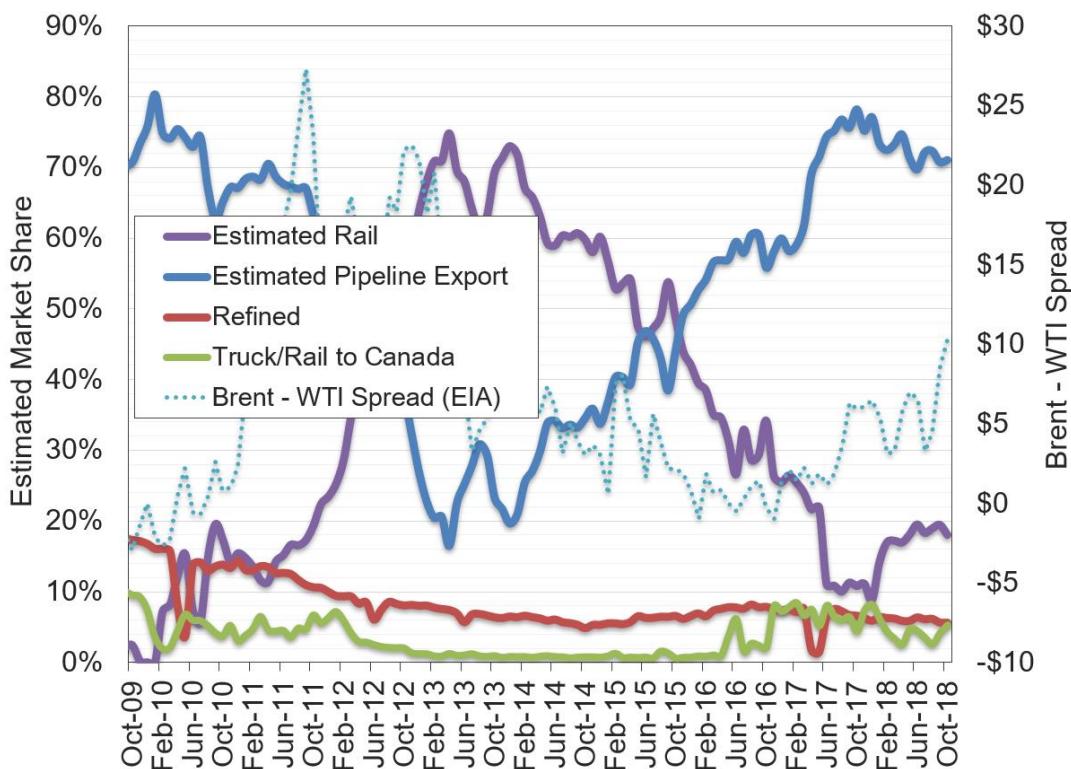
4% FLARED FROM WELL WITH ZERO SALES

*OCT. 2018 NON-CONF DATA

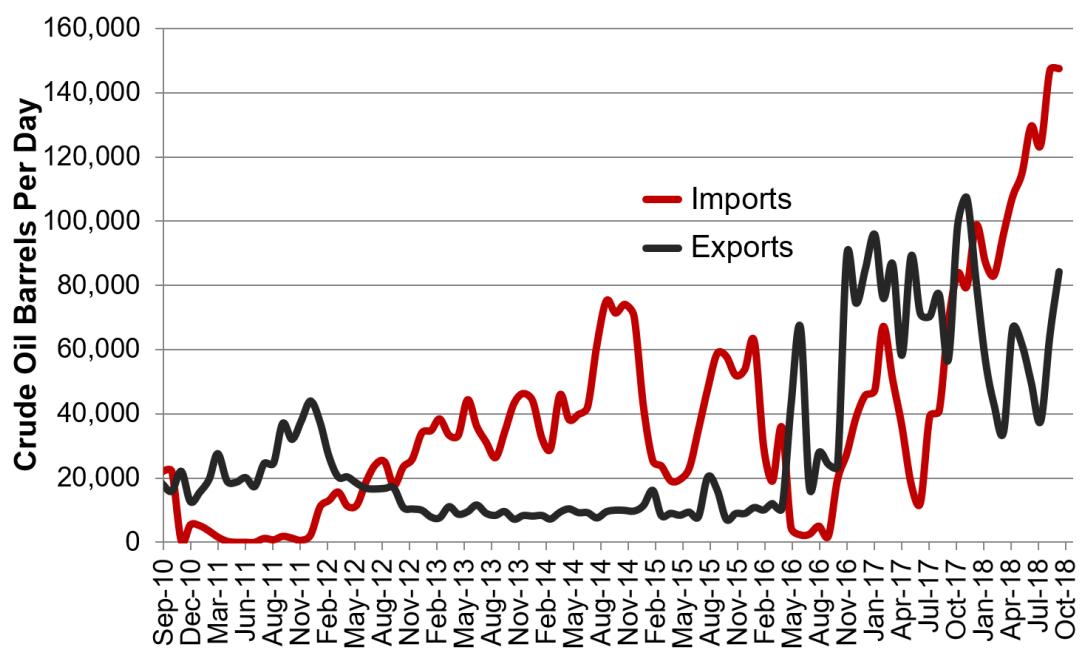
Estimated North Dakota Rail Export Volumes



Estimated Williston Basin Oil Transportation

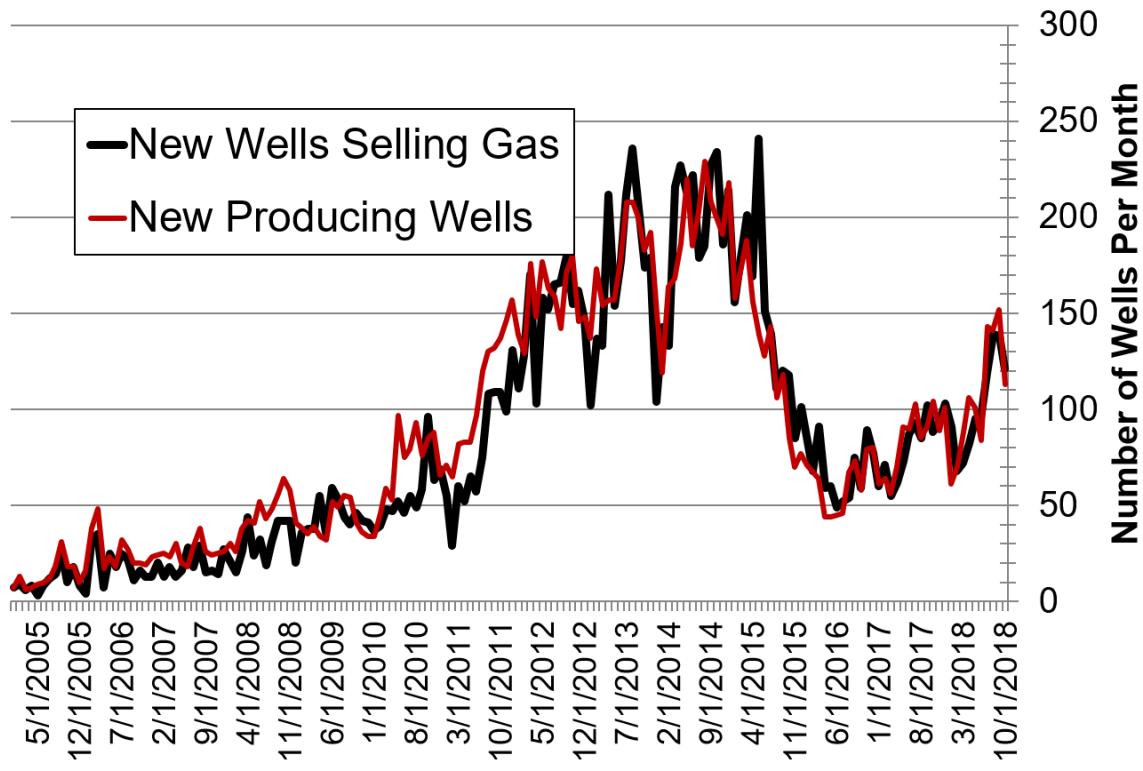


Williston Basin Truck/Rail Imports and Exports with Canada



Data for imports/exports chart is provided by the US International Trade Commission and represents traffic across US/Canada border in the Williston Basin area.

New Gas Sales Wells per Month



US Williston Basin Oil Production, BOPD

2017

MONTH	ND	EASTERN MT*	SD	TOTAL
January	983,826	52,738	3,553	1,040,117
February	1,034,177	53,978	3,718	1,091,873
March	1,025,839	52,955	3,705	1,082,498
April	1,050,837	52,454	3,768	1,107,059
May	1,040,659	53,033	3,389	1,097,081
June	1,032,942	52,991	3,563	1,089,496
July	1,048,570	51,799	3,529	1,103,898
August	1,089,277	52,244	3,565	1,145,086
September	1,107,464	51,367	3,568	1,162,399
October	1,183,810	50,655	3,616	1,238,081
November	1,196,976	50,020	3,572	1,250,568
December	1,182,836	49,300	3,366	1,235,502

2018

MONTH	ND	EASTERN MT*	SD	TOTAL
January	1,177,679	50,110	3,555	1,231,343
February	1,175,307	50,861	3,628	1,229,795
March	1,162,354	49,837	3,502	1,215,693
April	1,227,238	52,426	3,515	1,283,179
May	1,248,202	53,717	3,471	1,305,390
June	1,227,436	53,987	3,443	1,284,866
July	1,269,297	53,194	3,377	1,325,868
August	1,292,533	55,599	3,471	1,351,603
September	1,359,282	54,516	3,475	1,417,273
October	1,391,877			
November				
December				

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