



MONTHLY UPDATE

NOVEMBER 2018 PRODUCTION & TRANSPORTATION

Published: January 15, 2019

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MONTHLY UPDATE

NOVEMBER 2018 PRODUCTION & TRANSPORTATION

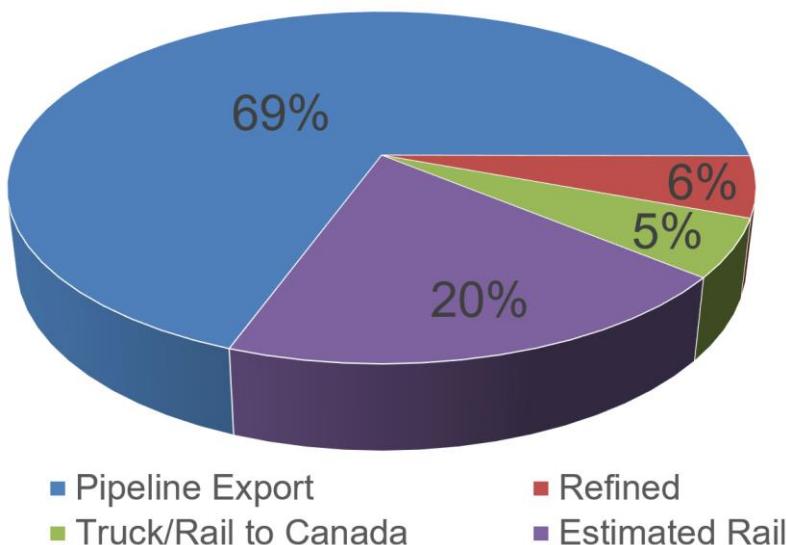
North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
Oct. 2018 - Final	43,163,454	1,392,369
Nov. 2018 - Prelim.	41,274,101	1,375,803

North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
Oct. 2018 - Final	79,421,627	2,561,988
Nov. 2018 - Prelim.	75,686,241	2,522,875

Estimated Williston Basin Oil Transportation, Nov. 2018



CURRENT DRILLING ACTIVITY:

NORTH DAKOTA¹

67 Rigs

EASTERN MONTANA²

3 Rigs

SOUTH DAKOTA²

0 Rigs

SOURCE (JAN 15, 2019):

1. ND Oil & Gas Division
2. Baker Hughes

PRICES:

Crude (WTI): \$51.84

Crude (Brent): \$60.28

NYMEX Gas: \$3.53

SOURCE: BLOOMBERG (JANUARY 15, 2019)

GAS STATS*

80% CAPTURED & SOLD

15% FLARED DUE TO CHALLENGES OR CONSTRAINTS ON EXISTING GATHERING SYSTEMS

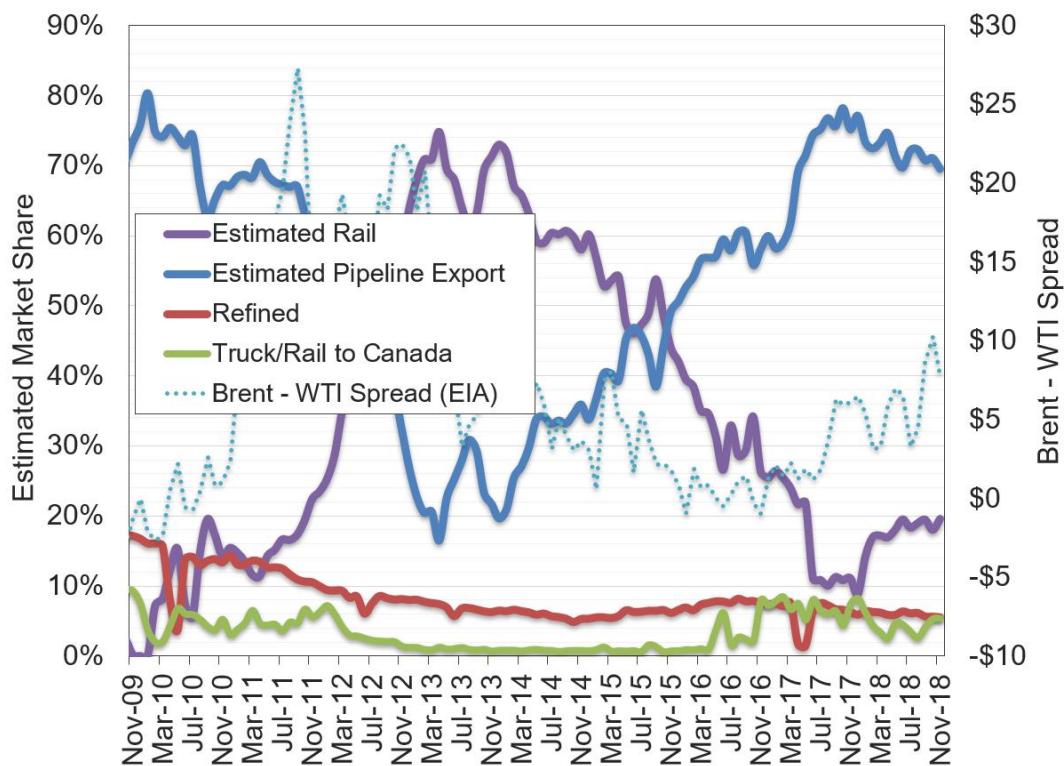
5% FLARED FROM WELL WITH ZERO SALES

*NOV. 2018 NON-CONF DATA

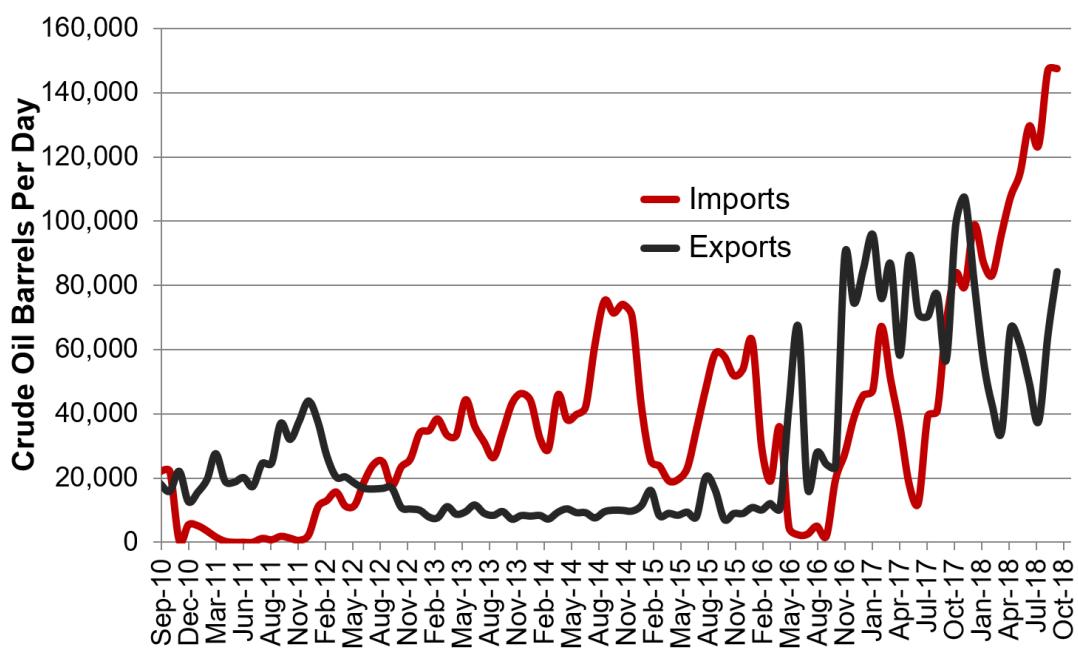
Estimated North Dakota Rail Export Volumes



Estimated Williston Basin Oil Transportation

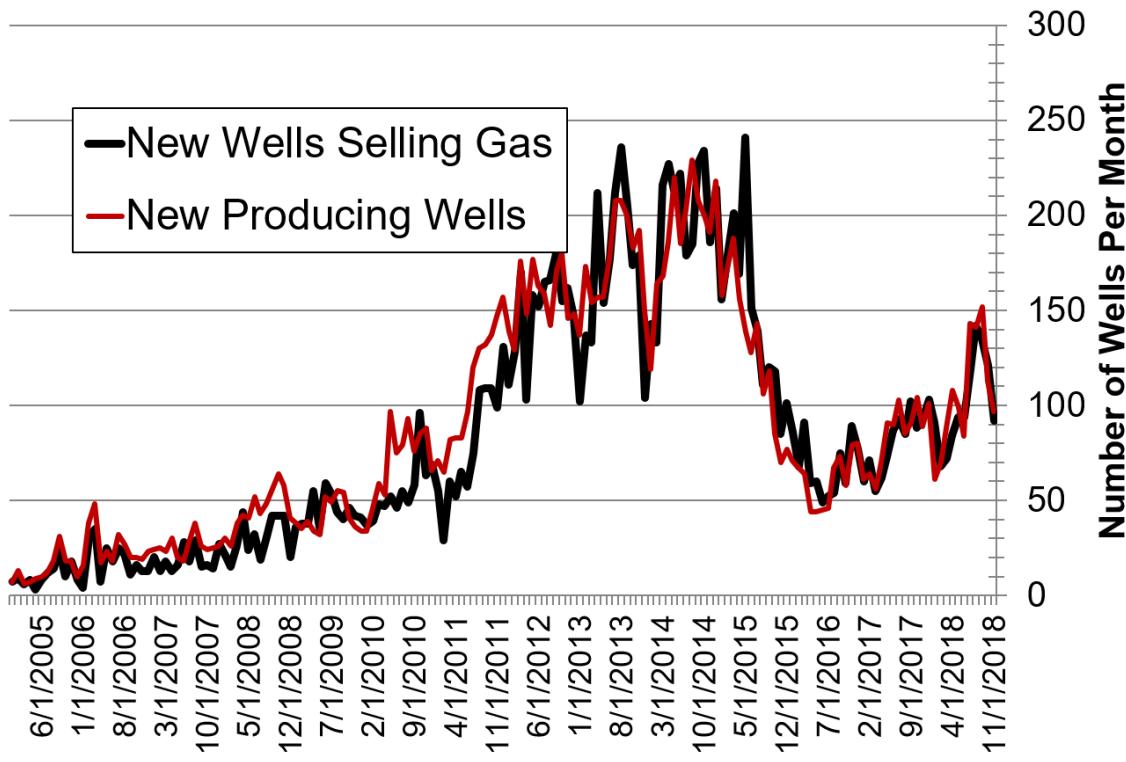


Williston Basin Truck/Rail Imports and Exports with Canada



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	1,177,637	50,110	3,555	1,231,301
February	1,175,080	50,861	3,628	1,229,568
March	1,162,129	49,830	3,502	1,215,461
April	1,226,921	52,426	3,515	1,282,862
May	1,247,756	53,717	3,471	1,304,944
June	1,227,440	53,987	3,443	1,284,870
July	1,269,315	53,187	3,377	1,325,879
August	1,292,513	55,627	3,471	1,351,611
September	1,359,283	54,634	3,475	1,417,392
October	1,392,369	53,406	3,375	1,449,151
November	1,375,803			
December				

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