



MONTHLY UPDATE

SEPTEMBER 2018 PRODUCTION & TRANSPORTATION

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MONTHLY UPDATE

SEPTEMBER 2018 PRODUCTION & TRANSPORTATION

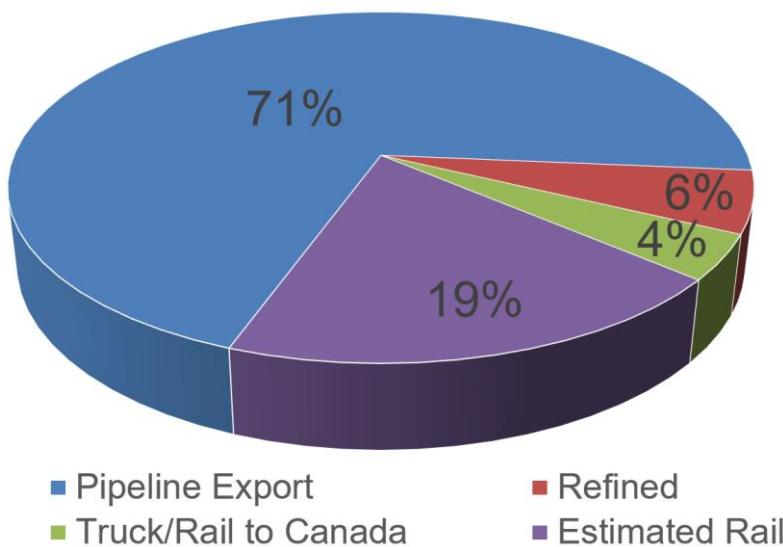
North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
Aug. 2018 - Final	40,067,657	1,292,505
Sep. 2018 - Prelim.	40,777,699	1,359,257

North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
Aug. 2018 - Final	75,733,300	2,443,010
Sep. 2018 - Prelim.	75,960,541	2,532,018

Estimated Williston Basin Oil Transportation, Sep. 2018



CURRENT DRILLING ACTIVITY:

NORTH DAKOTA¹

63 Rigs

EASTERN MONTANA²

2 Rigs

SOUTH DAKOTA²

0 Rigs

SOURCE (NOV 16, 2018):

1. ND Oil & Gas Division
2. Baker Hughes

PRICES:

Crude (WTI): \$56.82

Crude (Brent): \$67.07

NYMEX Gas: \$4.17

SOURCE: BLOOMBERG (NOVEMBER 16, 2018)

GAS STATS*

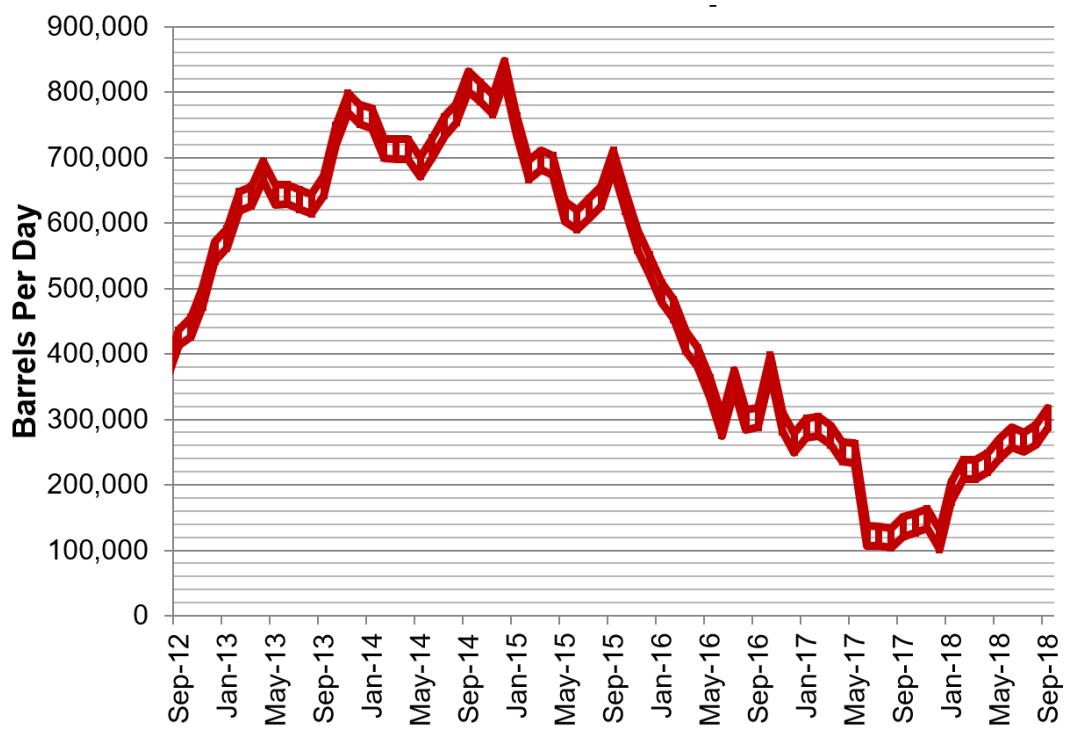
83% CAPTURED & SOLD

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

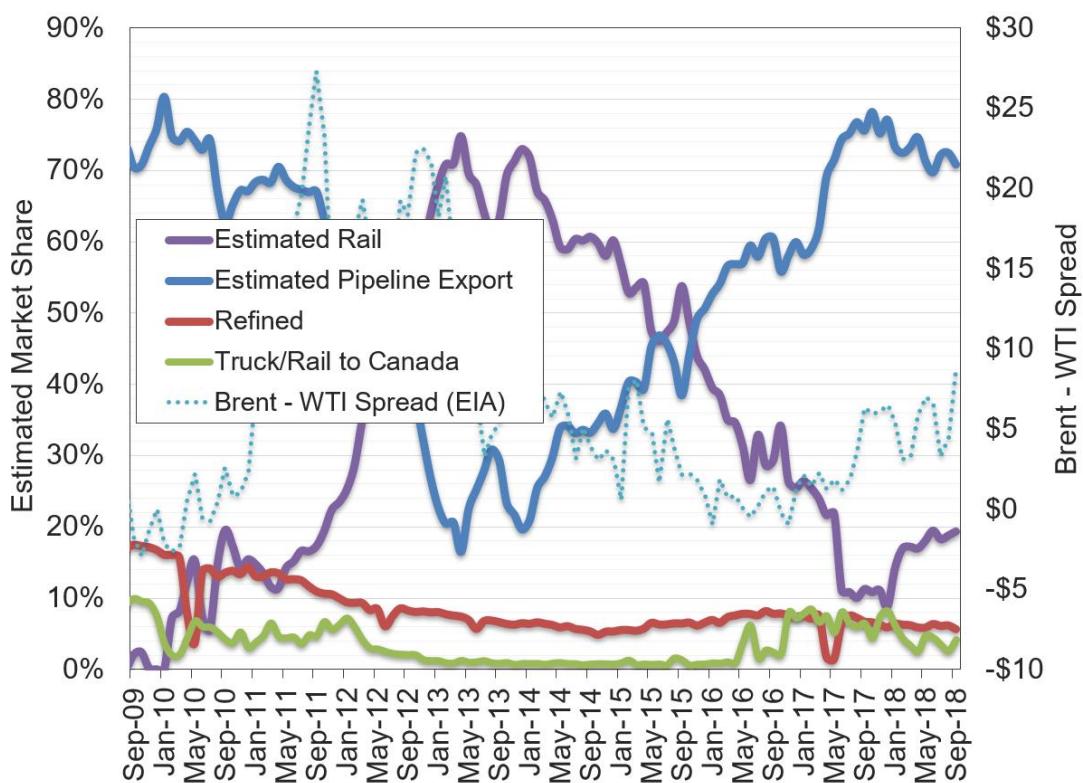
4% FLARED FROM WELL WITH ZERO SALES

*SEP. 2018 NON-CONF DATA

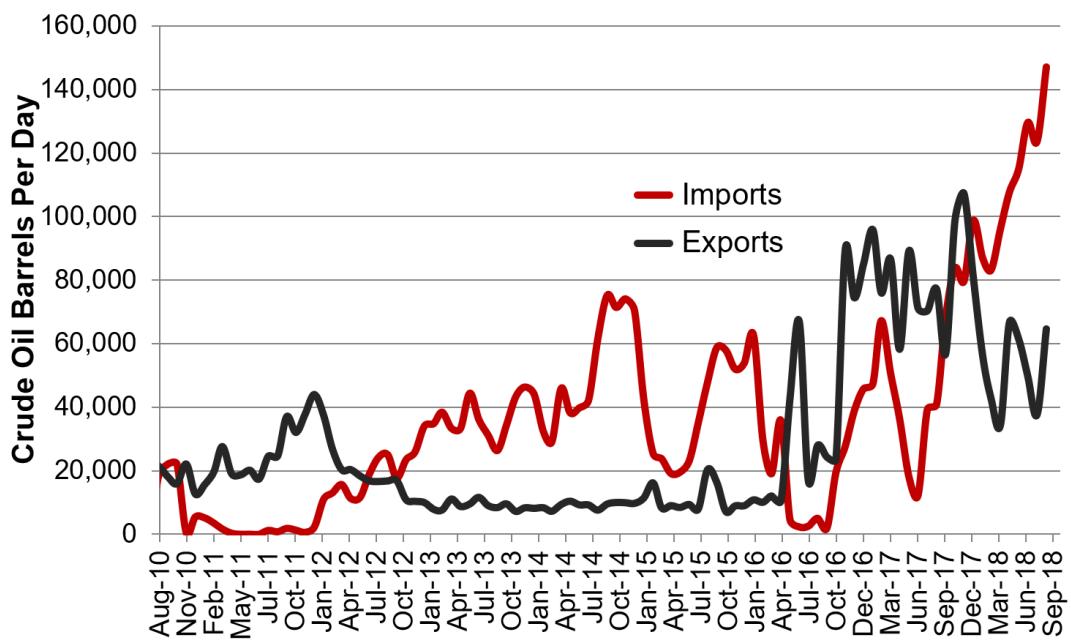
Estimated North Dakota Rail Export Volumes



Estimated Williston Basin Oil Transportation

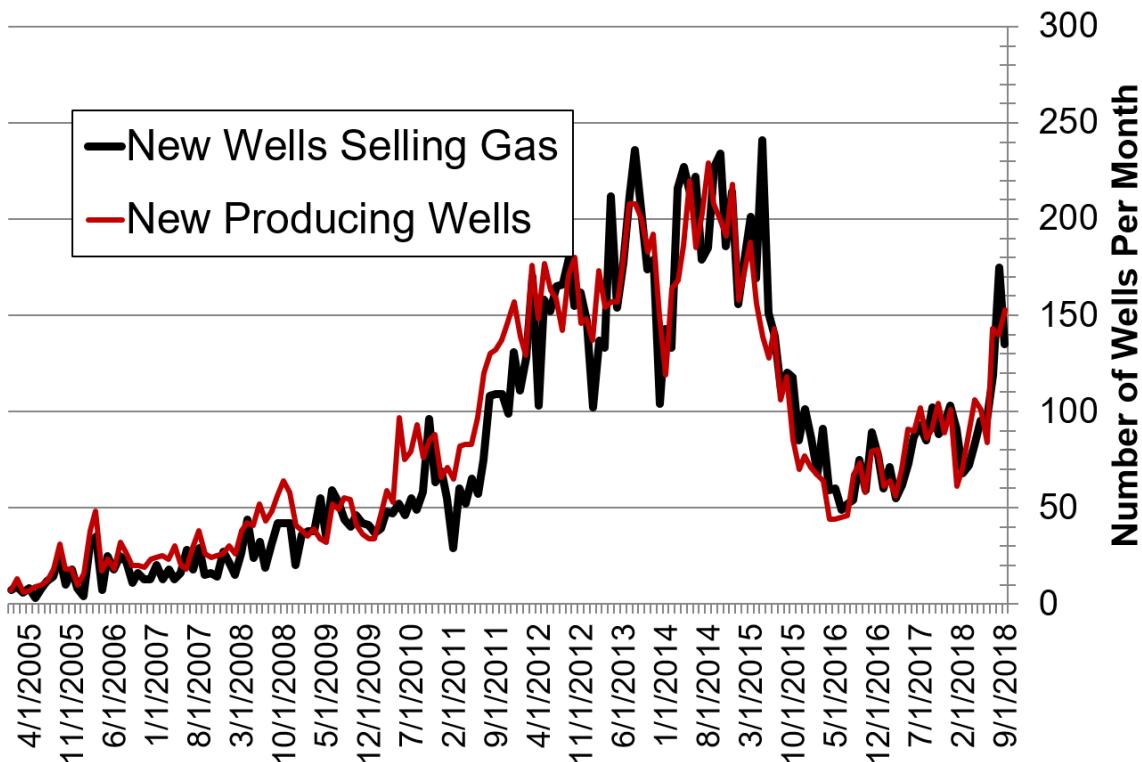


Williston Basin Truck/Rail Imports and Exports with Canada



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	1,178,050	50,123	3,555	1,231,728
February	1,175,308	50,860	3,628	1,229,796
March	1,162,354	49,837	3,502	1,215,693
April	1,227,234	52,426	3,515	1,283,175
May	1,248,222	53,701	3,471	1,305,394
June	1,227,431	53,436	3,443	1,284,310
July	1,269,290	52,218	3,377	1,324,885
August	1,292,505	52,483	3,471	1,348,459
September	1,359,257			
October				
November				
December				

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