



# **MONTHLY UPDATE**

## **OCTOBER 2016 PRODUCTION & TRANSPORTATION**

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# MONTHLY UPDATE

## OCTOBER 2016 PRODUCTION & TRANSPORTATION

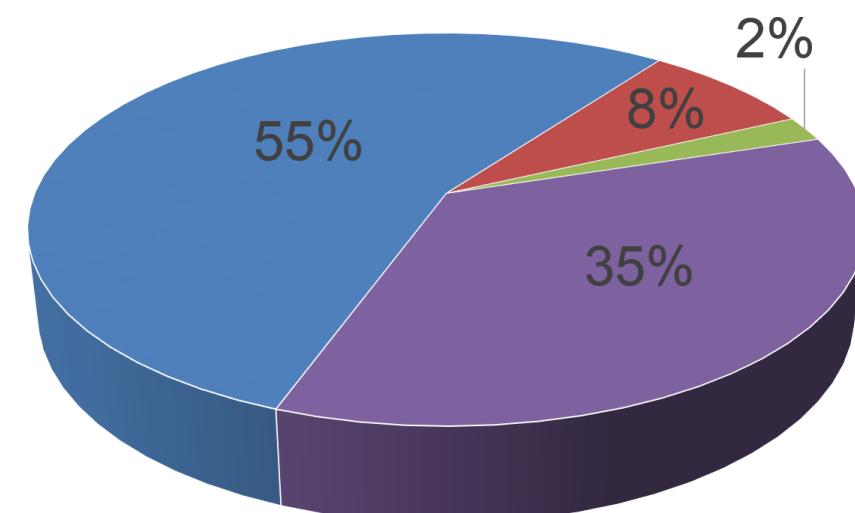
### North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
Sep. 2016 - Final	29,152,805	971,760
Oct. 2016 - Prelim.	32,339,403	1,043,207

### North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
Sep. 2016 - Final	48,356,772	1,611,892
Oct. 2016 - Prelim.	53,180,102	1,715,487

### Estimated Williston Basin Oil Transportation, Oct. 2016



■ Pipeline Export

■ Truck to Canadian Pipelines

■ Refined

■ Estimated Rail

## CURRENT DRILLING ACTIVITY:

### NORTH DAKOTA<sup>1</sup>

40 Rigs

### EASTERN MONTANA<sup>2</sup>

0 Rigs

### SOUTH DAKOTA<sup>2</sup>

0 Rigs

### SOURCE (DEC 13, 2016):

1. ND Oil & Gas Division
2. Baker Hughes

## PRICES:

Crude (WTI): \$53.06

Crude (Brent): \$55.95

NYMEX Gas: \$3.54

SOURCE: BLOOMBERG (DECEMBER 13, 2016)

## GAS STATS\*

86% CAPTURED & SOLD

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

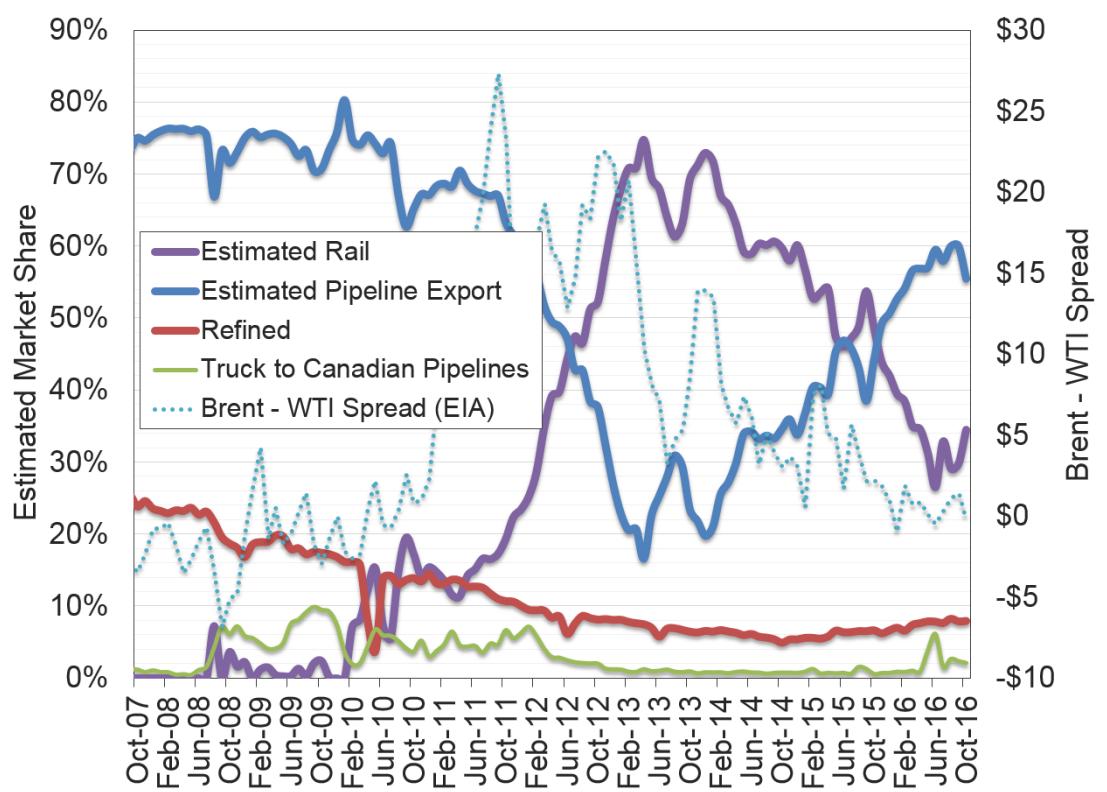
2% FLARED FROM WELL WITH ZERO SALES

\*OCT 2016 NON-CONF DATA

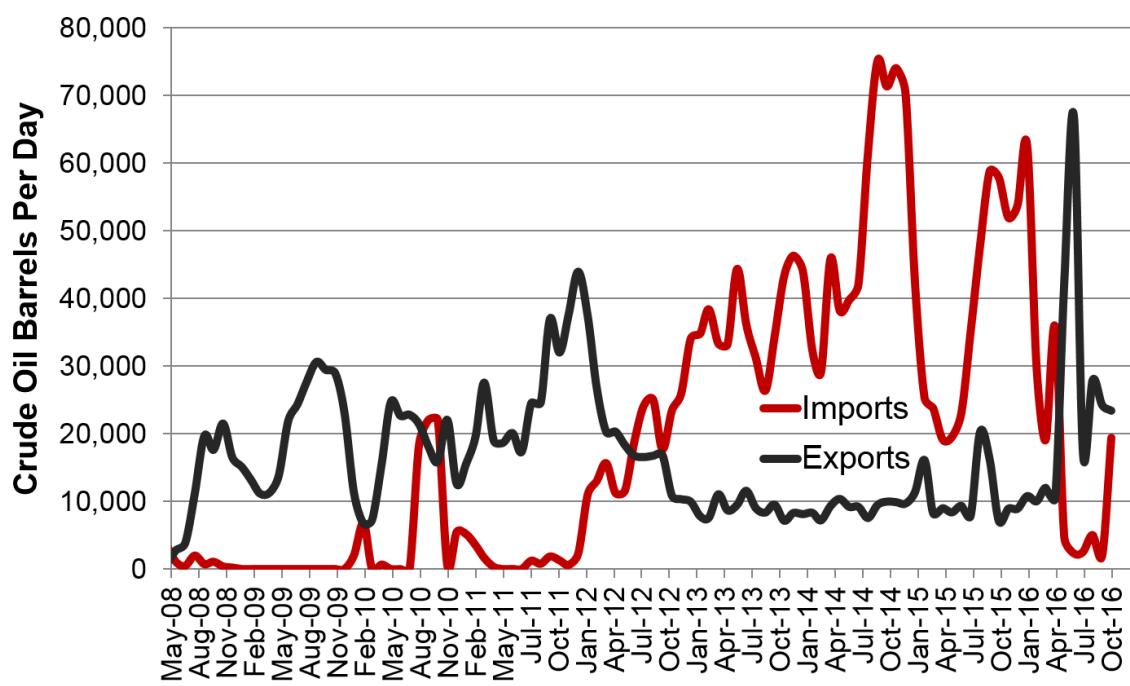
## Estimated North Dakota Rail Export Volumes



## Estimated Williston Basin Oil Transportation

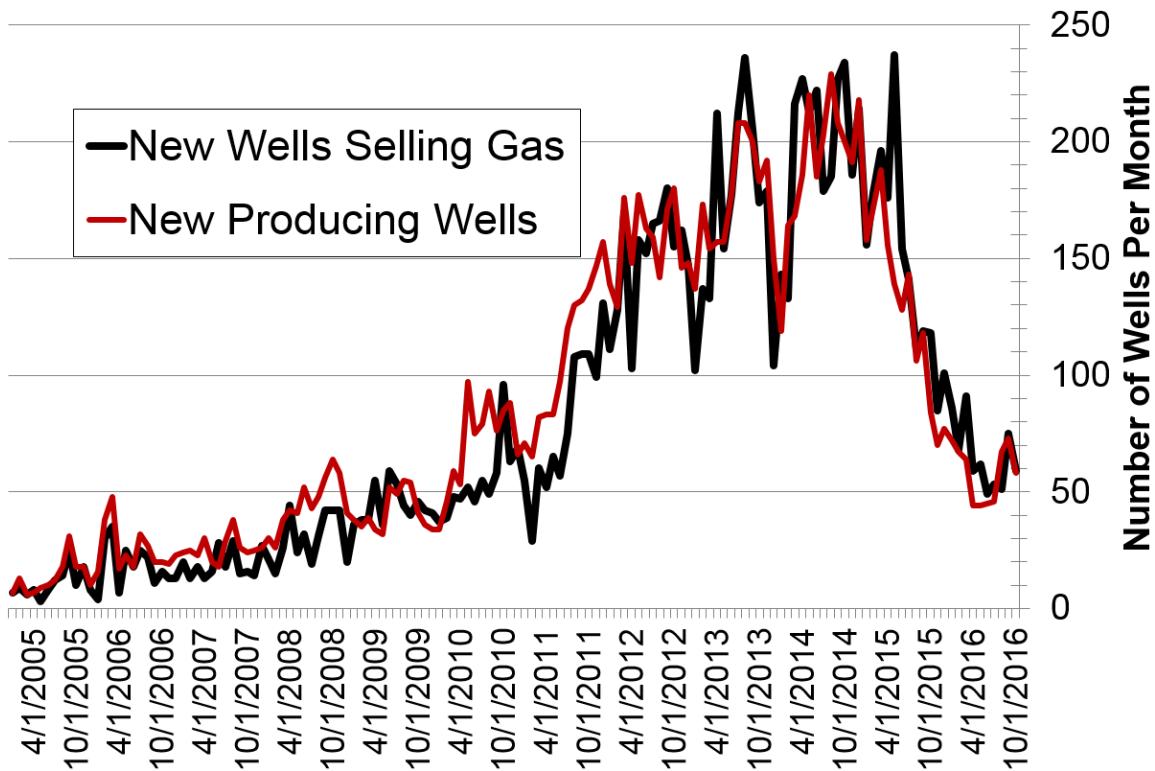


## Williston Basin Truck Imports and Exports with Canada



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

### 2015

MONTH	ND	EASTERN MT*	SD	TOTAL
January	1,191,581	77,484	5,108	1,274,173
February	1,178,502	79,915	5,051	1,263,468
March	1,191,503	78,585	4,832	1,274,919
April	1,170,212	76,060	4,860	1,251,132
May	1,202,983	74,876	4,567	1,282,426
June	1,211,656	72,322	4,403	1,288,381
July	1,207,466	70,962	4,477	1,282,905
August	1,187,833	69,628	4,454	1,261,915
September	1,162,332	68,645	4,356	1,235,333
October	1,172,832	67,378	4,284	1,244,494
November	1,181,787	66,883	4,268	1,252,938
December	1,152,280	65,853	4,154	1,222,287

### 2016

MONTH	ND	EASTERN MT*	SD	TOTAL
January	1,121,621	63,364	4,148	1,189,133
February	1,119,576	62,710	4,067	1,186,353
March	1,111,721	61,481	3,948	1,177,150
April	1,042,012	59,966	3,846	1,105,824
May	1,046,977	59,209	3,971	1,110,157
June	1,027,231	58,324	3,859	1,089,414
July	1,029,707	56,411	3,803	1,089,921
August	982,011	55,449	3,818	1,041,278
September	971,760	54,897	3,764	1,030,421
October	1,043,207			
November				
December				

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