



# **MONTHLY UPDATE**

## **SEPTEMBER 2016 PRODUCTION & TRANSPORTATION**

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# MONTHLY UPDATE

## SEPTEMBER 2016 PRODUCTION & TRANSPORTATION

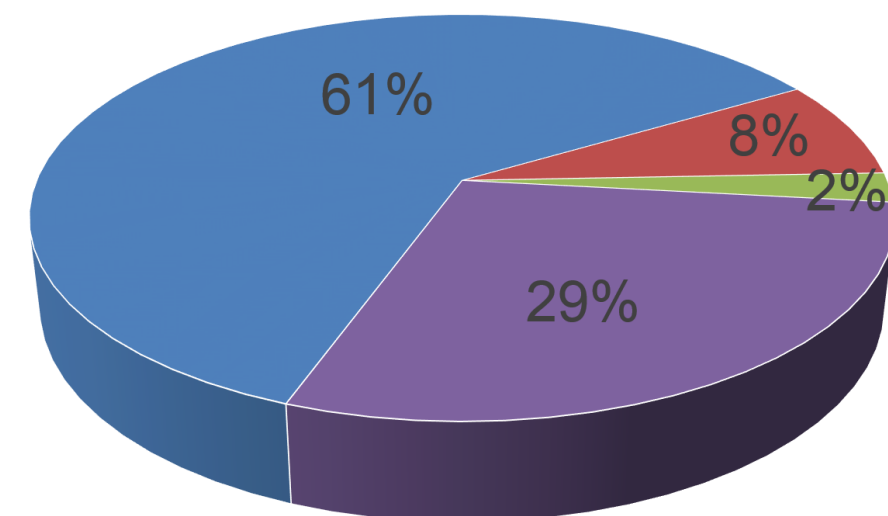
### North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
Aug. 2016 - Final	30,442,347	982,011
Sep. 2016 - Prelim.	29,149,737	971,658

### North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
Aug. 2016 - Final	50,851,988	1,640,387
Sep. 2016 - Prelim.	48,355,065	1,611,836

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



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

## CURRENT DRILLING ACTIVITY:

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

39 Rigs

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

0 Rigs

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

0 Rigs

### SOURCE (NOV 15, 2016):

1. ND Oil & Gas Division
2. Baker Hughes

## PRICES:

Crude (WTI): \$45.75

Crude (Brent): \$46.94

NYMEX Gas: \$2.70

SOURCE: BLOOMBERG  
(NOVEMBER 15, 2016)

## GAS STATS\*

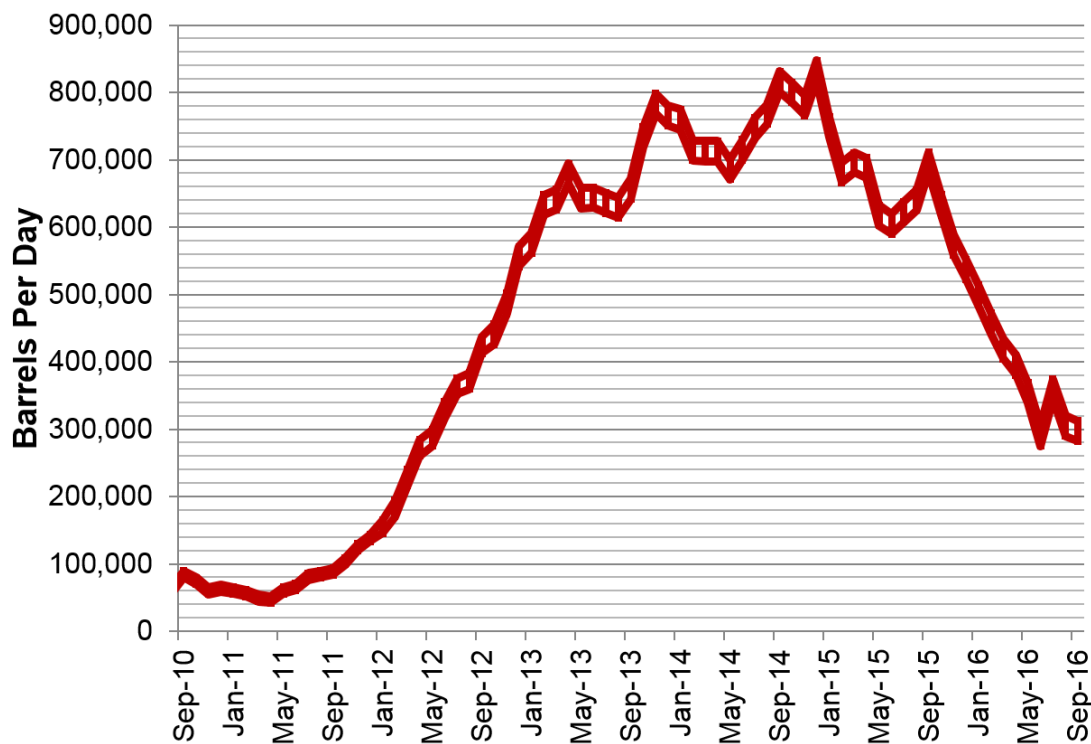
89% CAPTURED & SOLD

8% FLARED DUE TO  
CHALLENGES OR  
CONSTRAINTS ON EXISTING  
GATHERING SYSTEMS

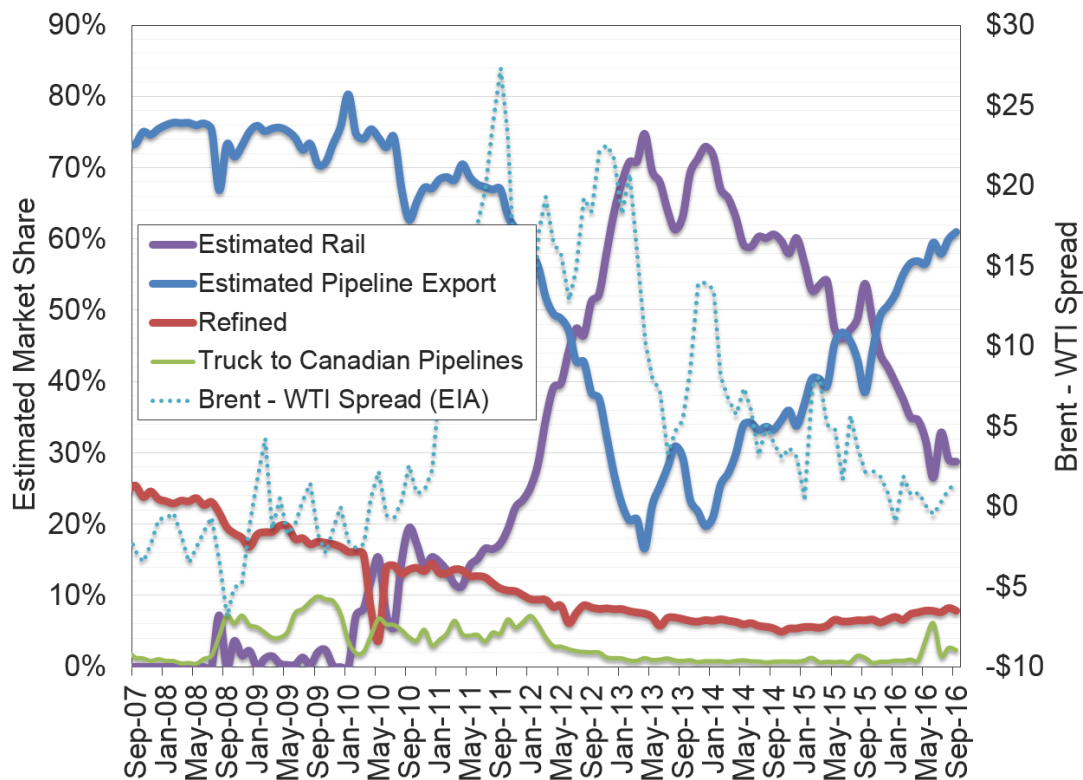
3% FLARED FROM WELL  
WITH ZERO SALES

\*SEP 2016 NON-CONF DATA

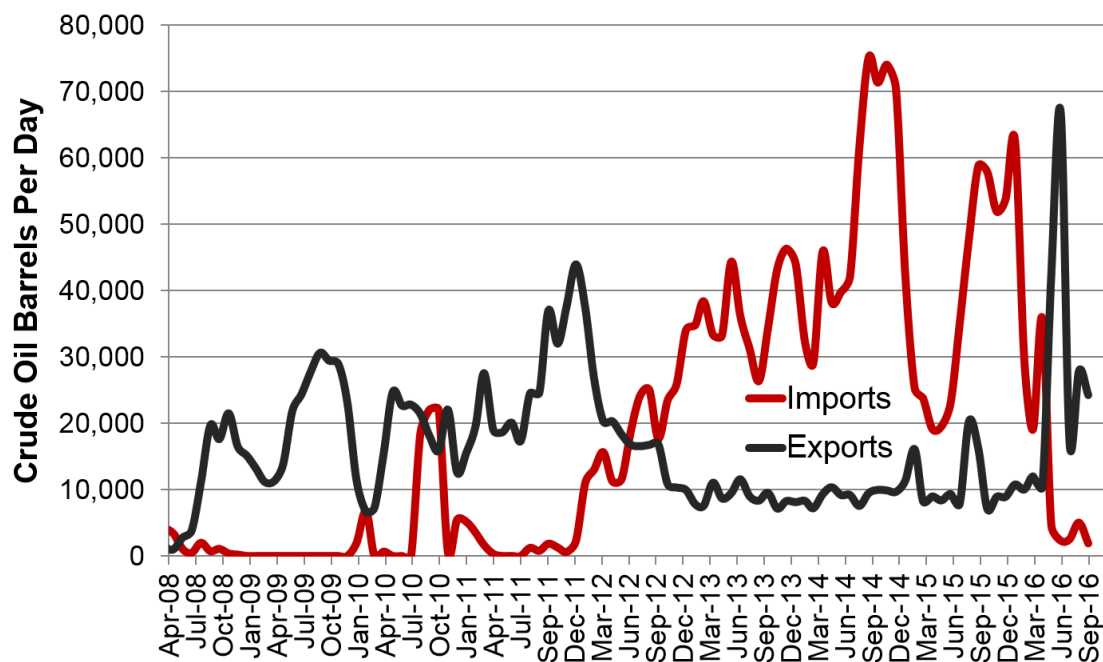
## Estimated North Dakota Rail Export Volumes



## Estimated Williston Basin Oil Transportation

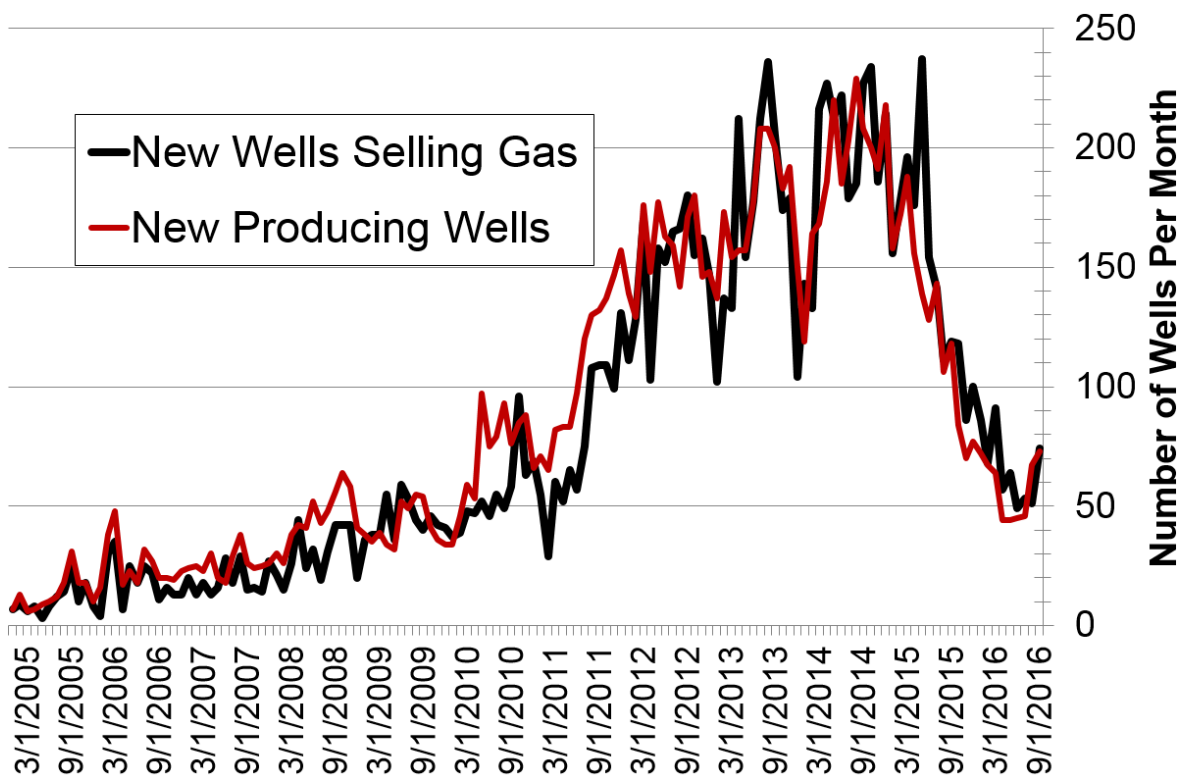


## Williston Basin Truck Imports and Exports with Canada



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**

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

### **2016**

<b>MONTH</b>	<b>ND</b>	<b>EASTERN MT*</b>	<b>SD</b>	<b>TOTAL</b>
<b>January</b>	1,121,663	63,364	4,148	1,189,175
<b>February</b>	1,119,565	62,710	4,067	1,186,342
<b>March</b>	1,111,705	61,481	3,948	1,177,134
<b>April</b>	1,042,008	59,966	3,846	1,105,820
<b>May</b>	1,046,975	59,200	3,971	1,110,146
<b>June</b>	1,027,189	58,304	3,859	1,089,352
<b>July</b>	1,029,734	56,107	3,803	1,089,643
<b>August</b>	982,011	55,334	3,818	1,041,163
<b>September</b>	971,658		3,764	
<b>October</b>				
<b>November</b>				
<b>December</b>				

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