



# **MONTHLY UPDATE**

## **OCTOBER 2019 PRODUCTION & TRANSPORTATION**

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# MONTHLY UPDATE

## OCTOBER 2019 PRODUCTION & TRANSPORTATION

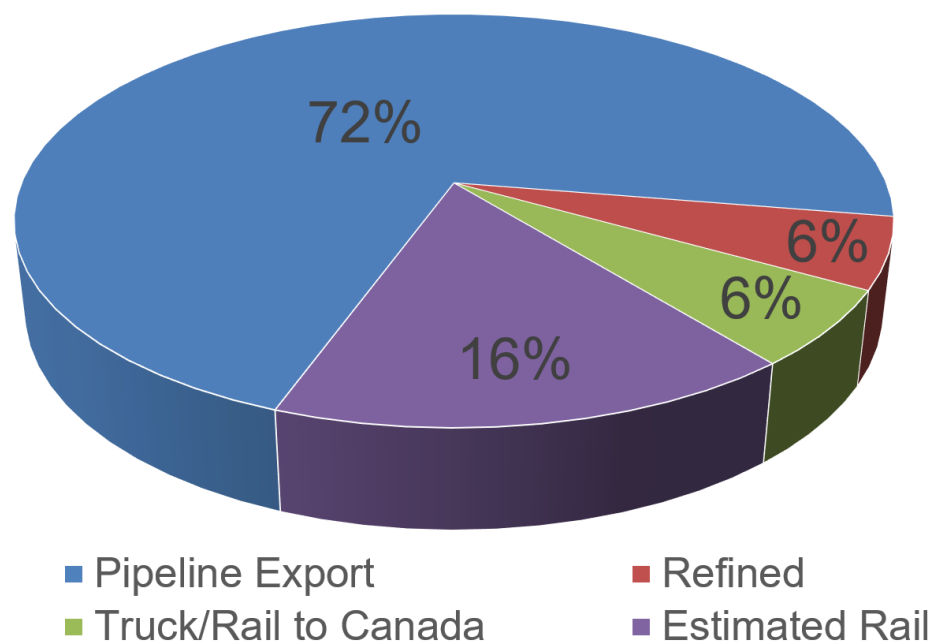
### North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
Sep. 2019 - Final	43,319,393	1,443,980
Oct. 2019 - Prelim.	47,051,671	1,517,796

### North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
Aug. 2019 - Final	88,391,725	2,946,391
Sep. 2019 - Prelim.	95,189,103	3,070,616

### Estimated Williston Basin Oil Transportation, Oct. 2019



## CURRENT DRILLING ACTIVITY:

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

53 Rigs

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

2 Rigs

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

0 Rigs

### SOURCE (DEC. 13, 2019):

1. ND Oil & Gas Division
2. Baker Hughes

## PRICES:

Crude (WTI): \$59.39

Crude (Brent): \$64.65

NYMEX Gas: \$2.31

SOURCE: BLOOMBERG  
(DEC. 13, 2019)

## GAS STATS\*

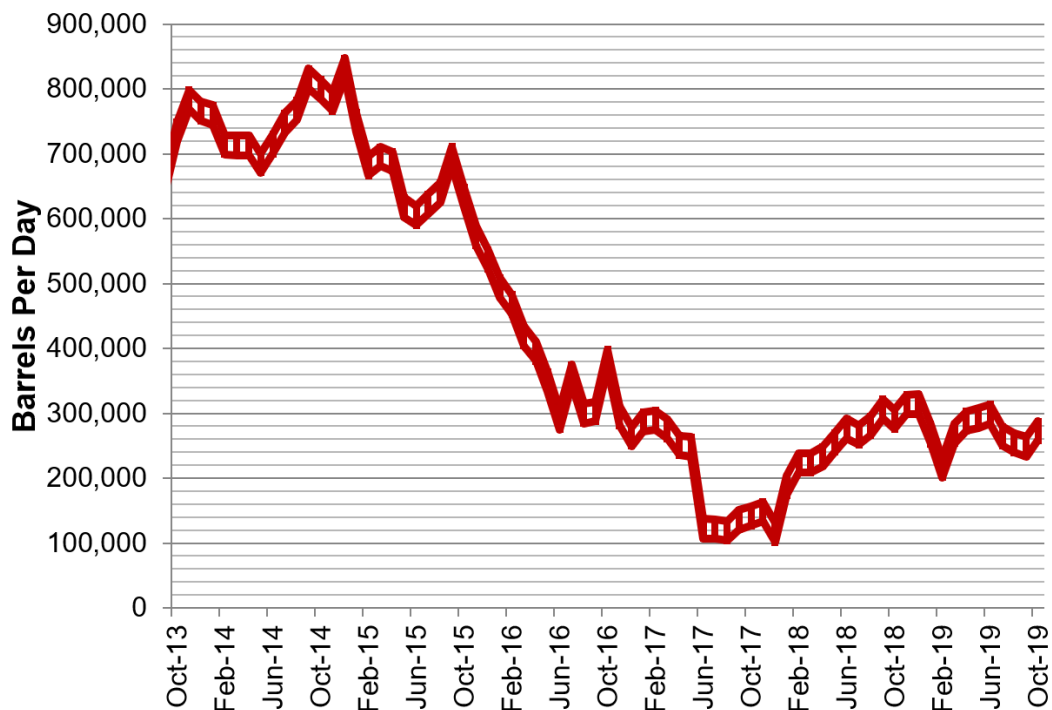
83% CAPTURED & SOLD

14% FLARED DUE TO  
CHALLENGES OR  
CONSTRAINTS ON EXISTING  
GATHERING SYSTEMS

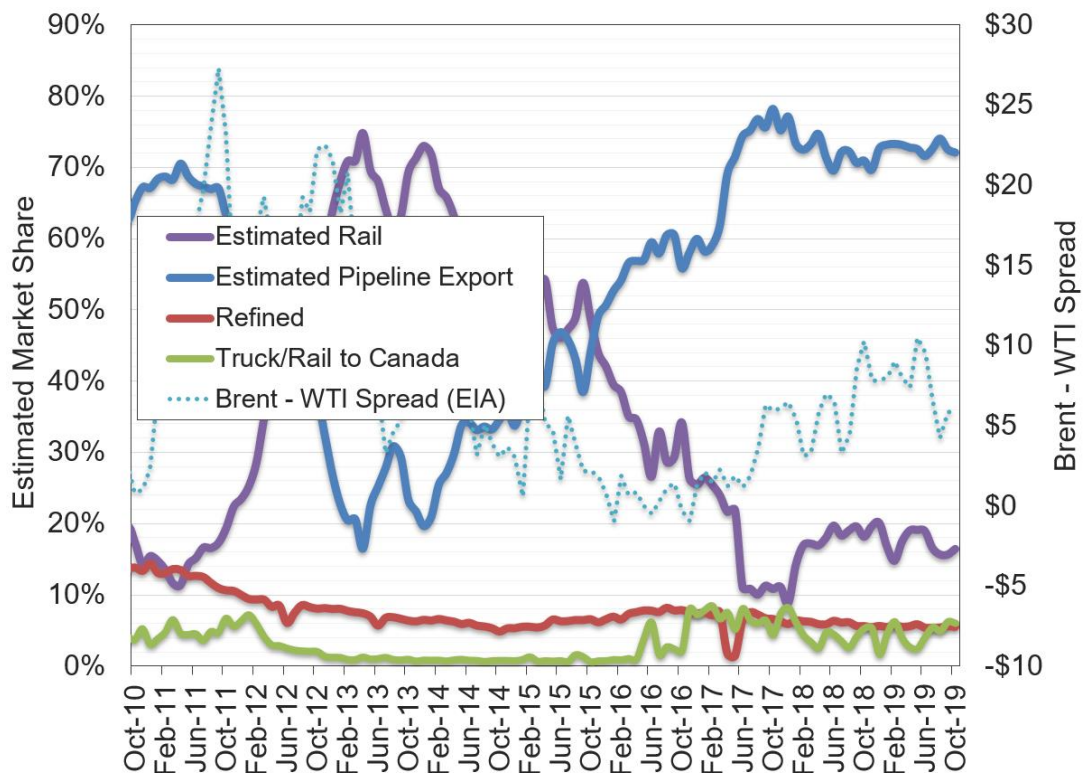
3% FLARED FROM WELL  
WITH ZERO SALES

\*OCT. 2019 NON-CONF DATA

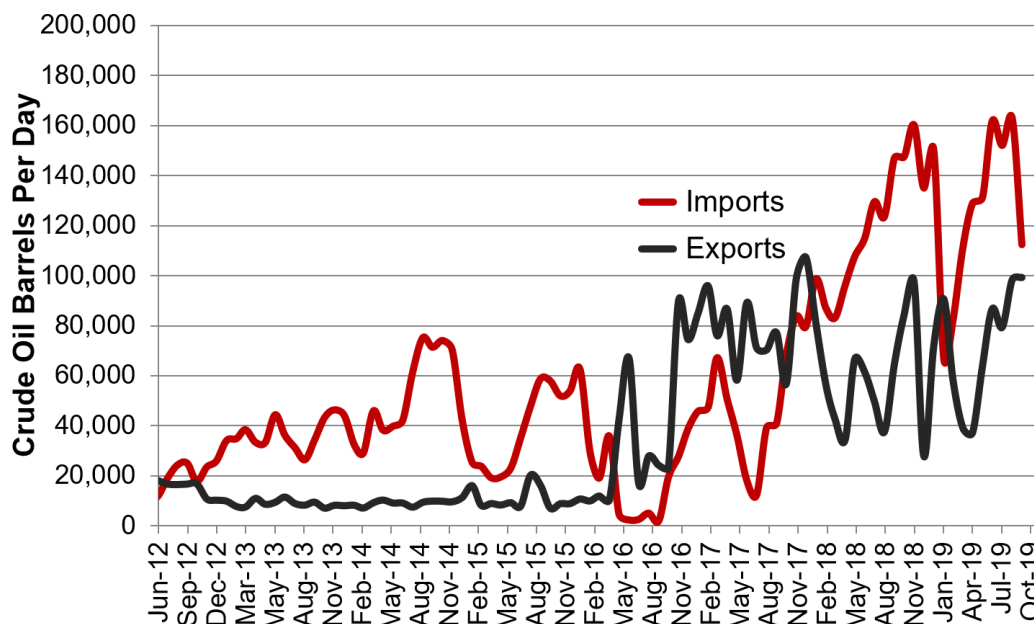
## Estimated North Dakota Rail Export Volumes



## Estimated Williston Basin Oil Transportation

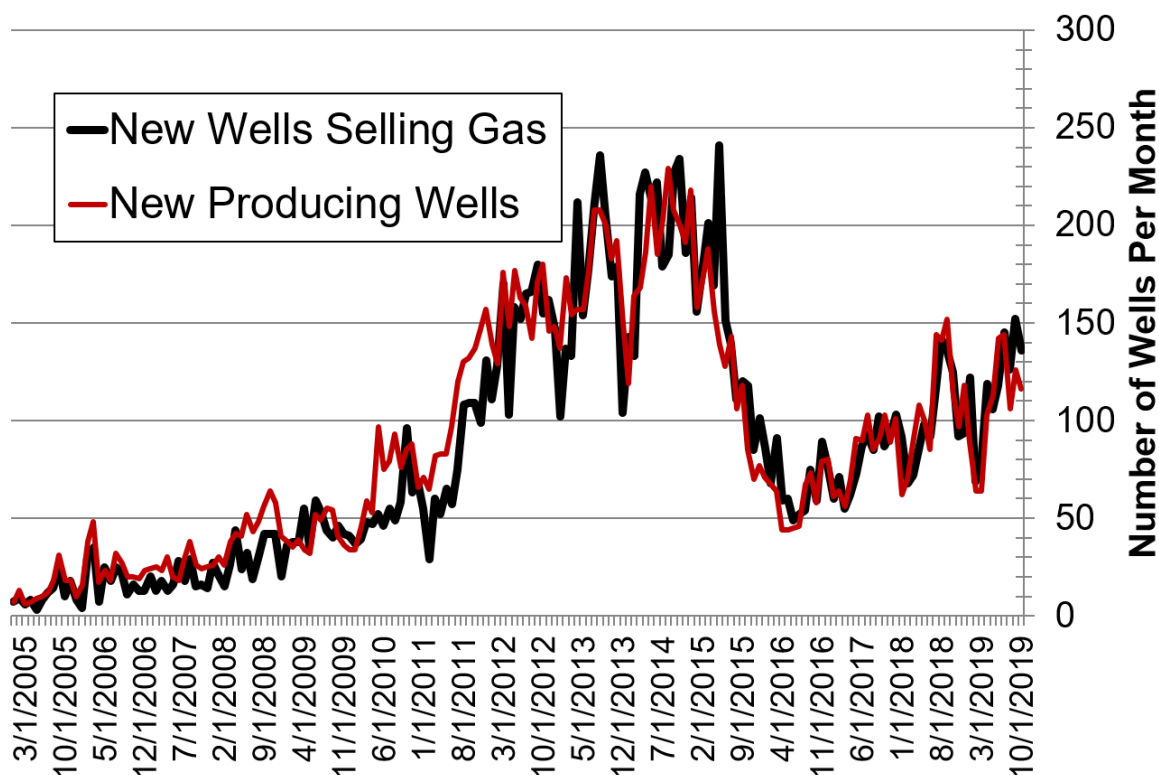


## Williston Basin Truck/Rail Imports and Exports with Canada



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**

### **2018**

<b>MONTH</b>	<b>ND</b>	<b>EASTERN MT*</b>	<b>SD</b>	<b>TOTAL</b>
<b>January</b>	1,177,590	50,147	3,555	1,231,291
<b>February</b>	1,175,035	50,927	3,628	1,229,589
<b>March</b>	1,162,091	49,930	3,502	1,215,523
<b>April</b>	1,226,879	52,465	3,515	1,282,859
<b>May</b>	1,247,680	53,768	3,471	1,304,919
<b>June</b>	1,231,099	54,012	3,452	1,288,562
<b>July</b>	1,269,212	53,192	3,396	1,325,799
<b>August</b>	1,292,457	57,064	3,485	1,353,006
<b>September</b>	1,359,238	57,310	3,490	1,420,038
<b>October</b>	1,392,407	56,213	3,386	1,452,007
<b>November</b>	1,376,803	58,810	3,339	1,438,952
<b>December</b>	1,401,385	58,624	3,233	1,463,243

### **2019**

<b>MONTH</b>	<b>ND</b>	<b>EASTERN MT*</b>	<b>SD</b>	<b>TOTAL</b>
<b>January</b>	1,403,887	57,565	3,276	1,464,728
<b>February</b>	1,336,672	54,660	3,339	1,394,671
<b>March</b>	1,394,130	56,222	3,256	1,453,608
<b>April</b>	1,392,578	57,678	3,231	1,453,486
<b>May</b>	1,395,029	53,945	3,092	1,452,066
<b>June</b>	1,425,263	47,747	3,122	1,476,132
<b>July</b>	1,445,865	44,687	3,128	1,451,994
<b>August</b>	1,480,475		3,124	
<b>September</b>	1,443,980		3,059	
<b>October</b>	1,517,796			
<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*