



# **MONTHLY UPDATE**

## **AUGUST 2018 PRODUCTION & TRANSPORTATION**

Published: October 12, 2018  
Justin J. Kringstad, Director  
North Dakota Pipeline Authority  
Office: 701.220.6227  
[www.northdakotapipelines.com](http://www.northdakotapipelines.com)

# MONTHLY UPDATE

## AUGUST 2018 PRODUCTION & TRANSPORTATION

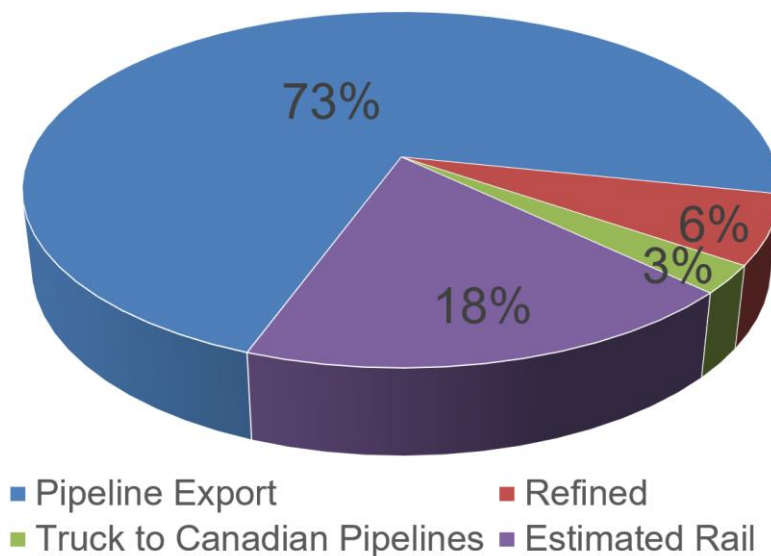
### North Dakota Oil Production

| Month               | Monthly Total, BBL | Average, BOPD |
|---------------------|--------------------|---------------|
| July 2018 - Final   | 39,347,975         | 1,269,290     |
| Aug. 2018 - Prelim. | 40,036,384         | 1,291,496     |

### North Dakota Natural Gas Production

| Month               | Monthly Total, MCF | Average, MCFD |
|---------------------|--------------------|---------------|
| July 2018 - Final   | 74,206,466         | 2,393,757     |
| Aug. 2018 - Prelim. | 75,570,551         | 2,437,760     |

### Estimated Williston Basin Oil Transportation, Aug. 2018



## CURRENT DRILLING ACTIVITY:

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

67 Rigs

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

0 Rigs

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

0 Rigs

### SOURCE (OCT 12, 2018):

1. ND Oil & Gas Division
2. Baker Hughes

## PRICES:

Crude (WTI): \$71.07

Crude (Brent): \$79.72

NYMEX Gas: \$3.17

SOURCE: BLOOMBERG  
(OCTOBER 12, 2018)

## GAS STATS\*

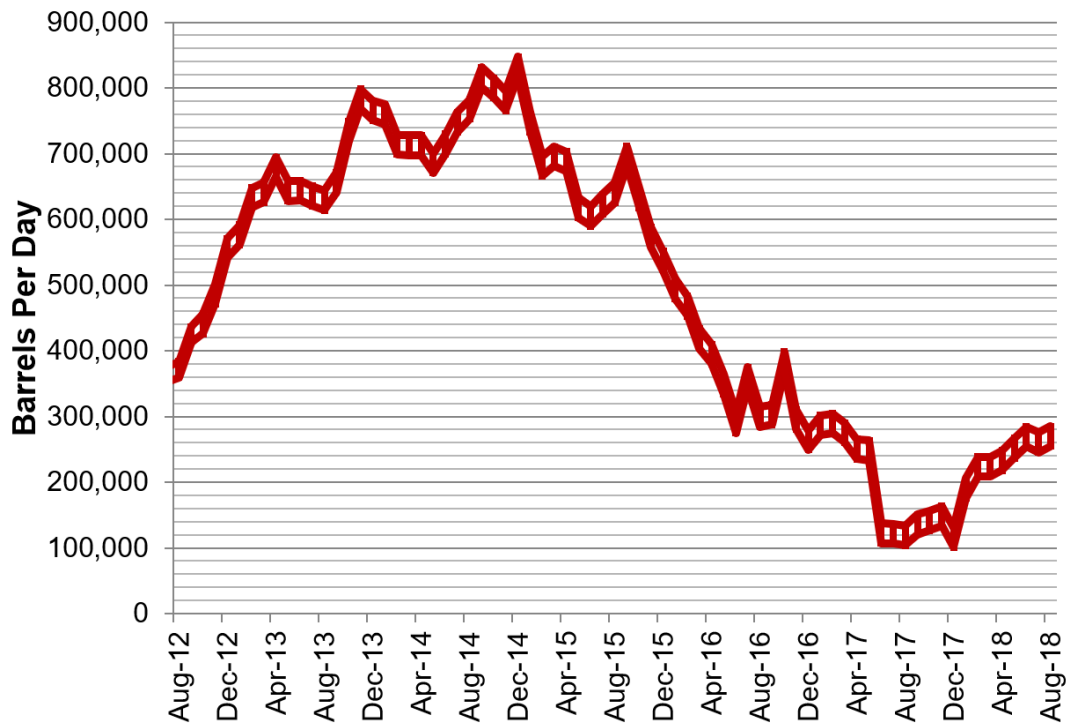
83% CAPTURED & SOLD

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

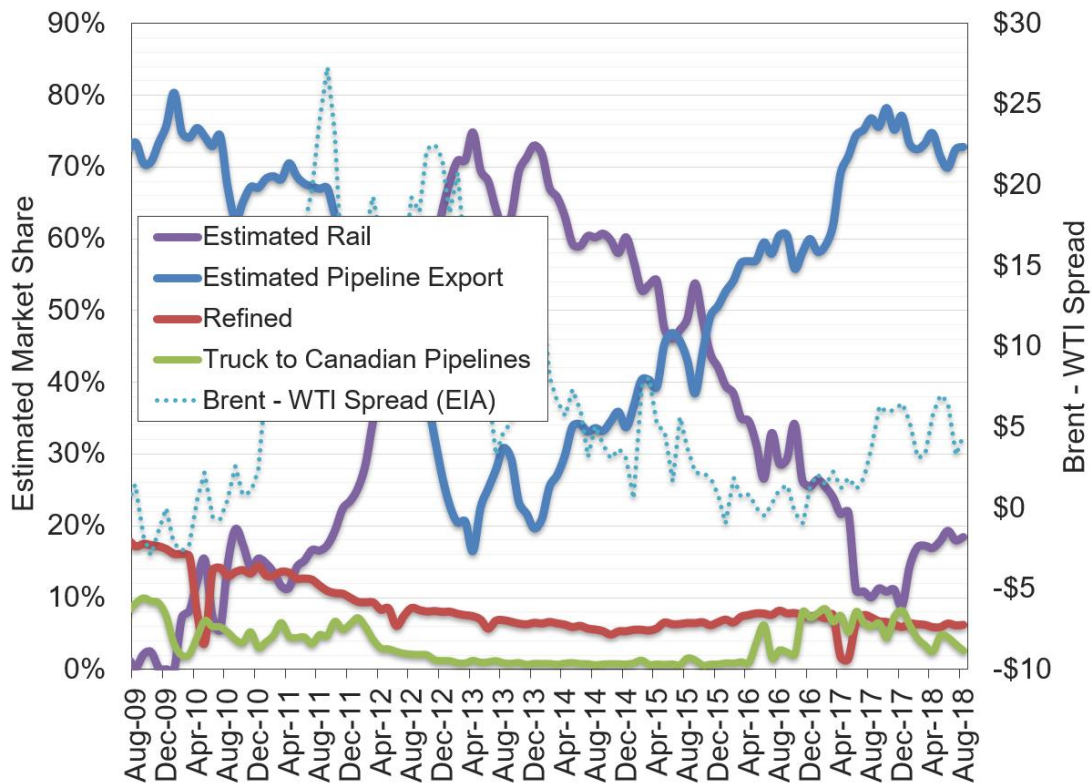
3% FLARED FROM WELL  
WITH ZERO SALES

\*AUG 2018 NON-CONF DATA

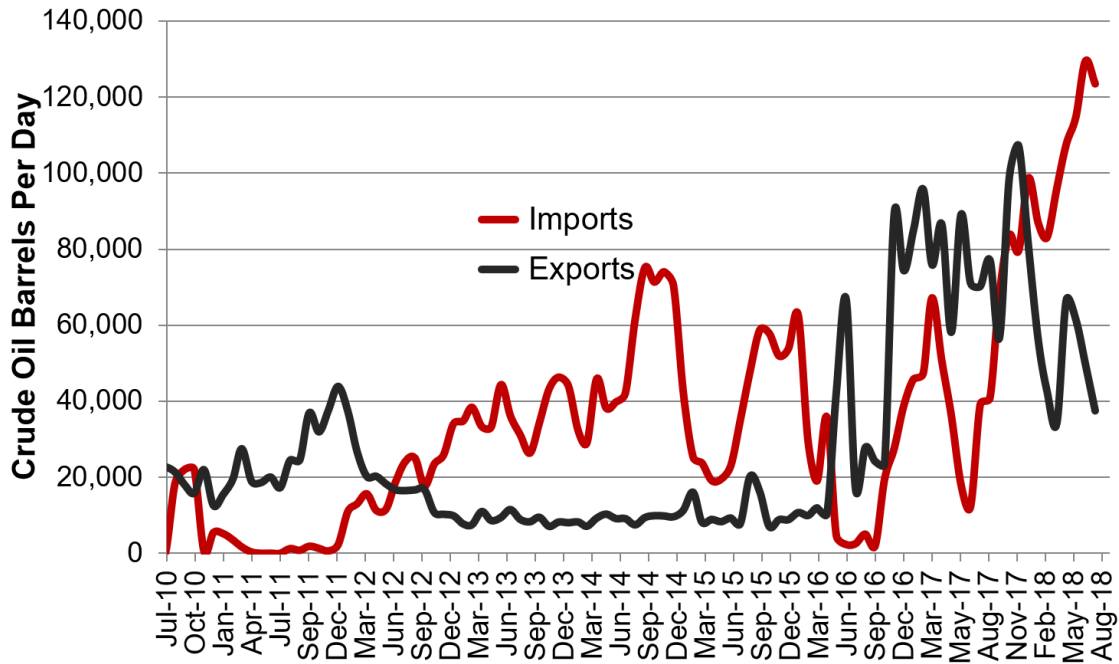
## Estimated North Dakota Rail Export Volumes



## Estimated Williston Basin Oil Transportation

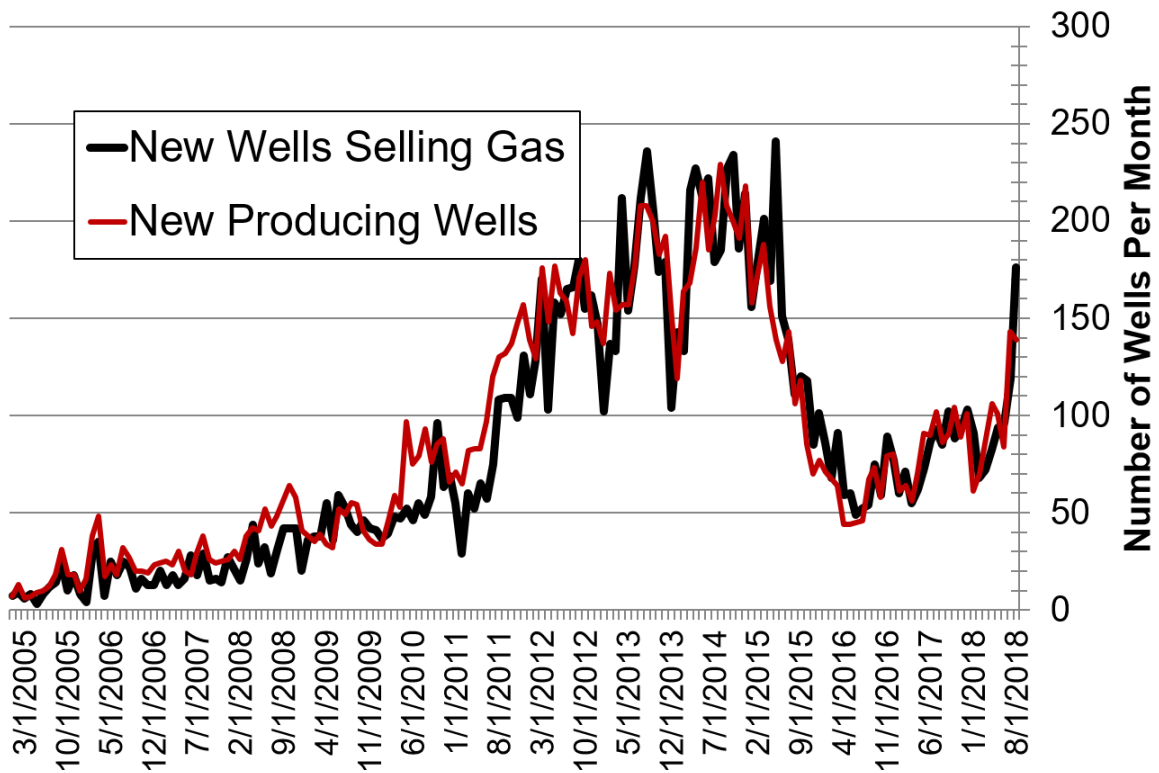


## Williston Basin Truck Imports and Exports with Canada



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

### 2017

| MONTH     | ND        | EASTERN<br>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<br>MT* | SD    | TOTAL     |
|-----------|-----------|----------------|-------|-----------|
| January   | 1,179,712 | 50,122         | 3,555 | 1,233,389 |
| February  | 1,175,285 | 50,873         | 3,628 | 1,229,786 |
| March     | 1,162,727 | 49,828         | 3,502 | 1,216,057 |
| April     | 1,227,003 | 51,672         | 3,515 | 1,282,190 |
| May       | 1,246,355 | 52,125         | 3,471 | 1,301,951 |
| June      | 1,227,320 | 50,550         | 3,443 | 1,281,313 |
| July      | 1,269,290 | 47,262         | 3,377 | 1,319,928 |
| August    | 1,291,496 |                |       |           |
| September |           |                |       |           |
| October   |           |                |       |           |
| November  |           |                |       |           |
| December  |           |                |       |           |

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