



# **MONTHLY UPDATE**

## **DECEMBER 2019 PRODUCTION & TRANSPORTATION**

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# MONTHLY UPDATE

## DECEMBER 2019 PRODUCTION & TRANSPORTATION

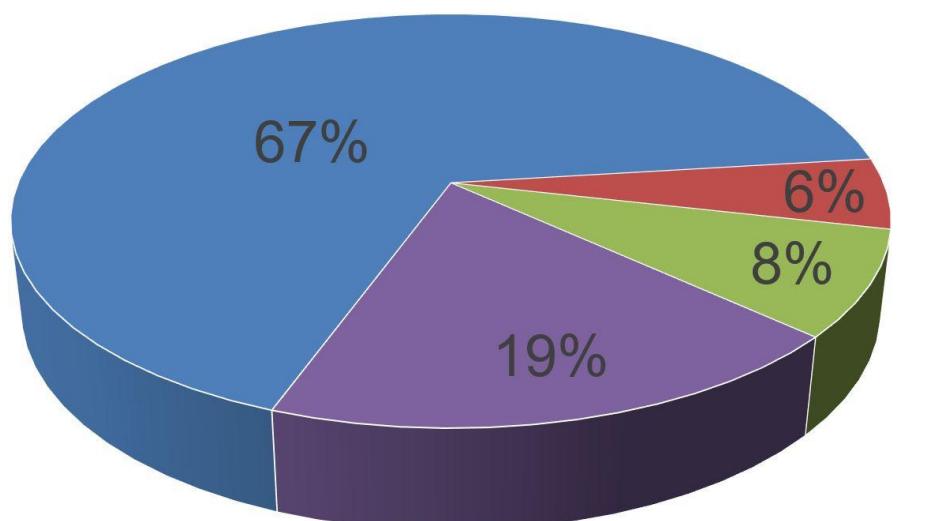
### North Dakota Oil Production

Month	Monthly Total, BBL	Average, BOPD
Nov. 2019 - Final	45,571,107	1,519,037
Dec. 2019 - Prelim.	45,746,231	1,475,685

### North Dakota Natural Gas Production

Month	Monthly Total, MCF	Average, MCFD
Nov. 2019 - Final	94,097,559	3,136,585
Dec. 2019 - Prelim.	94,854,574	3,059,825

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



- Pipeline Export
- Truck/Rail to Canada

- Refined
- Estimated Rail

## CURRENT DRILLING ACTIVITY:

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

56 Rigs

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

1 Rigs

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

0 Rigs

### SOURCE (FEB. 14, 2020):

1. ND Oil & Gas Division
2. Baker Hughes

## PRICES:

Crude (WTI): \$51.82

Crude (Brent): \$56.96

NYMEX Gas: \$1.85

SOURCE: BLOOMBERG  
(FEB. 14, 2020)

## GAS STATS\*

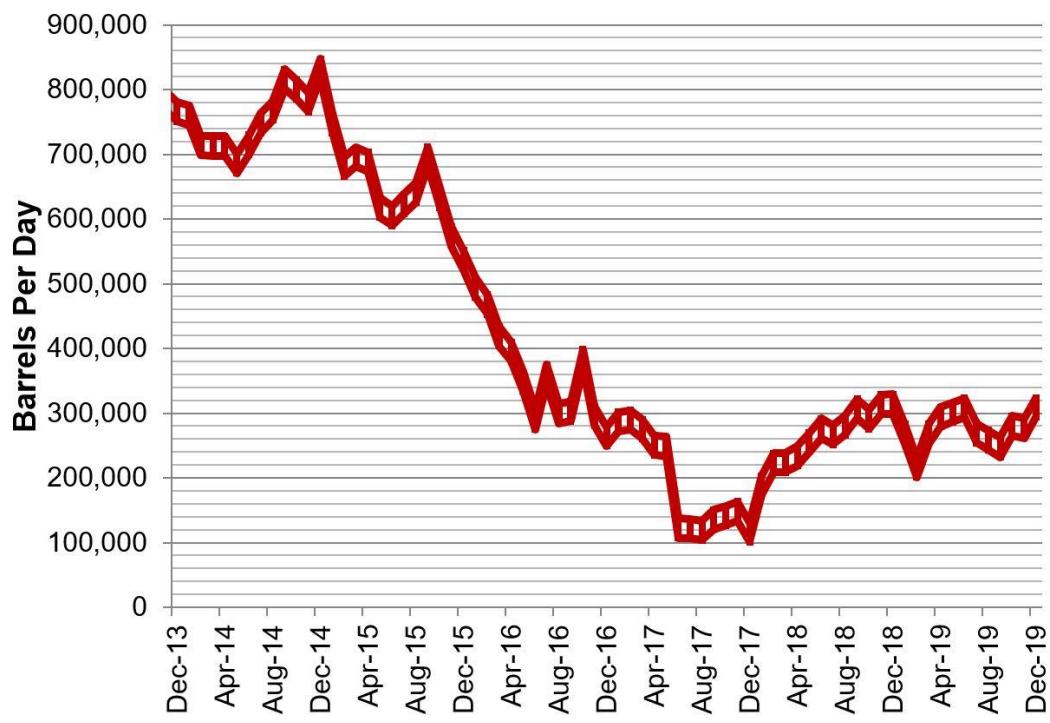
84% CAPTURED & SOLD

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

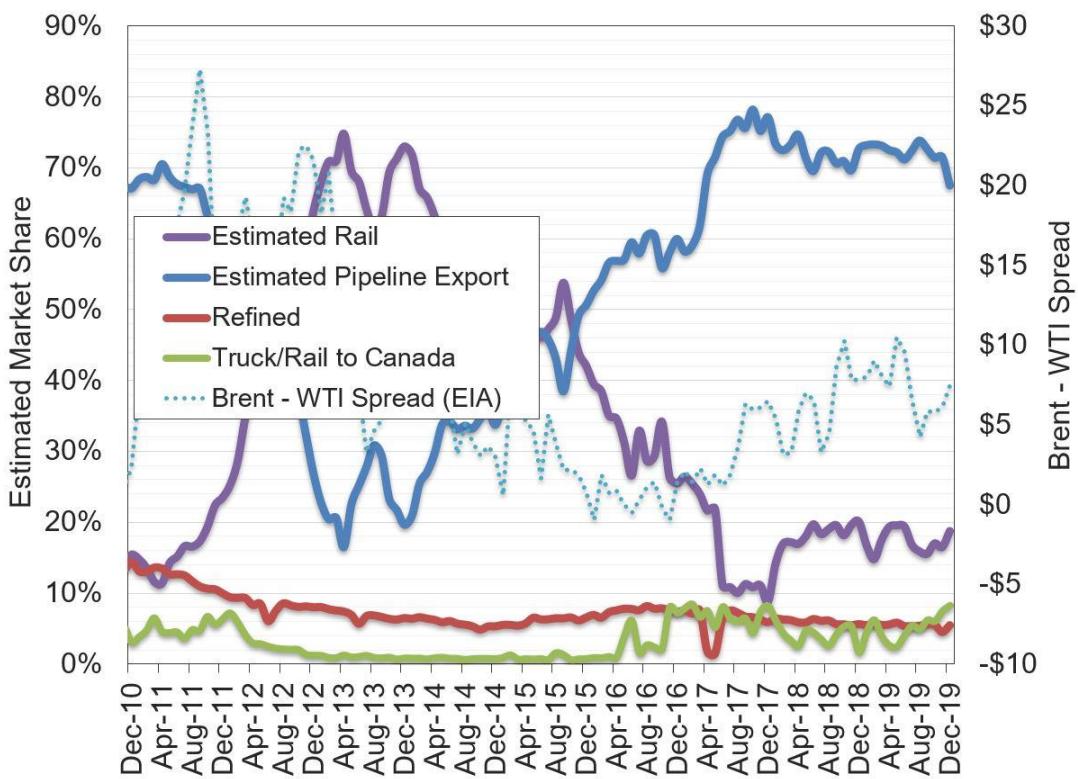
4% FLARED FROM WELL  
WITH ZERO SALES

\*DEC. 2019 NON-CONF DATA

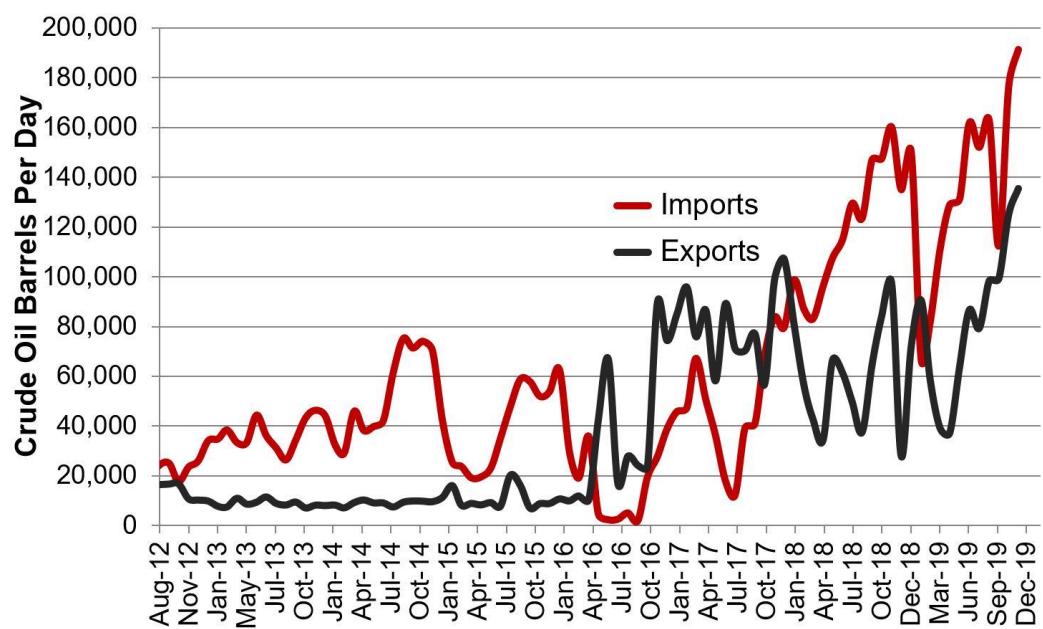
## Estimated North Dakota Rail Export Volumes



## Estimated Williston Basin Oil Transportation

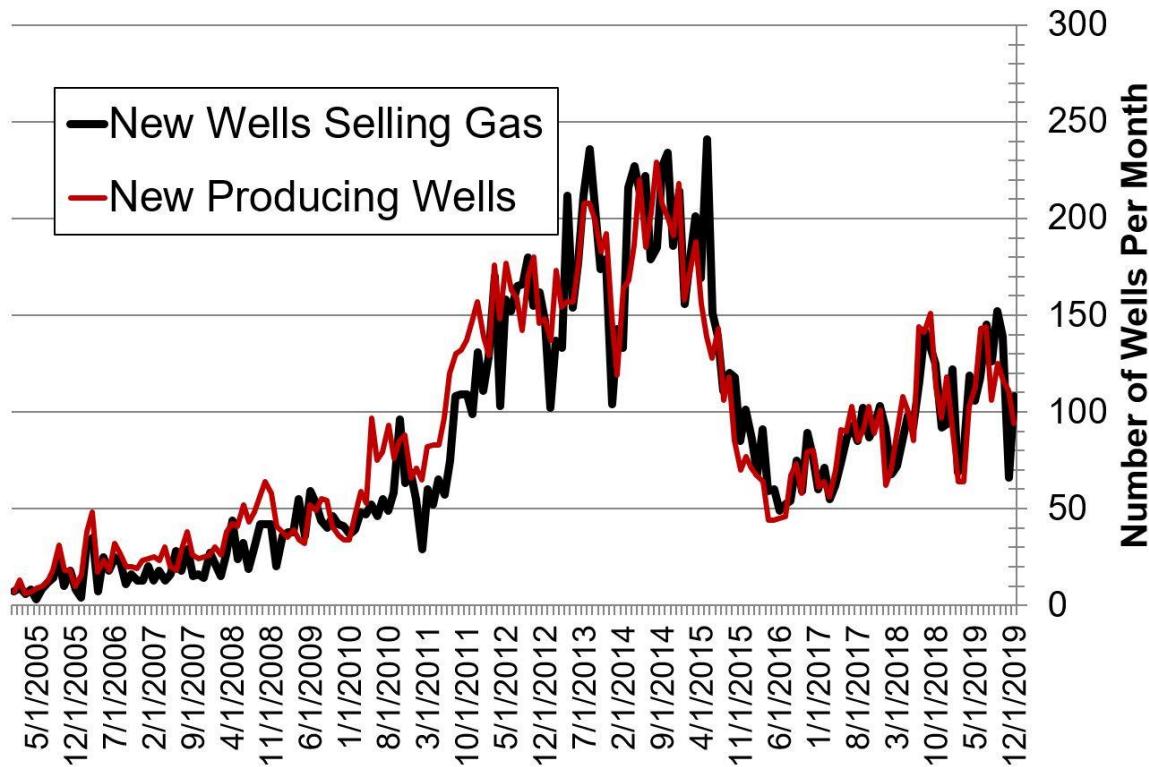


## Williston Basin Truck/Rail Imports and Exports with Canada



*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

MONTH	ND	EASTERN MT*	SD	TOTAL
January	1,177,590	50,147	3,555	1,231,291
February	1,175,035	50,931	3,628	1,229,594
March	1,162,091	49,930	3,502	1,215,523
April	1,226,879	52,465	3,515	1,282,859
May	1,247,680	53,767	3,471	1,304,919
June	1,231,099	54,011	3,452	1,288,562
July	1,269,212	53,191	3,396	1,325,799
August	1,292,457	57,063	3,485	1,353,006
September	1,359,238	57,312	3,490	1,420,040
October	1,392,407	56,213	3,386	1,452,007
November	1,376,803	58,810	3,339	1,438,952
December	1,401,385	58,624	3,233	1,463,243

### 2019

MONTH	ND	EASTERN MT*	SD	TOTAL
January	1,403,887	57,566	3,276	1,464,729
February	1,336,672	54,660	3,339	1,394,671
March	1,394,130	56,544	3,256	1,453,930
April	1,392,559	63,726	3,231	1,459,515
May	1,395,029	62,508	3,092	1,460,629
June	1,425,203	59,110	3,122	1,487,436
July	1,445,864	54,422	3,128	1,503,414
August	1,481,016	53,850	3,124	1,537,990
September	1,443,961	53,897	3,059	1,500,917
October	1,517,937	57,476	3,052	1,578,465
November	1,519,037	56,358	3,143	1,578,538
December	1,475,685			

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