



MONTHLY UPDATE

OCTOBER 2019 PRODUCTION & TRANSPORTATION

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MONTHLY UPDATE

OCTOBER 2019 PRODUCTION & TRANSPORTATION

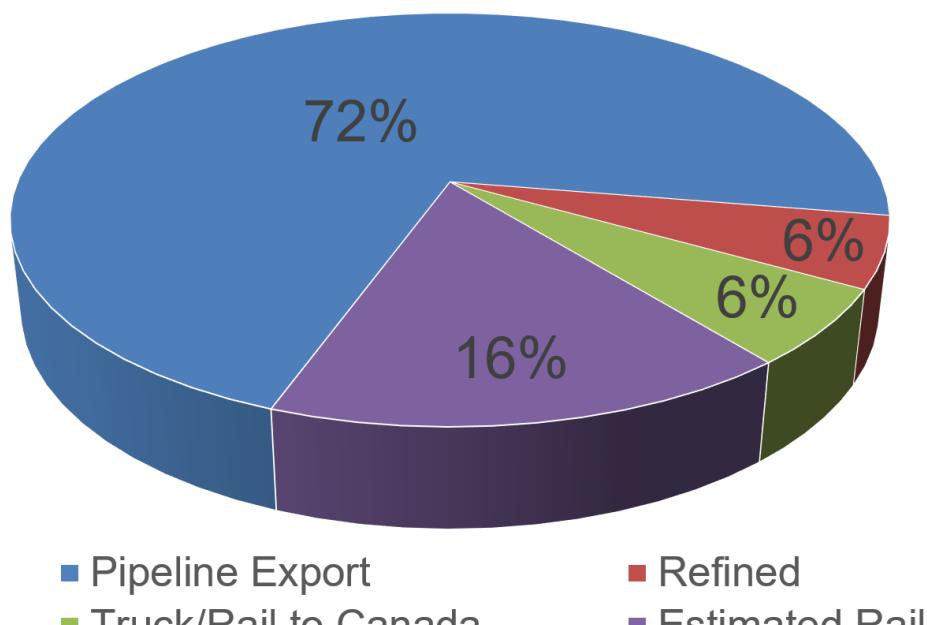
North Dakota Oil Production

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 DAKOTA¹

53 Rigs

EASTERN MONTANA²

2 Rigs

SOUTH DAKOTA²

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*

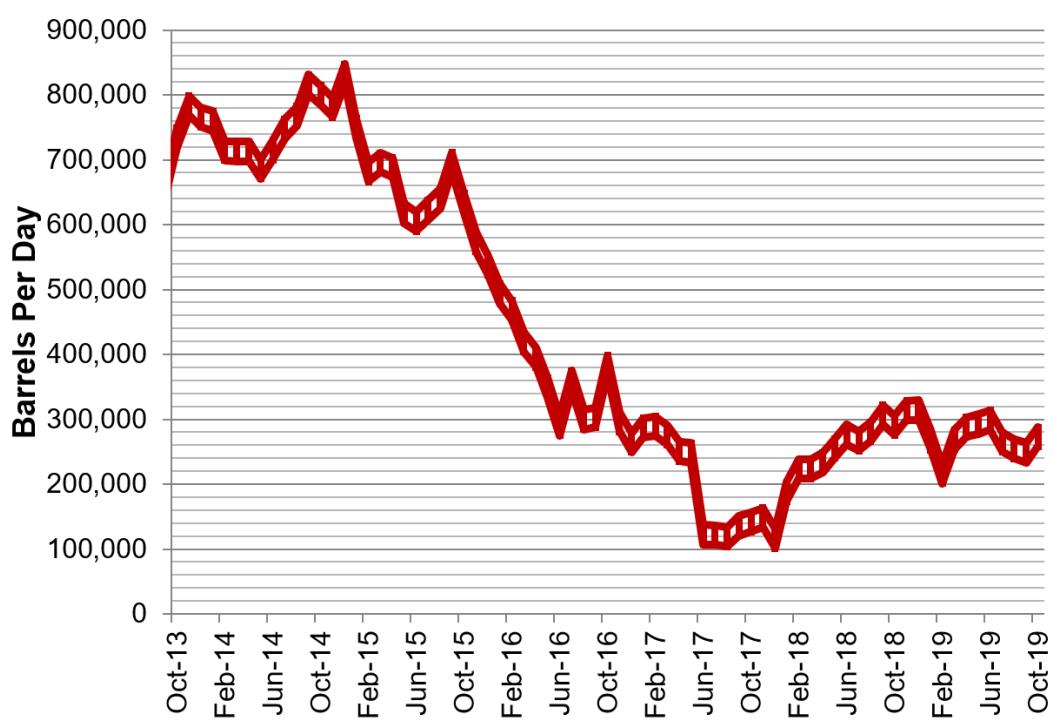
83% CAPTURED & SOLD

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

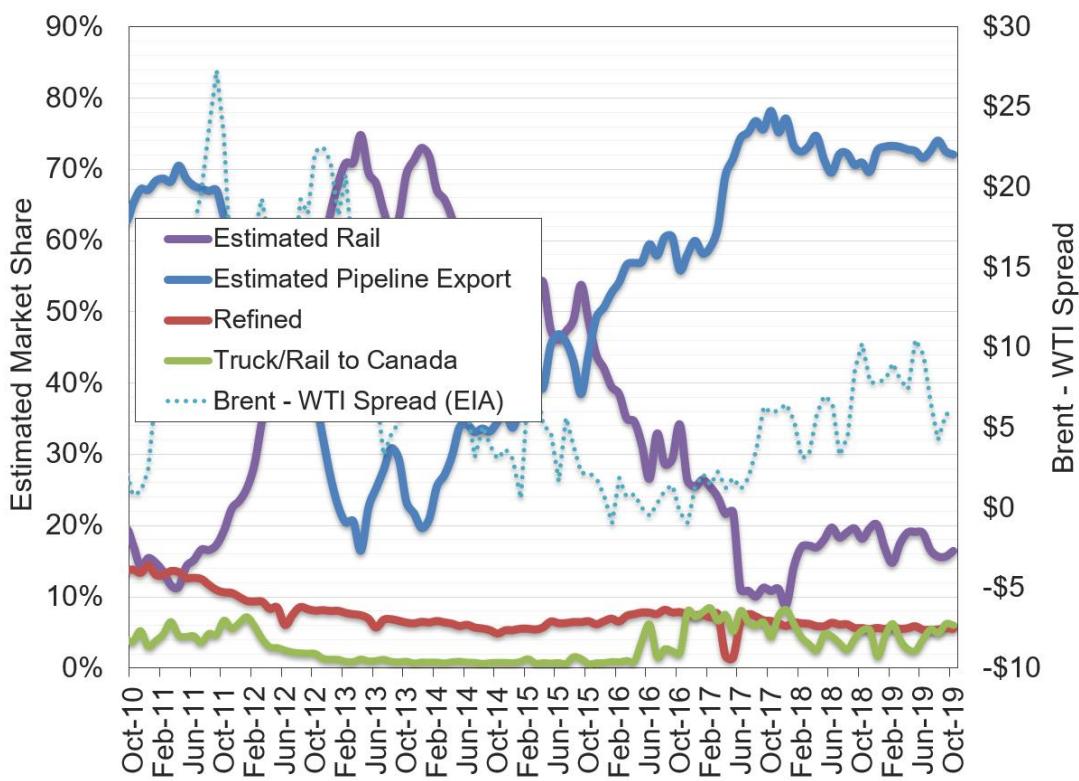
3% FLARED FROM WELL
WITH ZERO SALES

*OCT. 2019 NON-CONF DATA

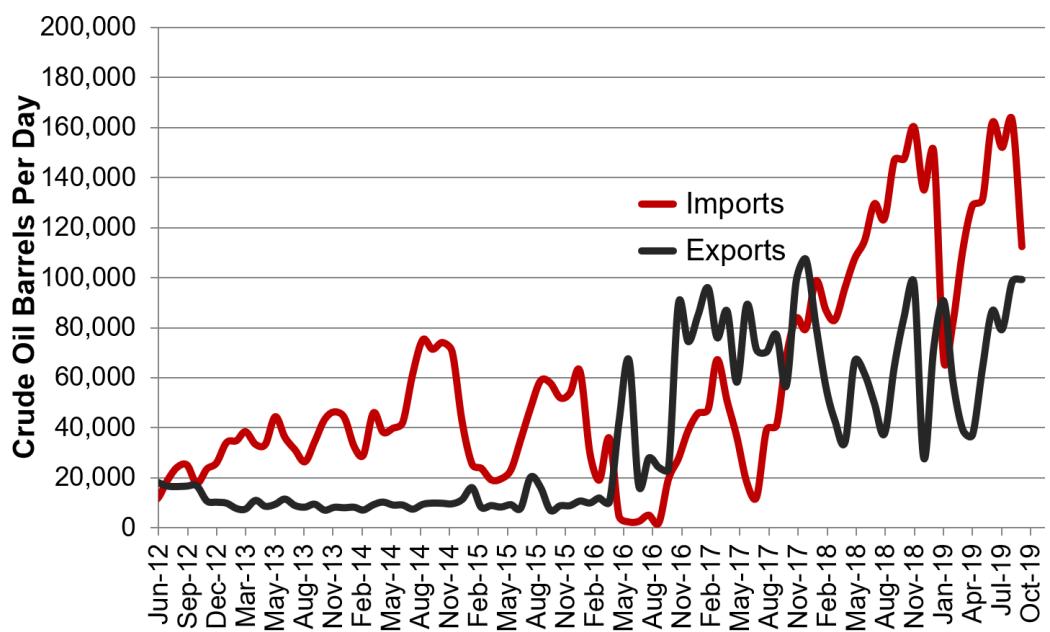
Estimated North Dakota Rail Export Volumes



Estimated Williston Basin Oil Transportation

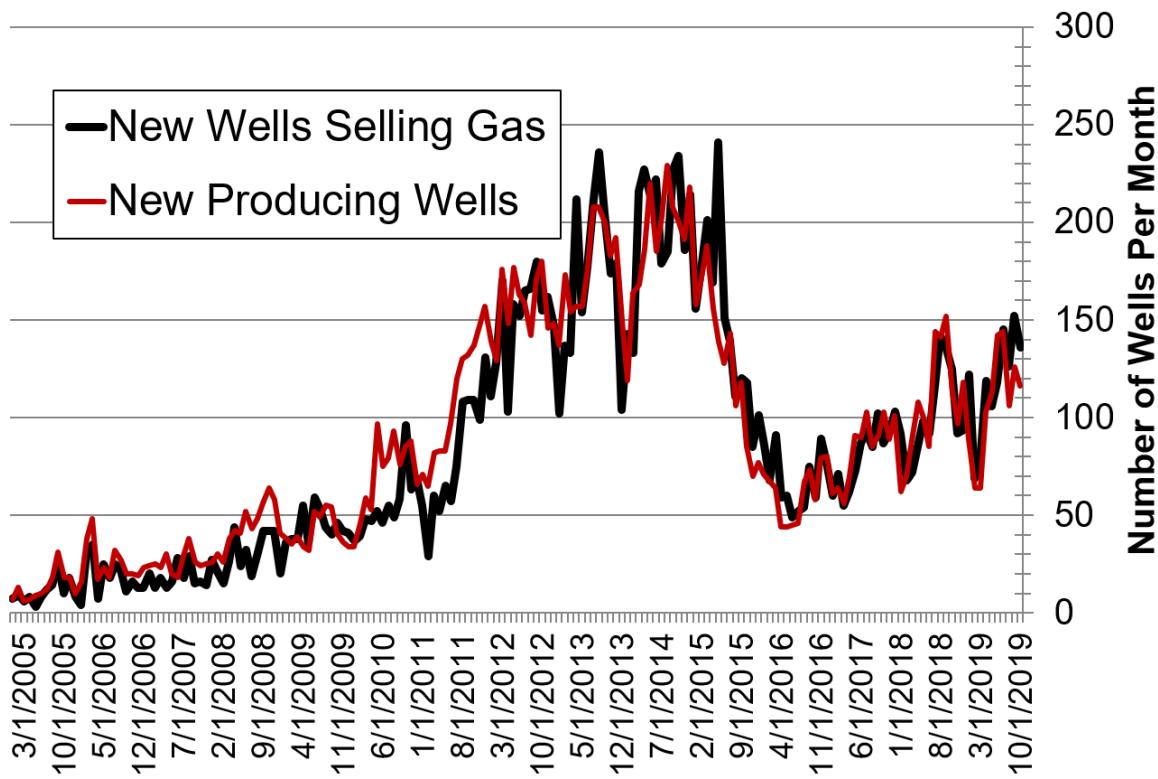


Williston Basin Truck/Rail Imports and Exports with Canada



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

MONTH	ND	EASTERN MT*	SD	TOTAL
January	1,177,590	50,147	3,555	1,231,291
February	1,175,035	50,927	3,628	1,229,589
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	53,768	3,471	1,304,919
June	1,231,099	54,012	3,452	1,288,562
July	1,269,212	53,192	3,396	1,325,799
August	1,292,457	57,064	3,485	1,353,006
September	1,359,238	57,310	3,490	1,420,038
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	57,565	3,276	1,464,728
February	1,336,672	54,660	3,339	1,394,671
March	1,394,130	56,222	3,256	1,453,608
April	1,392,578	57,678	3,231	1,453,486
May	1,395,029	53,945	3,092	1,452,066
June	1,425,263	47,747	3,122	1,476,132
July	1,445,865	44,687	3,128	1,451,994
August	1,480,475		3,124	
September	1,443,980		3,059	
October	1,517,796			
November				
December				

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