



**April 2020 Monthly Update**  
**North Dakota Pipeline Authority**  
**Justin J. Kringstad**  
**April 14, 2020**

# US Williston Basin Oil Production - 2019

MONTH	ND	Eastern MT*	SD	TOTAL
January	1,403,891	57,567	3,341	1,464,799
February	1,336,674	54,637	3,401	1,394,712
March	1,394,124	56,526	3,314	1,453,964
April	1,392,564	63,707	3,283	1,459,554
May	1,395,018	62,512	3,124	1,460,654
June	1,425,210	59,158	3,152	1,487,520
July	1,445,864	55,098	3,129	1,504,090
August	1,481,008	54,923	3,149	1,539,080
September	1,443,964	55,516	3,087	1,502,567
October	1,518,588	59,107	3,083	1,580,778
November	1,519,037	58,702	3,208	1,580,947
December	1,476,777	55,520	3,087	1,535,384

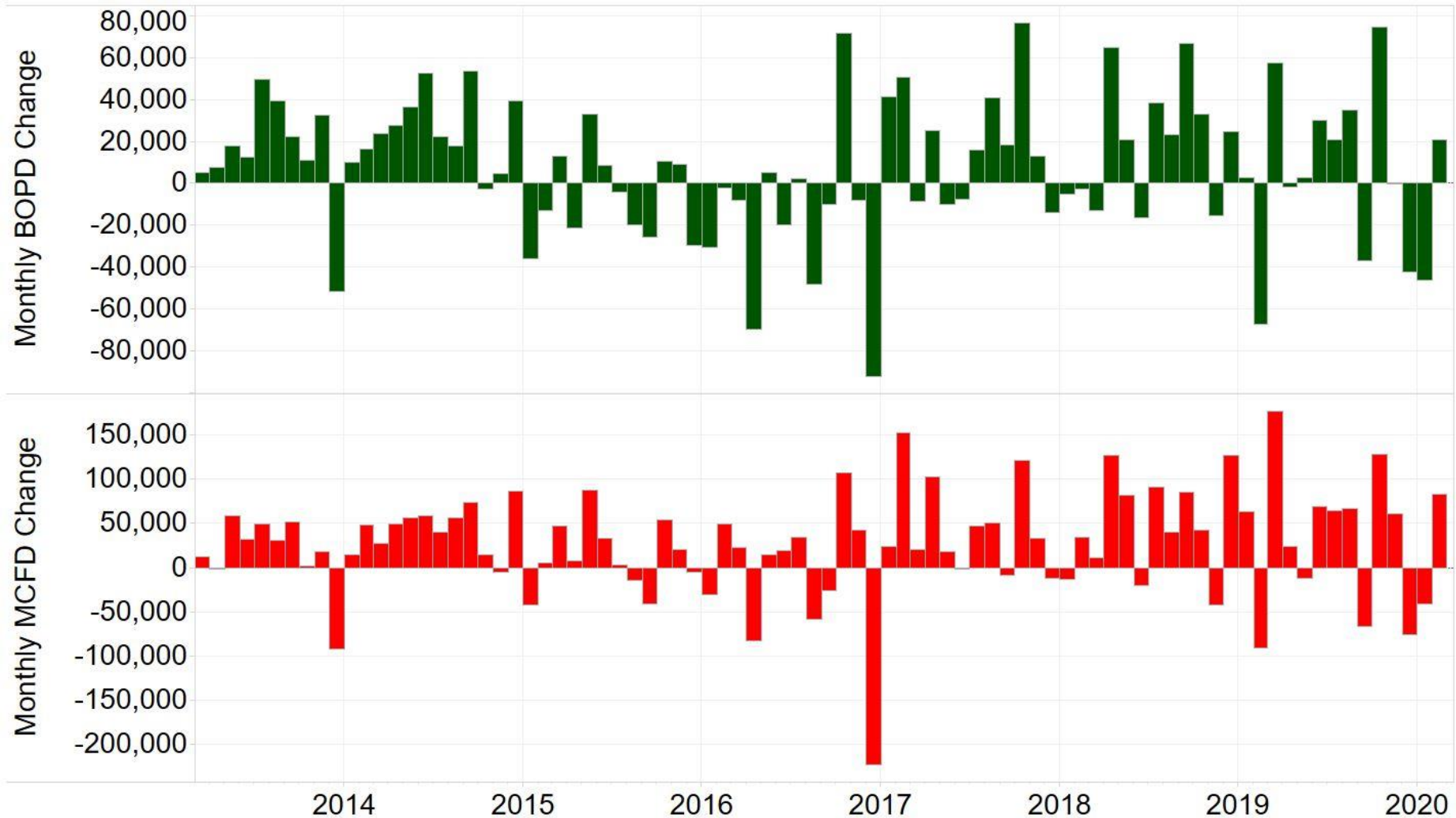


# US Williston Basin Oil Production - 2020

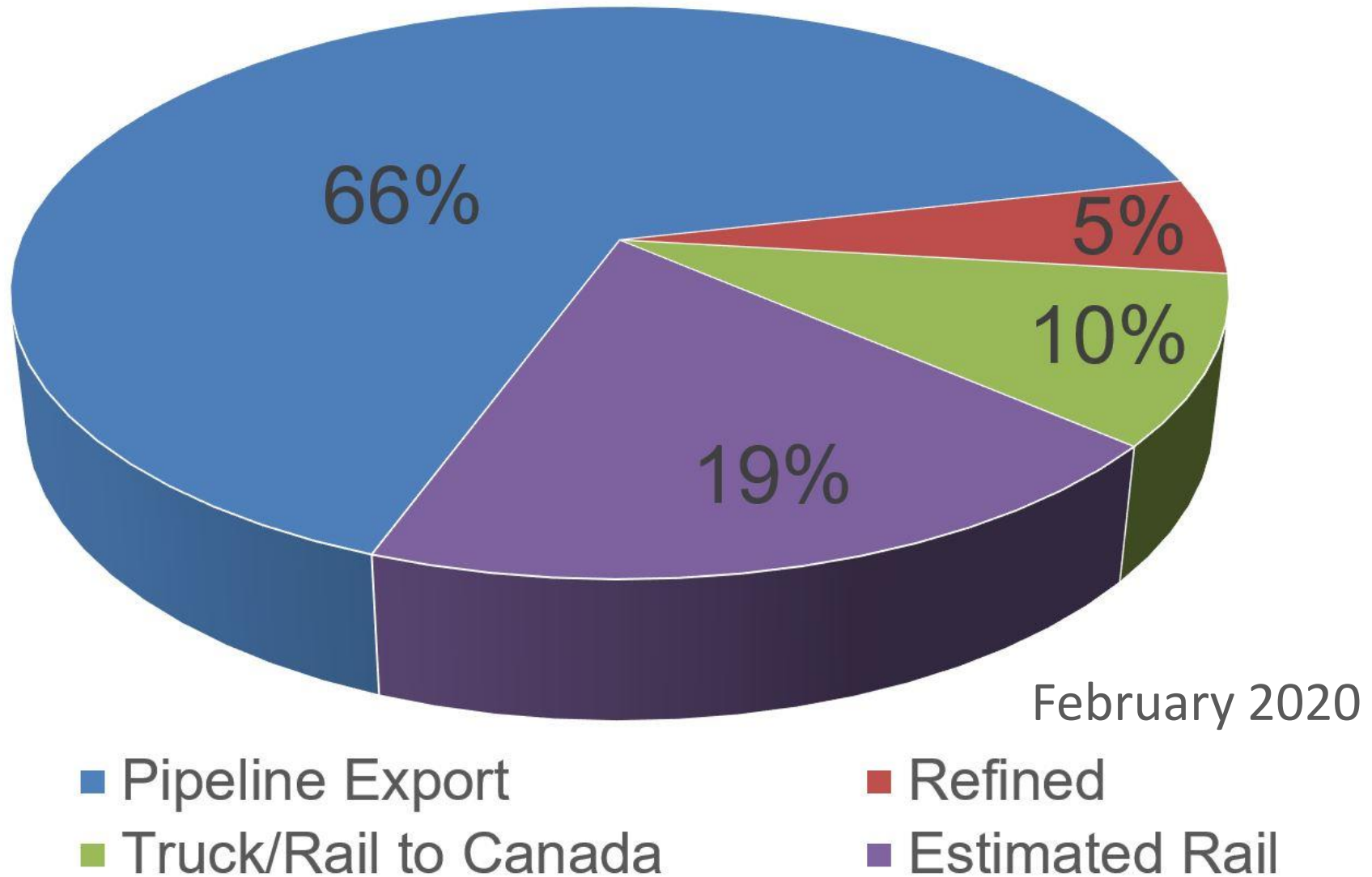
<b>MONTH</b>	<b>ND</b>	<b>Eastern MT*</b>	<b>SD</b>	<b>TOTAL</b>
January	1,430,511		3,091	
February	1,451,029			
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				



# Monthly Production Change

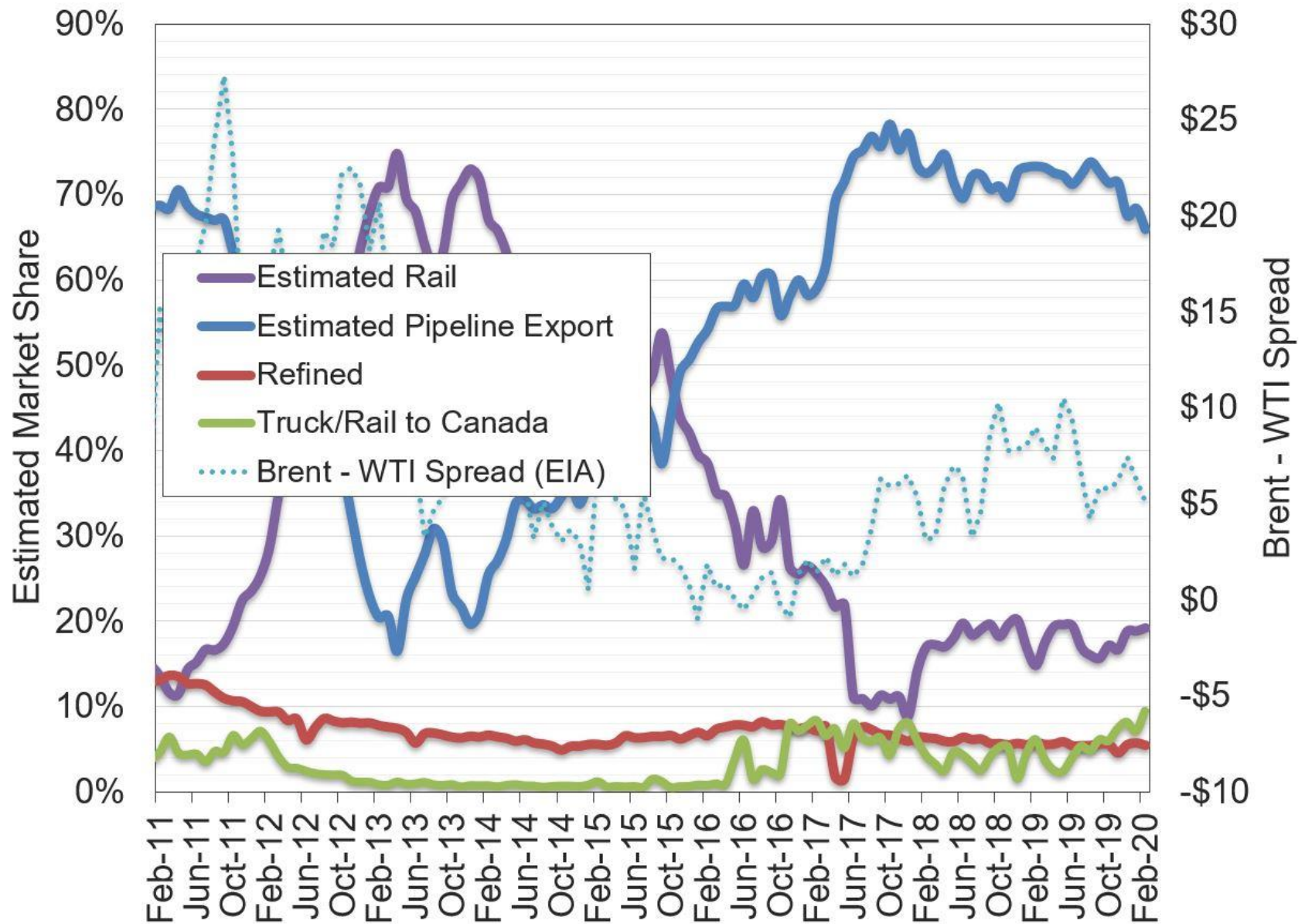


# Estimated Williston Basin Oil Transportation

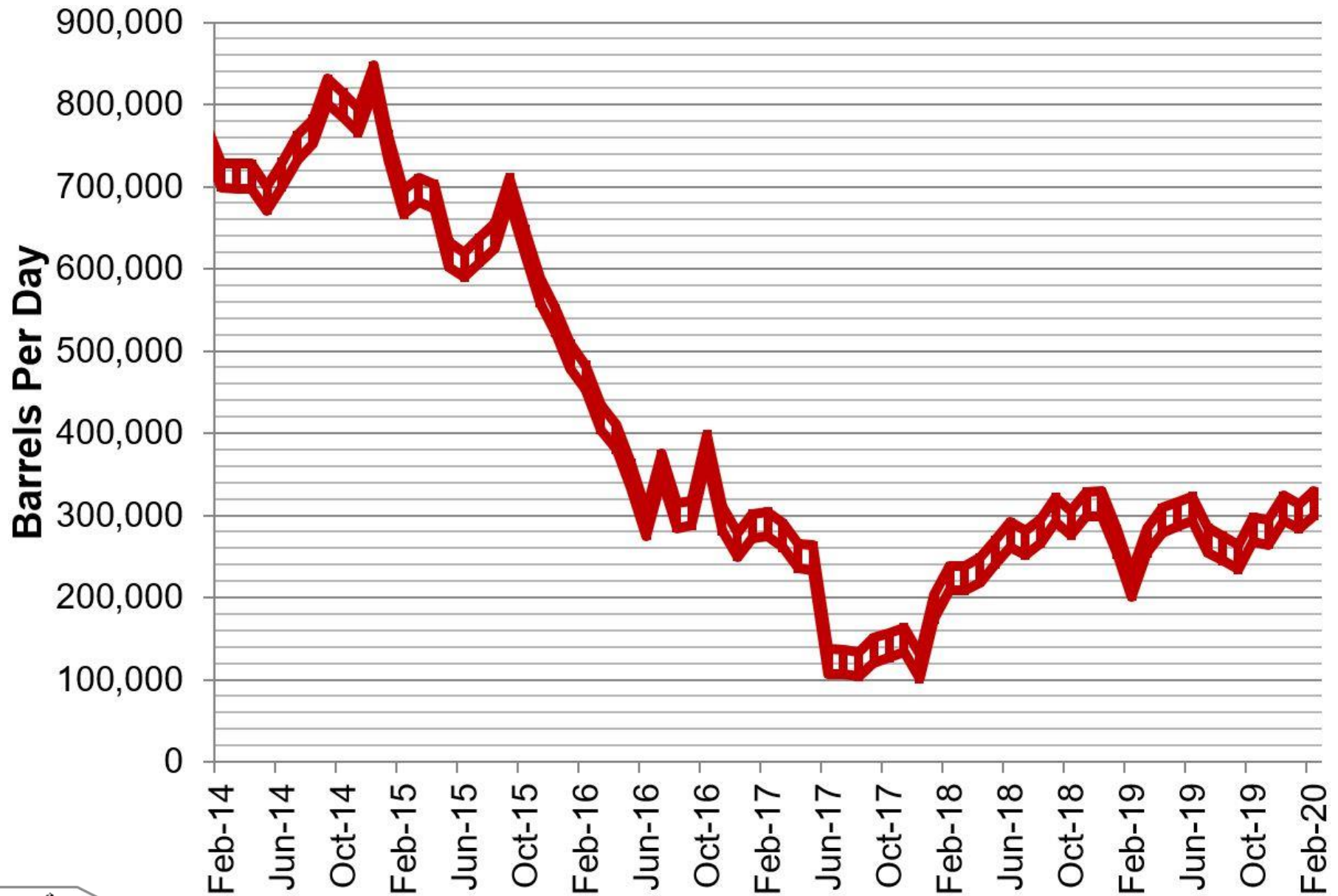




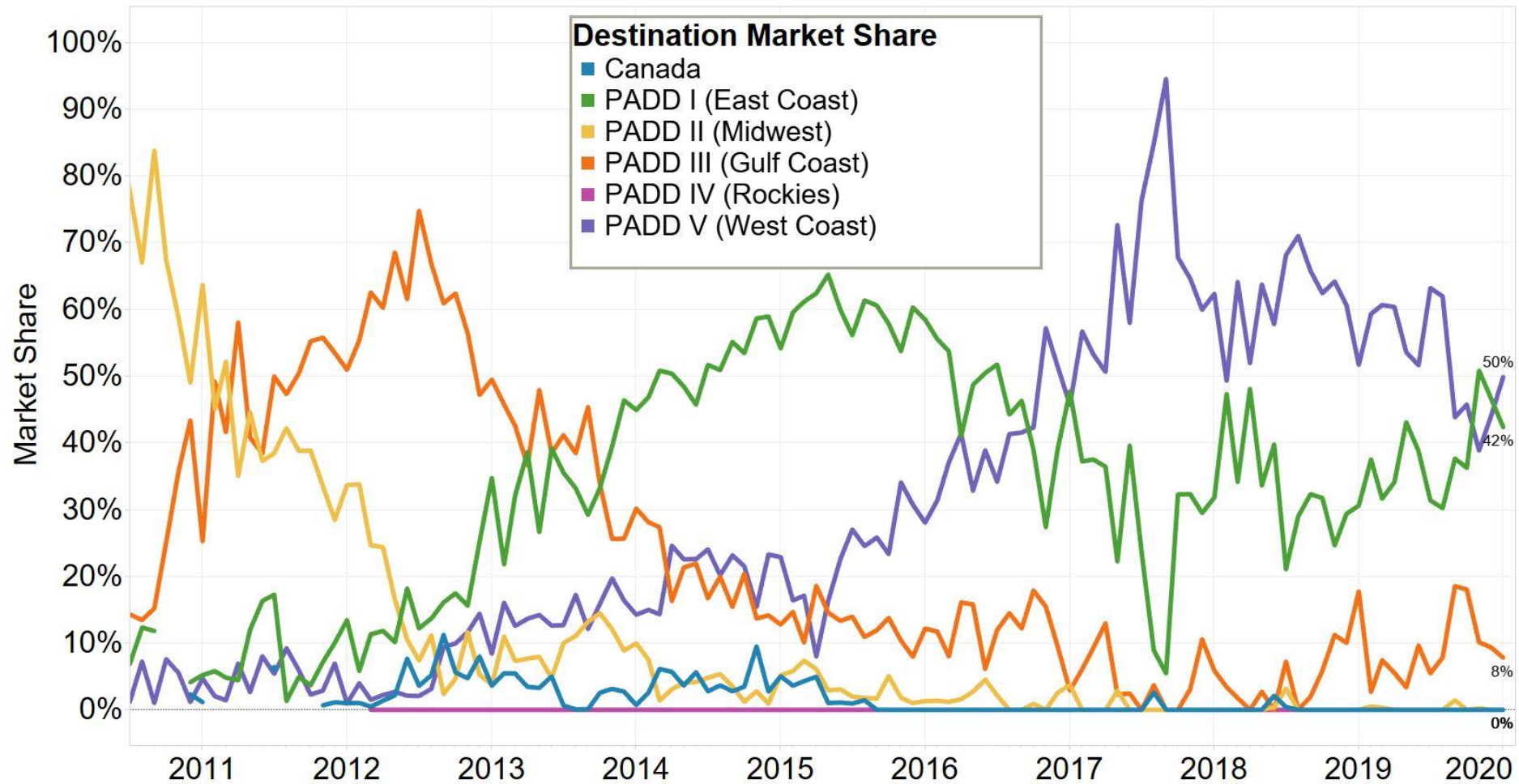
# Estimated Williston Basin Oil Transportation



# Estimated ND Rail Export Volumes



# Rail Destinations Market Share (Jan 2020)

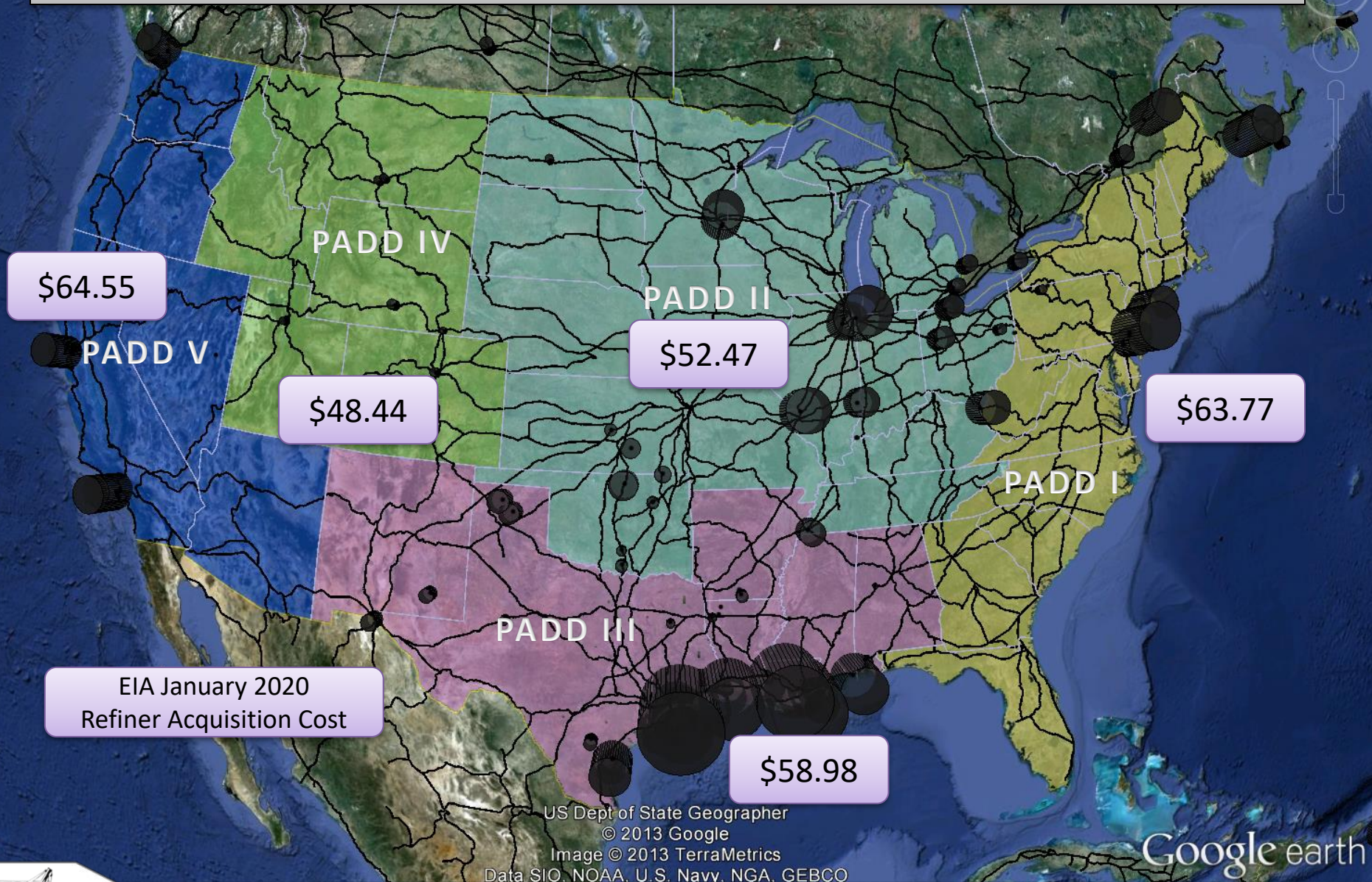


*Data for Rail Destination Market Share Provided by the US Energy Information Administration*



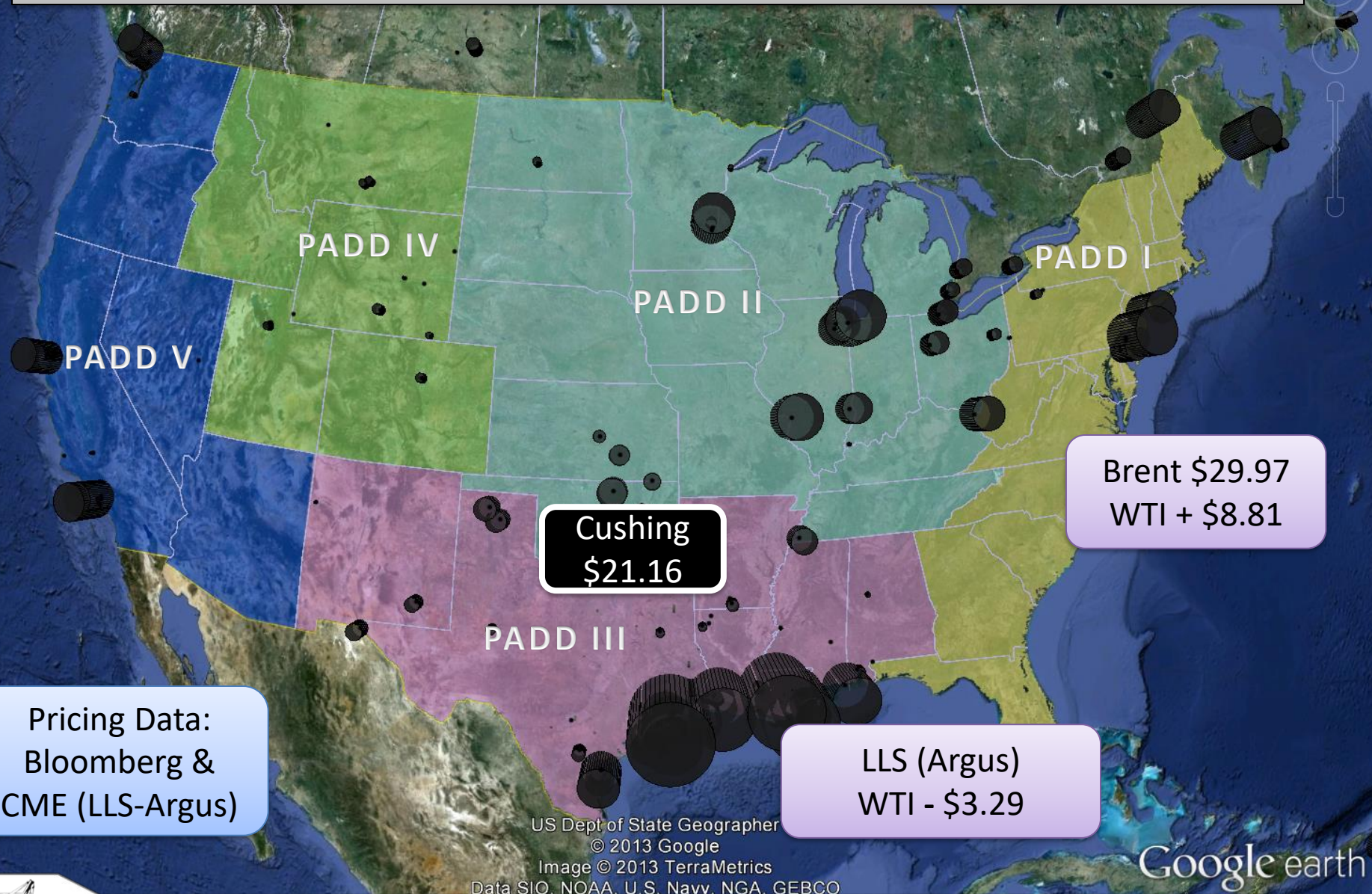


# Major Rail Lines and Refineries

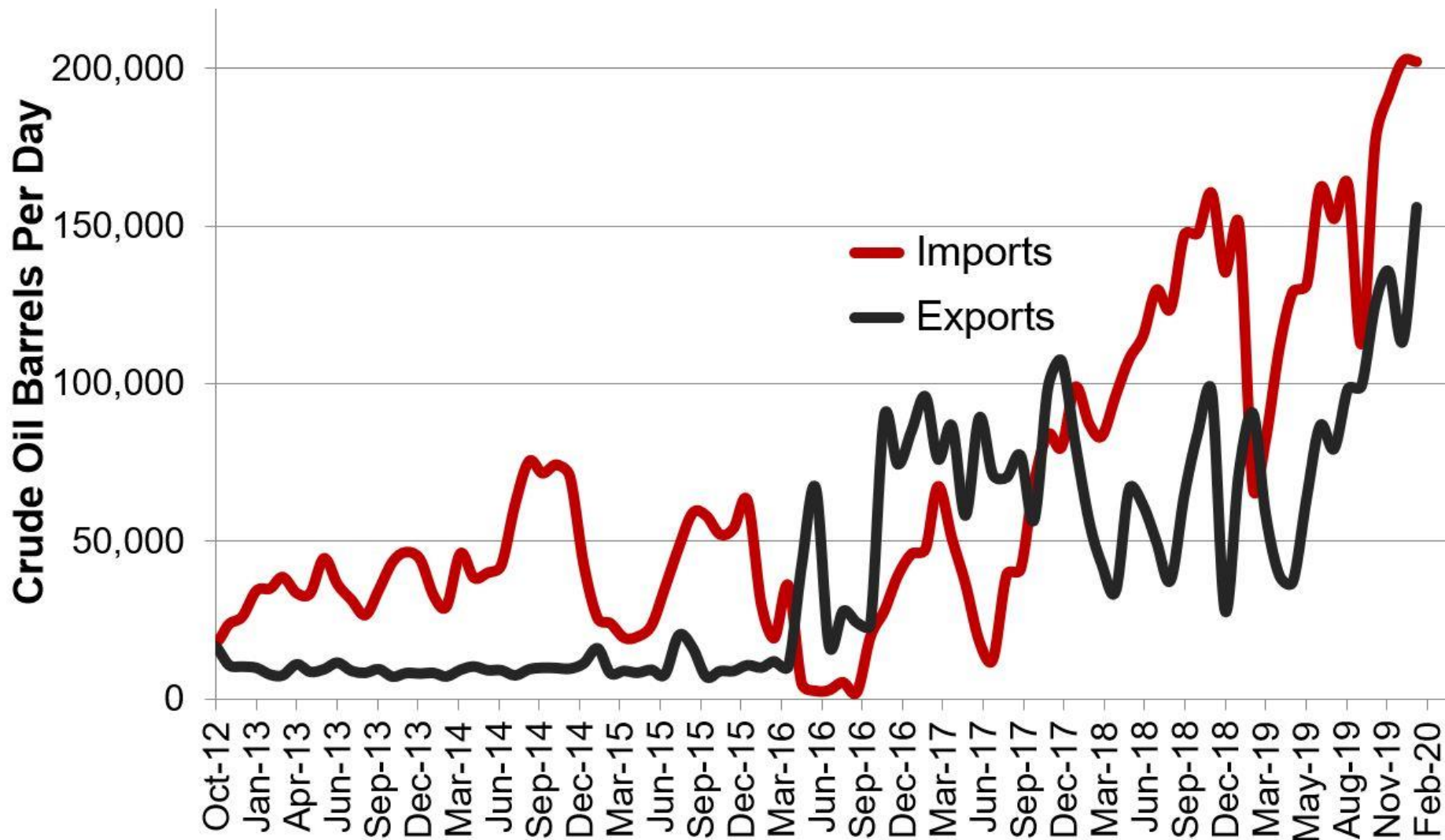




# Crude Oil Prices – Apr. 14, 2020



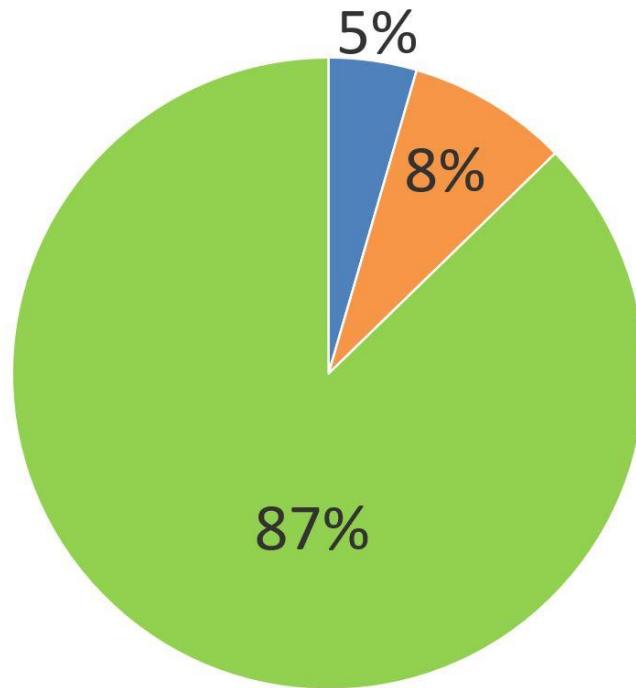
# Williston Basin Truck/Rail Imports and Exports with Canada



***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.***



# Solving the Flaring Challenge



Statewide

**GREEN** – % of gas captured and sold  
**Blue** – % flared from zero sales wells  
**Orange** – % flared from wells with at least one mcf sold.

## Simple Terms

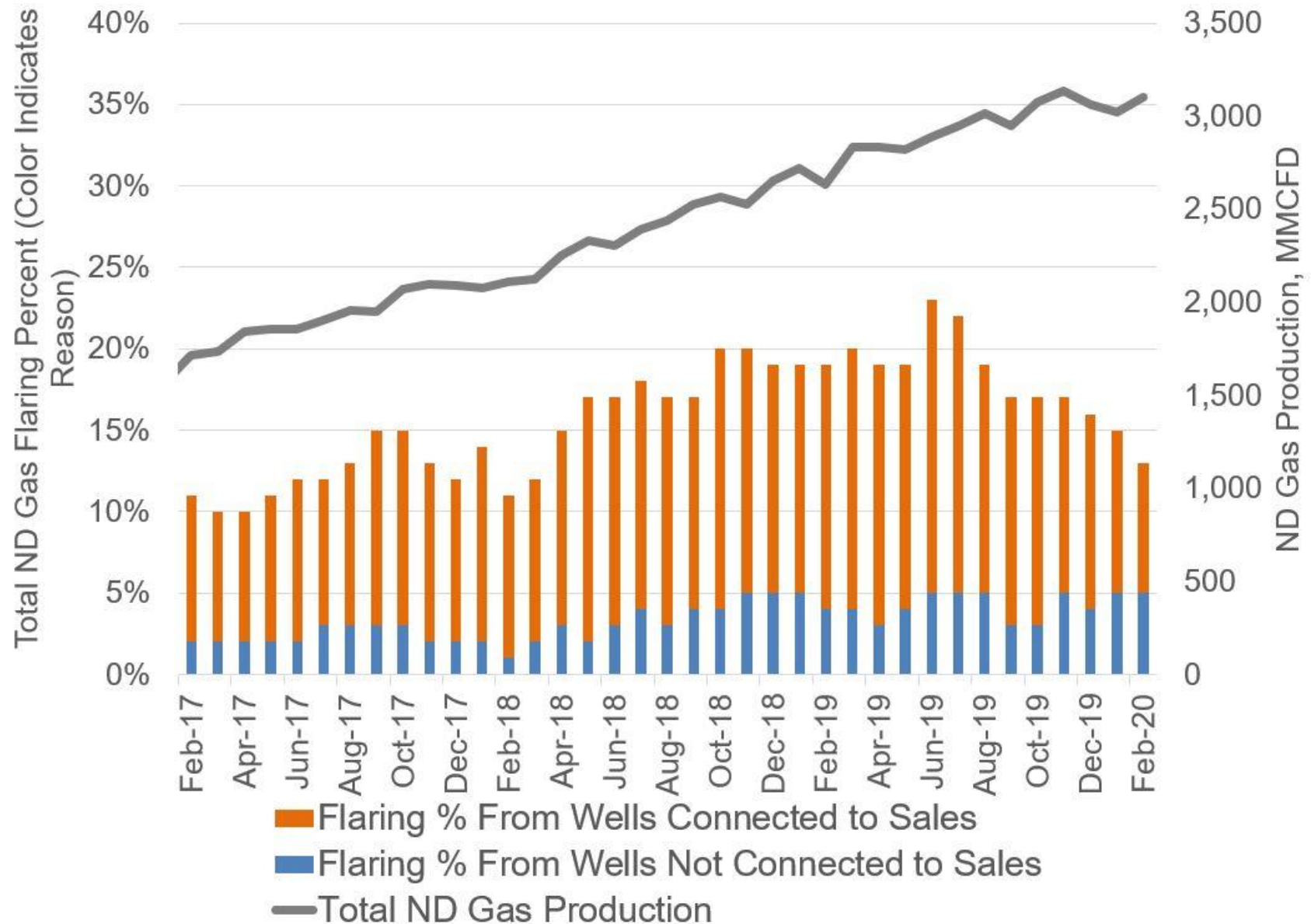
**Blue** – Lack of pipelines  
**Orange** – Challenges on existing infrastructure

Feb. 2020 Data – Non-Confidential Wells

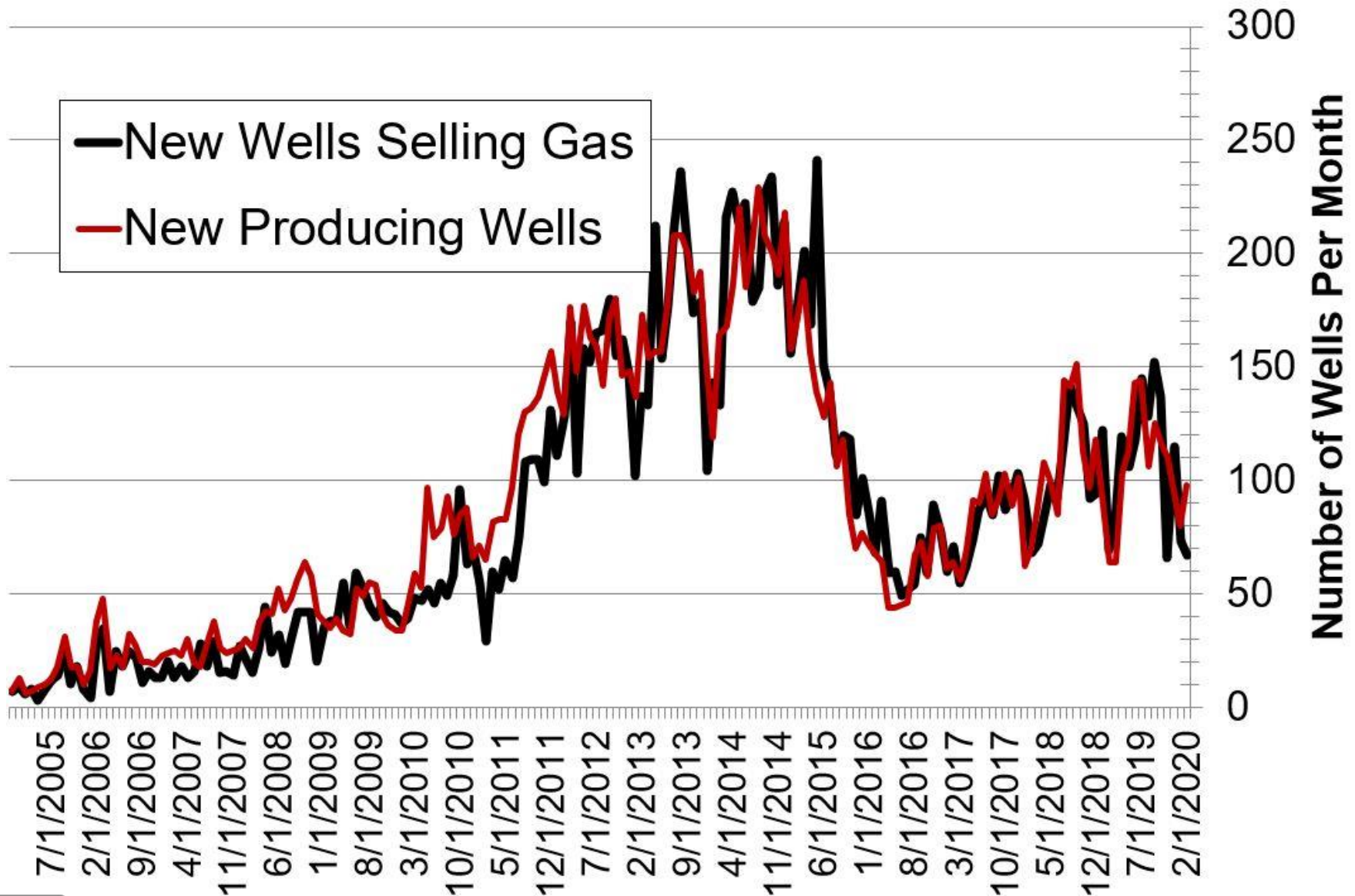




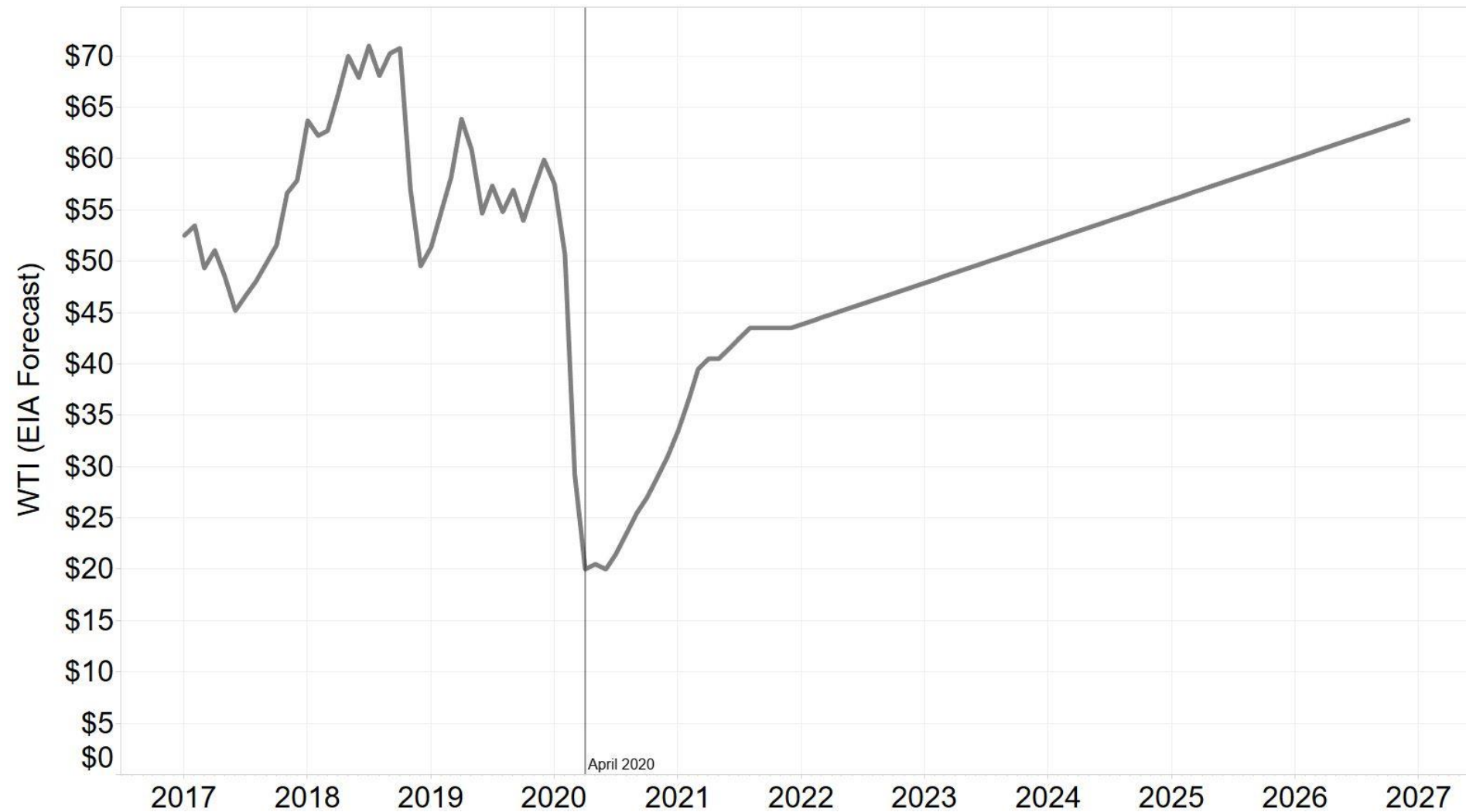
# Solving the Flaring Challenge



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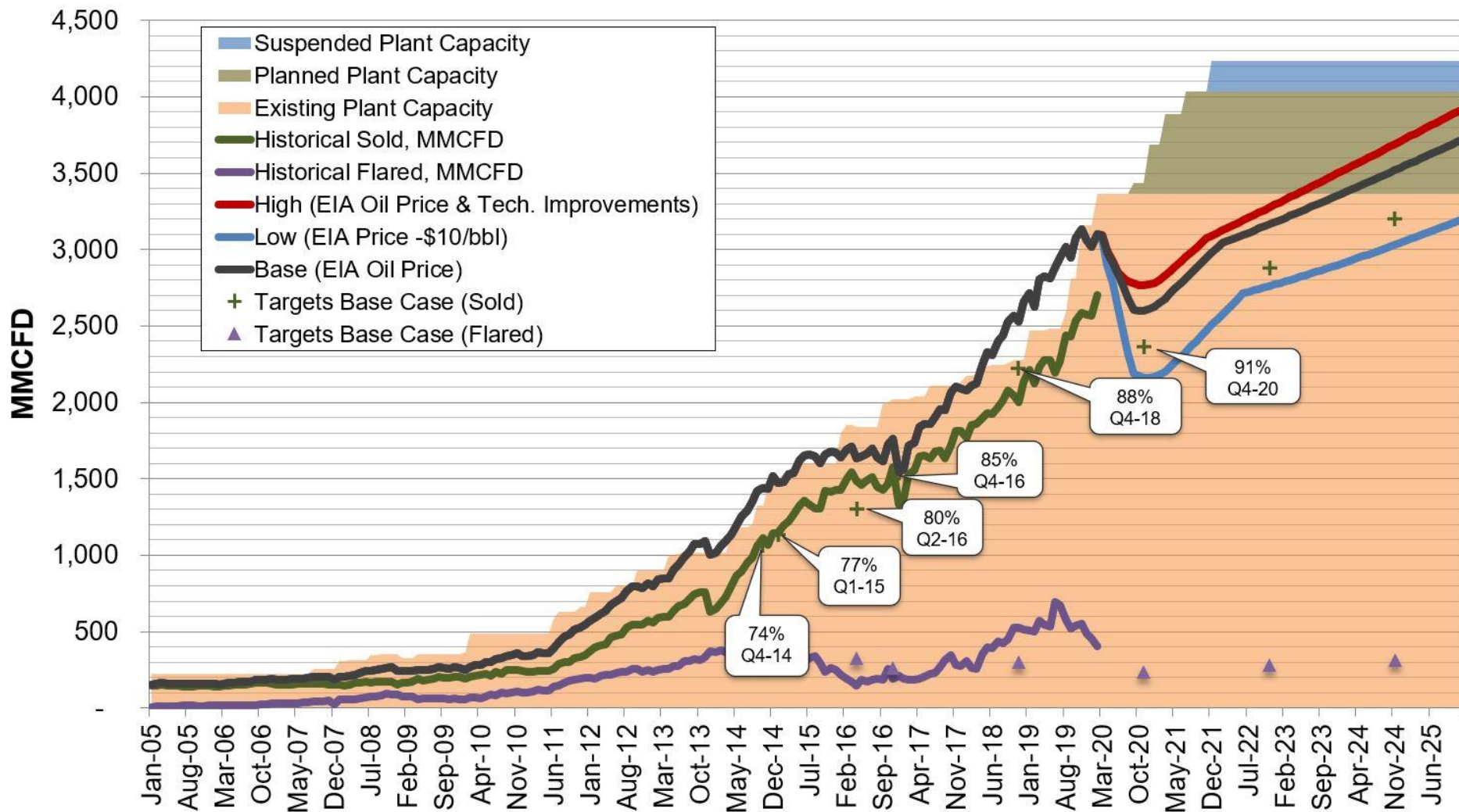
# EIA Oil Price Forecast\*



*\*EIA April 7, 2020 SEO and January 2020 AEO Blend*

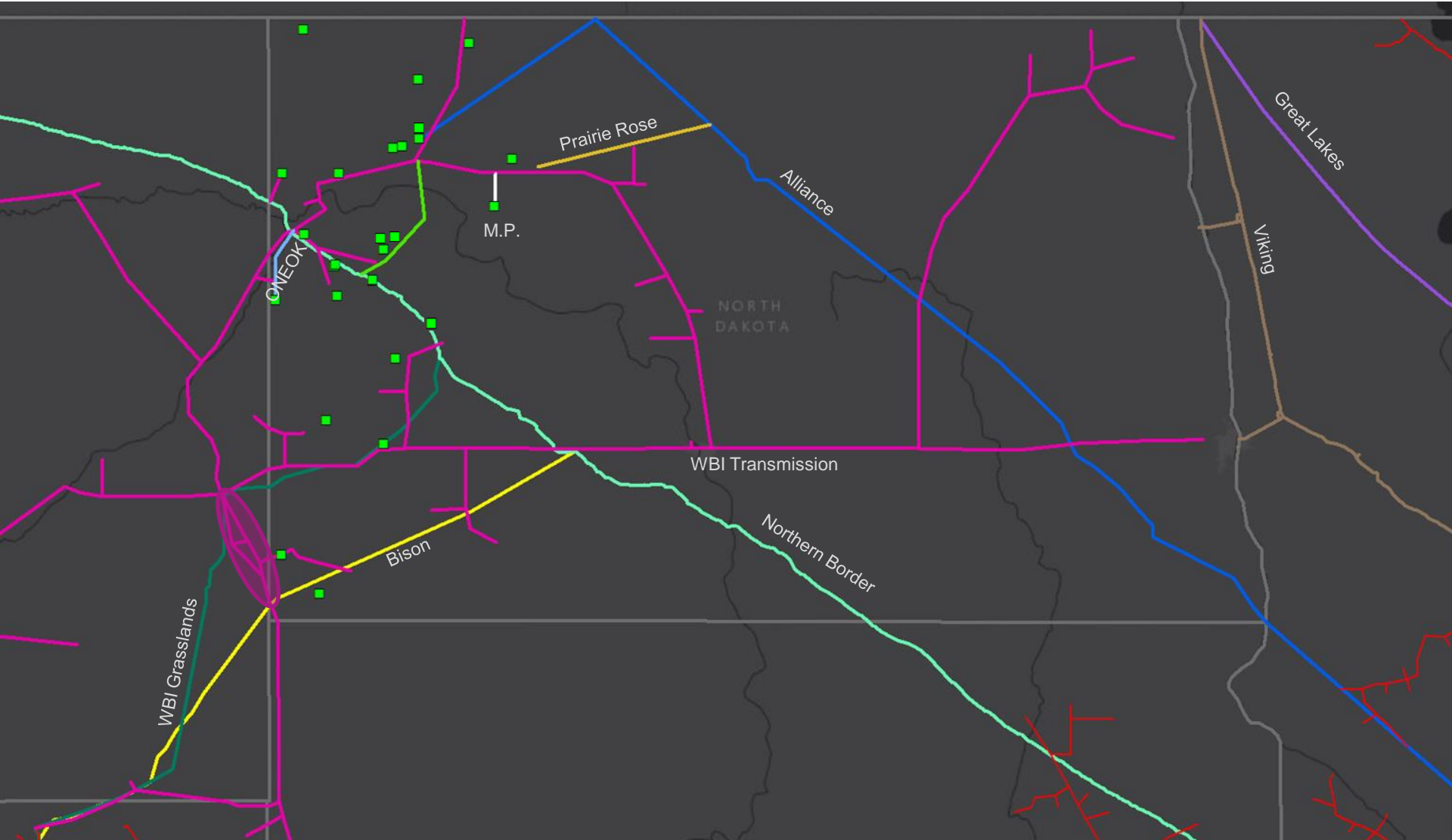


# Solving the Flaring Challenge





# Major Gas Pipeline and Processing Infrastructure



# Contact Information

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