



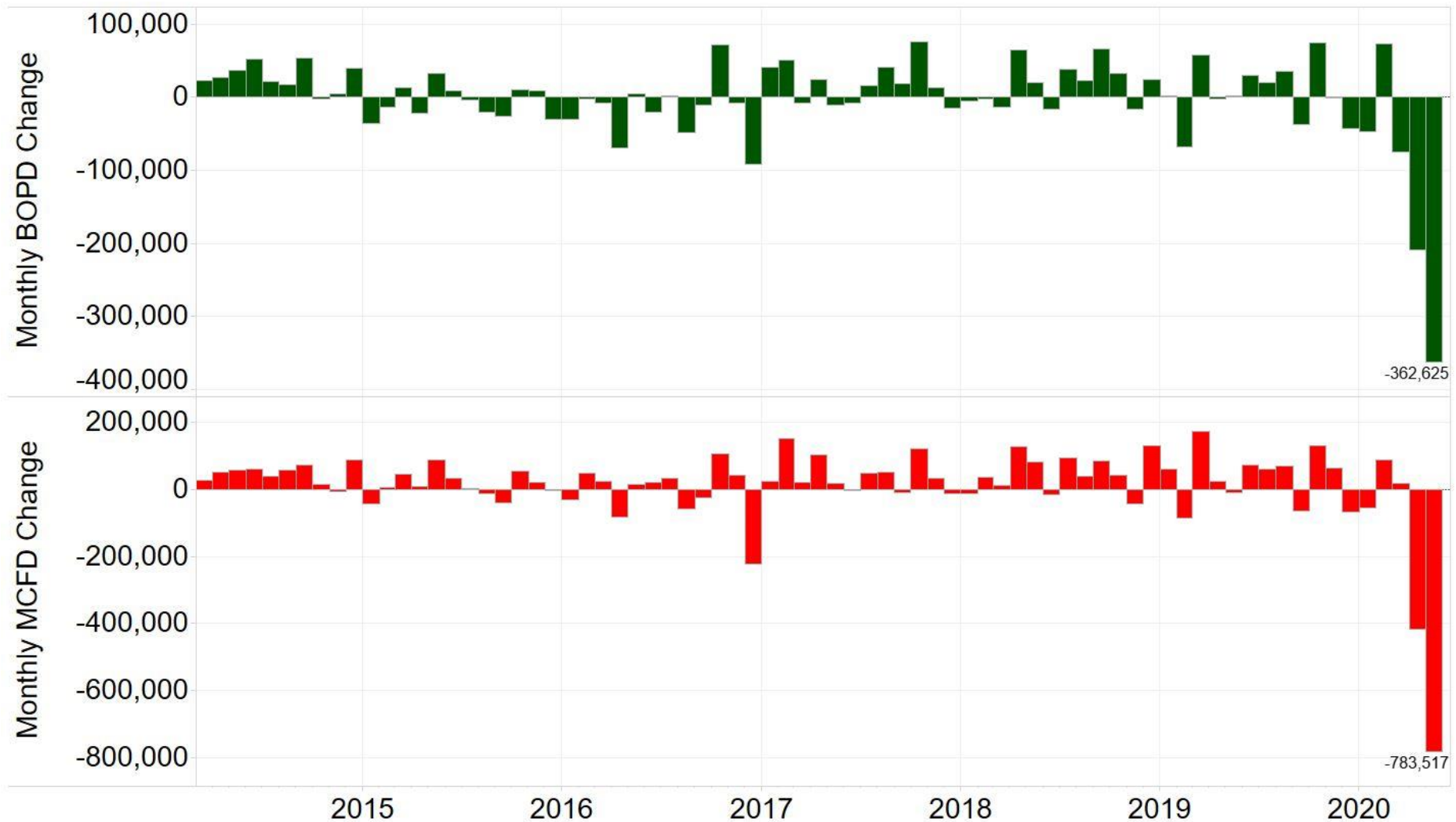
July 2020 Monthly Update  
North Dakota Pipeline Authority  
Justin J. Kringstad  
July 17, 2020

# US Williston Basin Oil Production - 2020

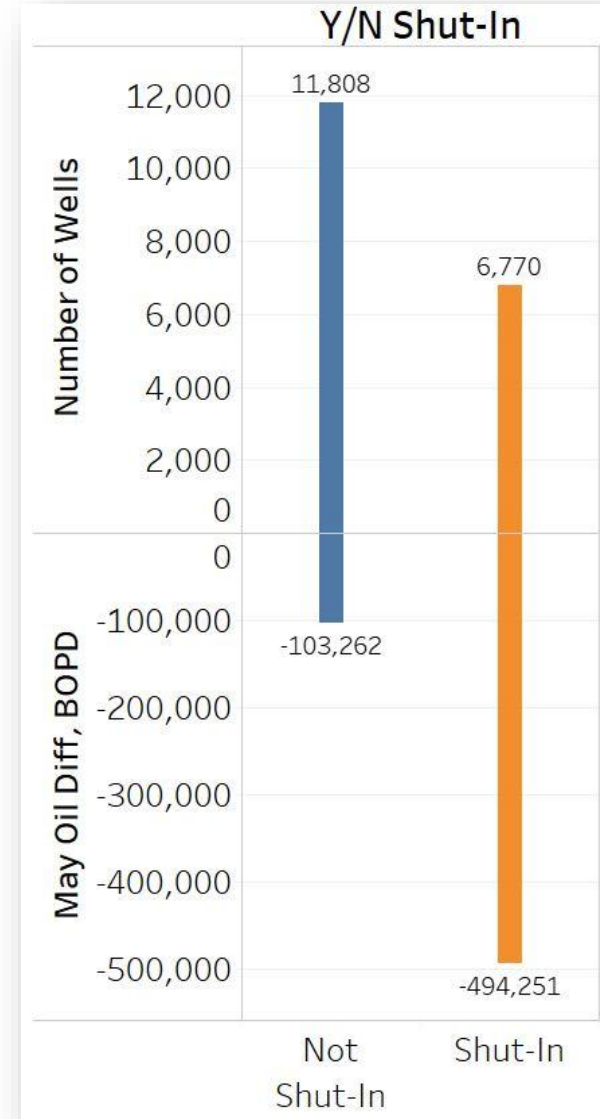
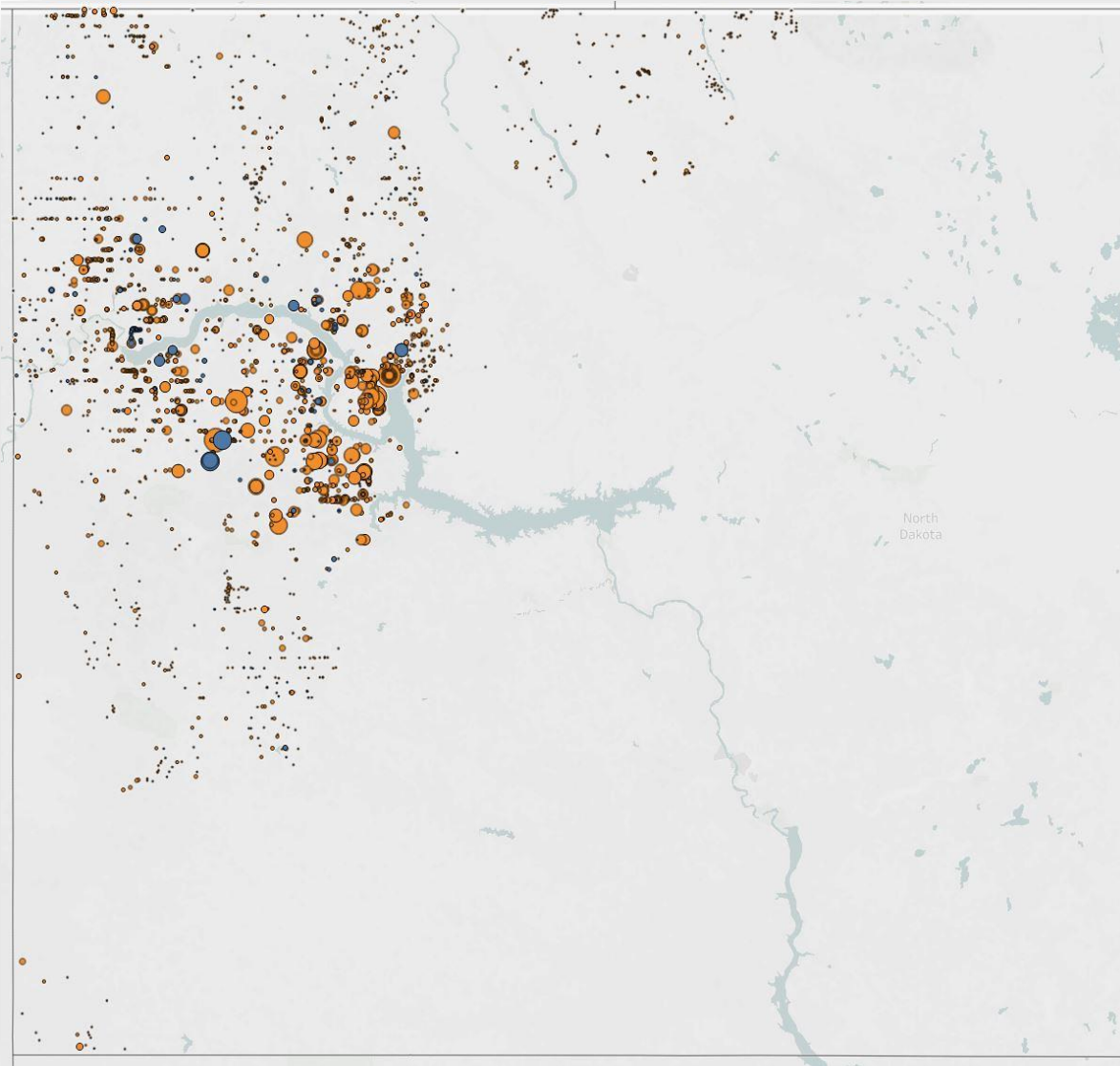
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,430,521	57,385	3,091	1,490,996
February	1,503,591	55,297	3,070	1,561,958
March	1,429,501	57,551	2,946	1,489,998
April	1,221,019	48,029	2,610	1,271,658
May	858,395			
June				
July				
August				
September				
October				
November				
December				



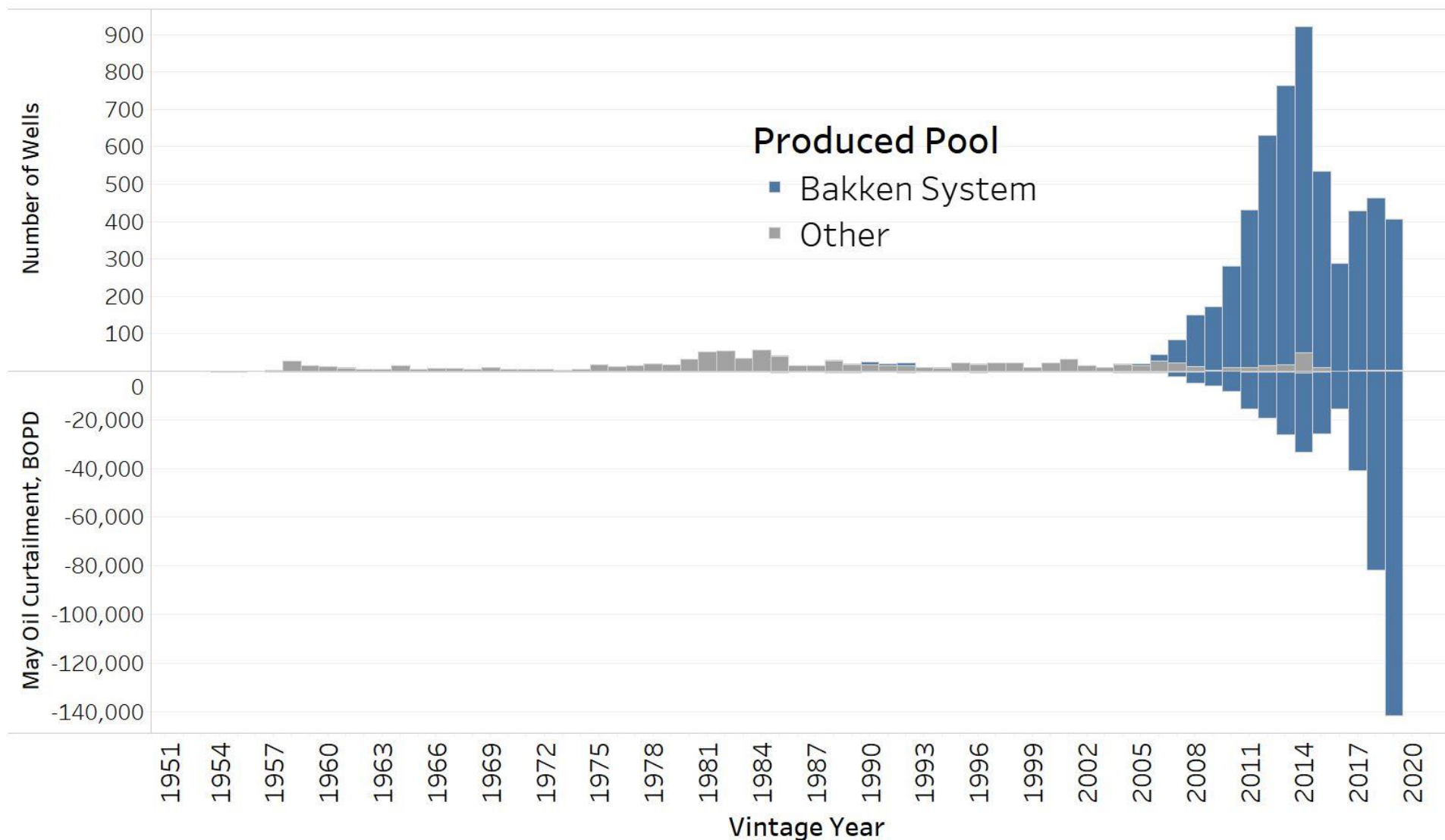
# Monthly Production Change



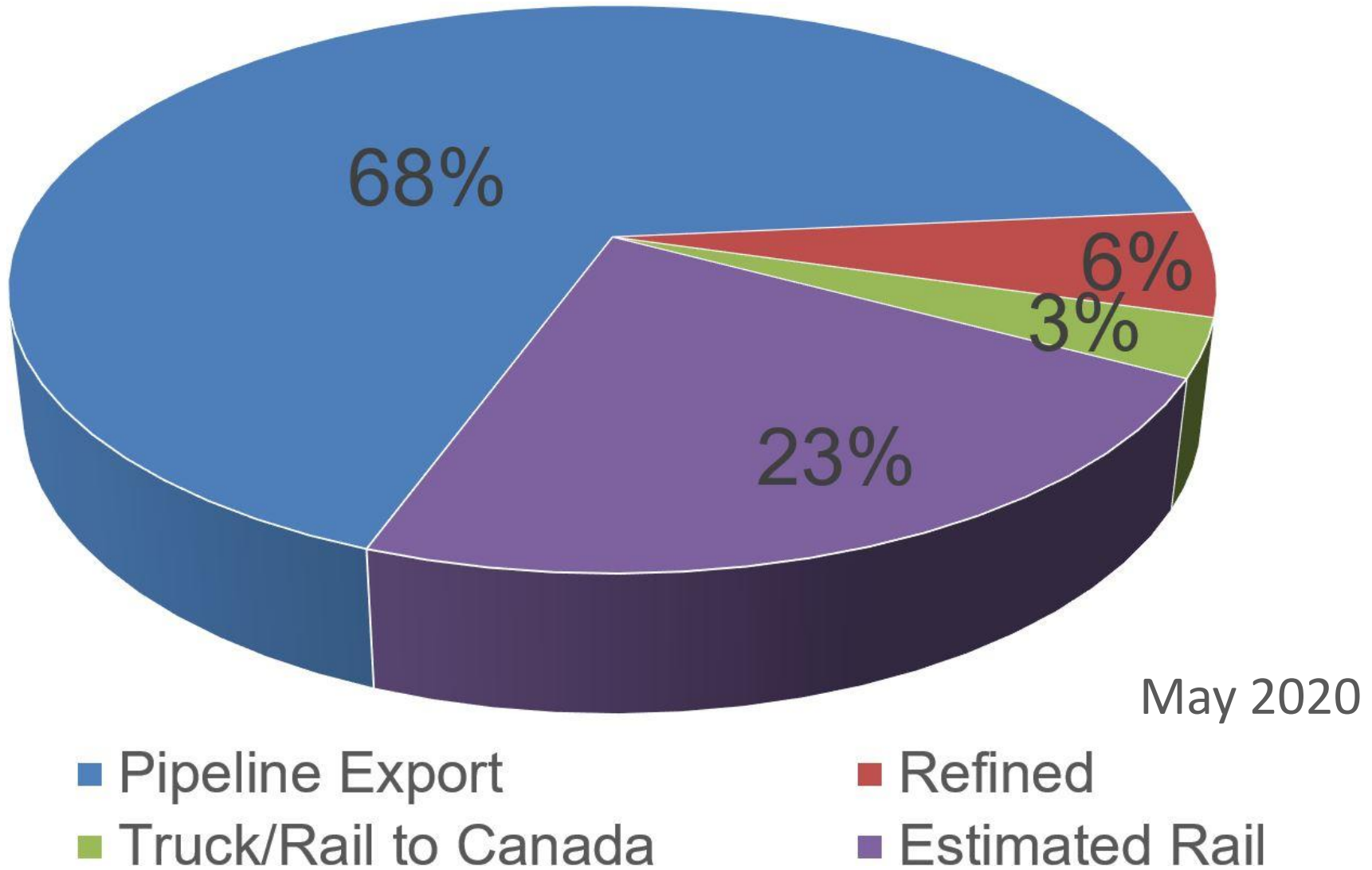
# March to May 75+% M-O-M Oil Drop



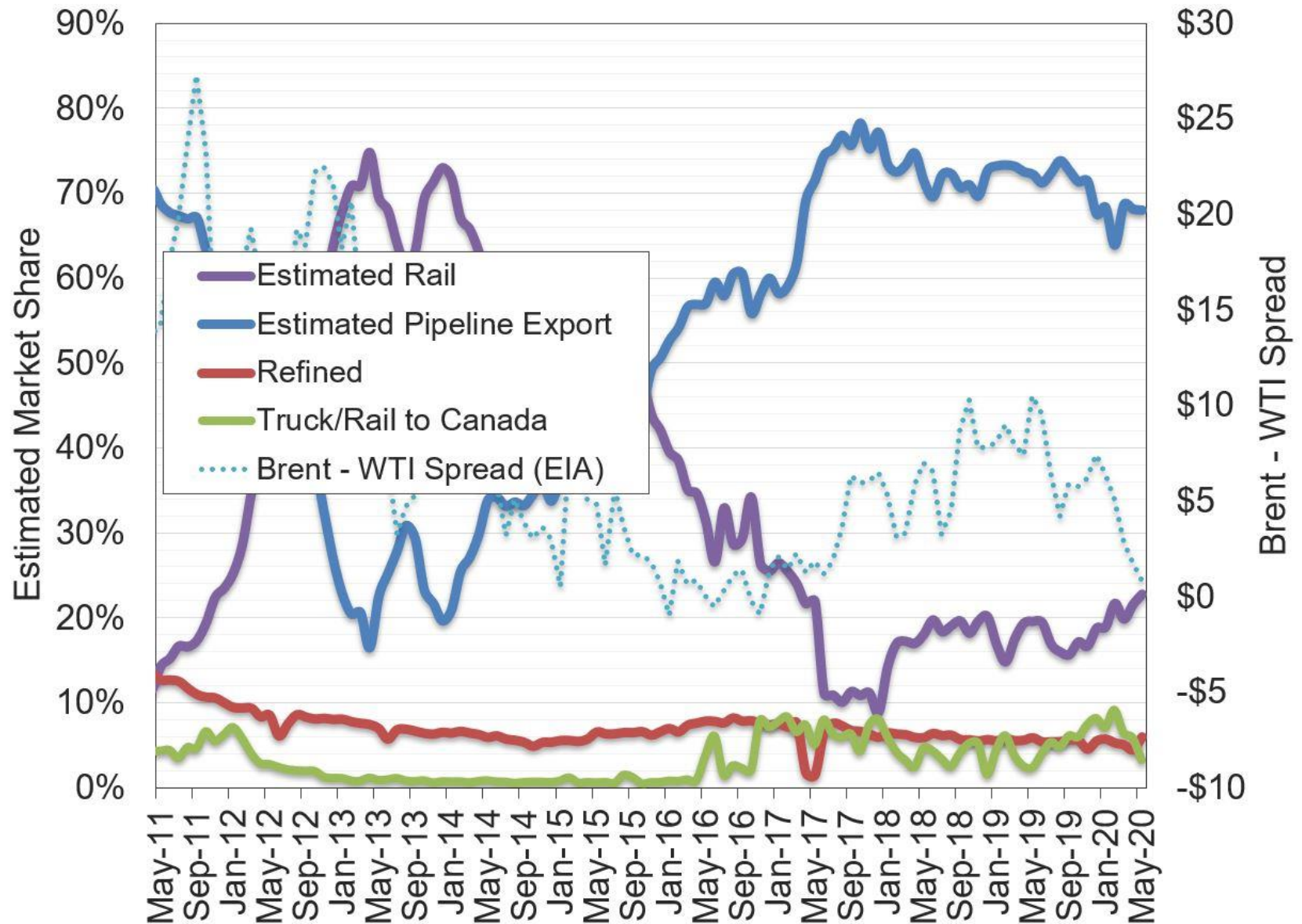
# Vintage Year of Shut-In Wells – May 2020



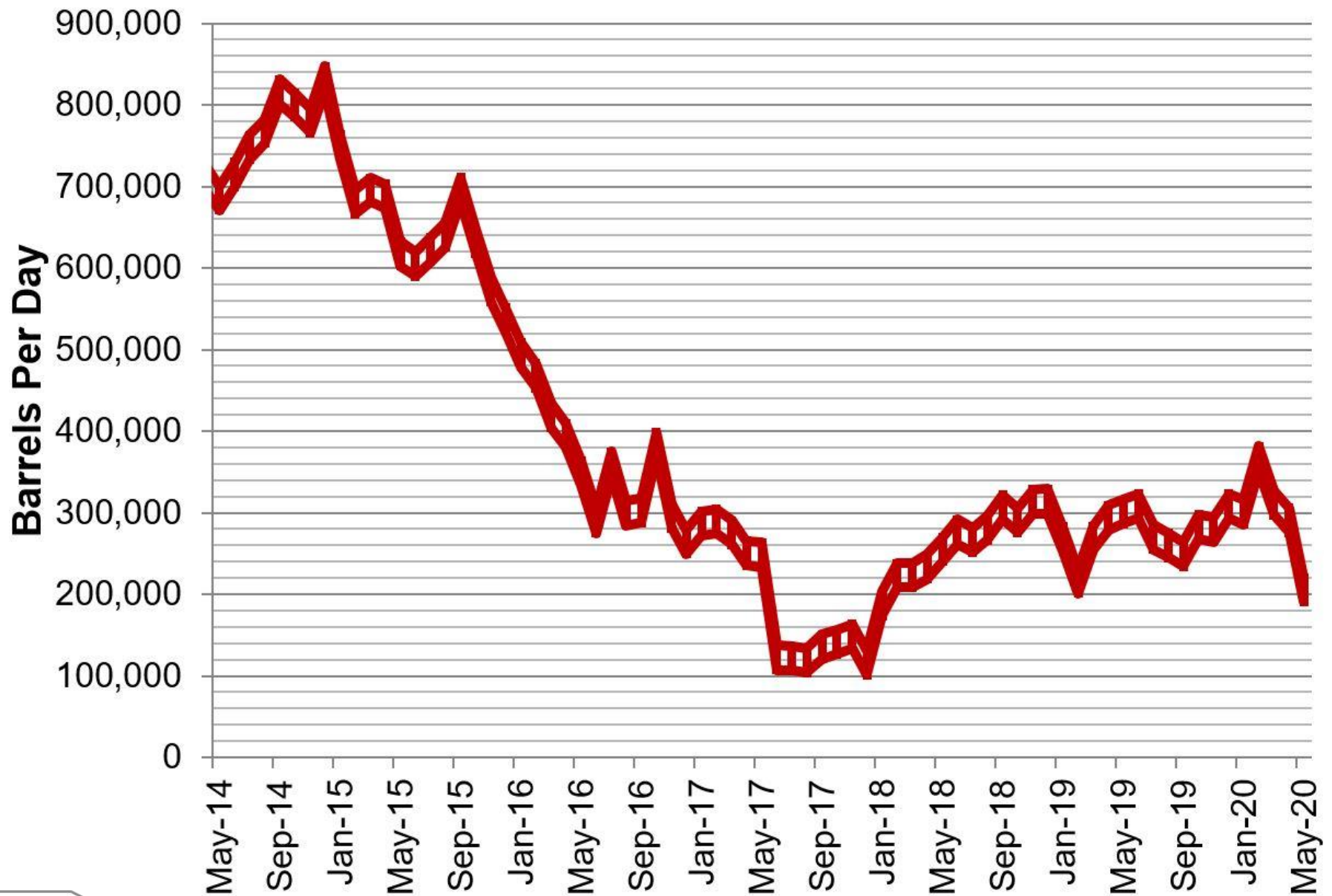
# Estimated Williston Basin Oil Transportation



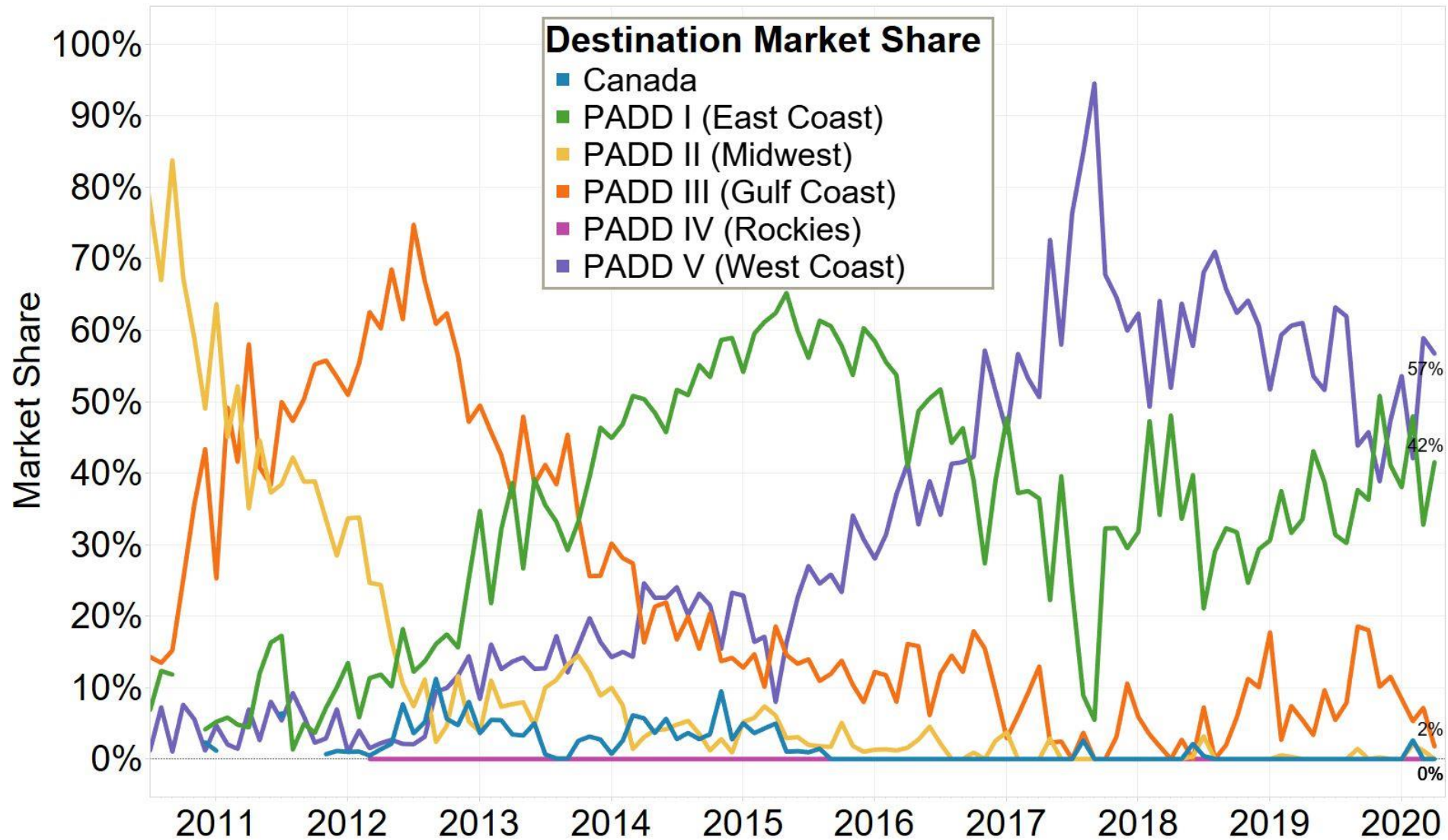
# Estimated Williston Basin Oil Transportation



# Estimated ND Rail Export Volumes



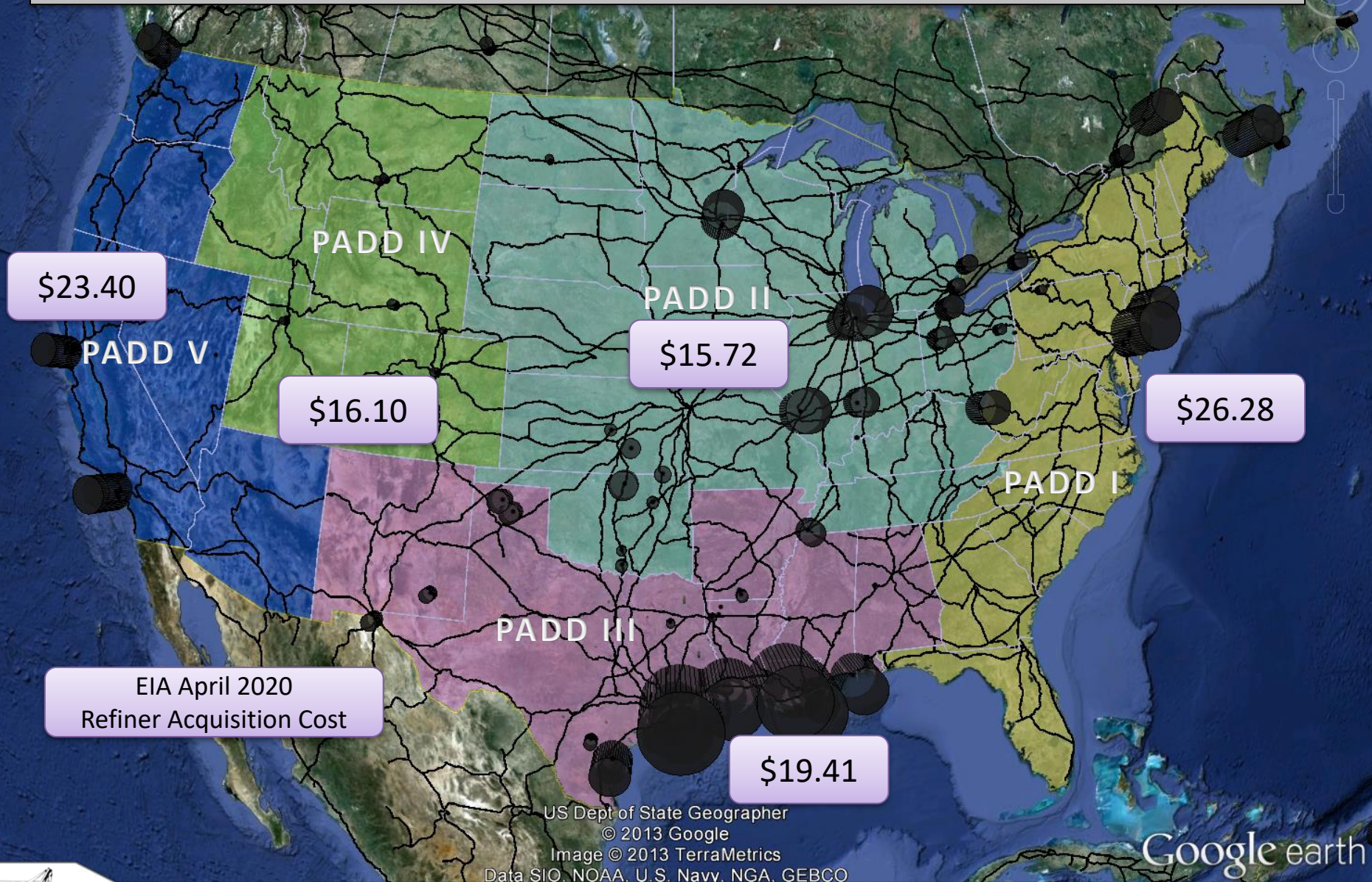
# Rail Destinations Market Share (Apr. 2020)



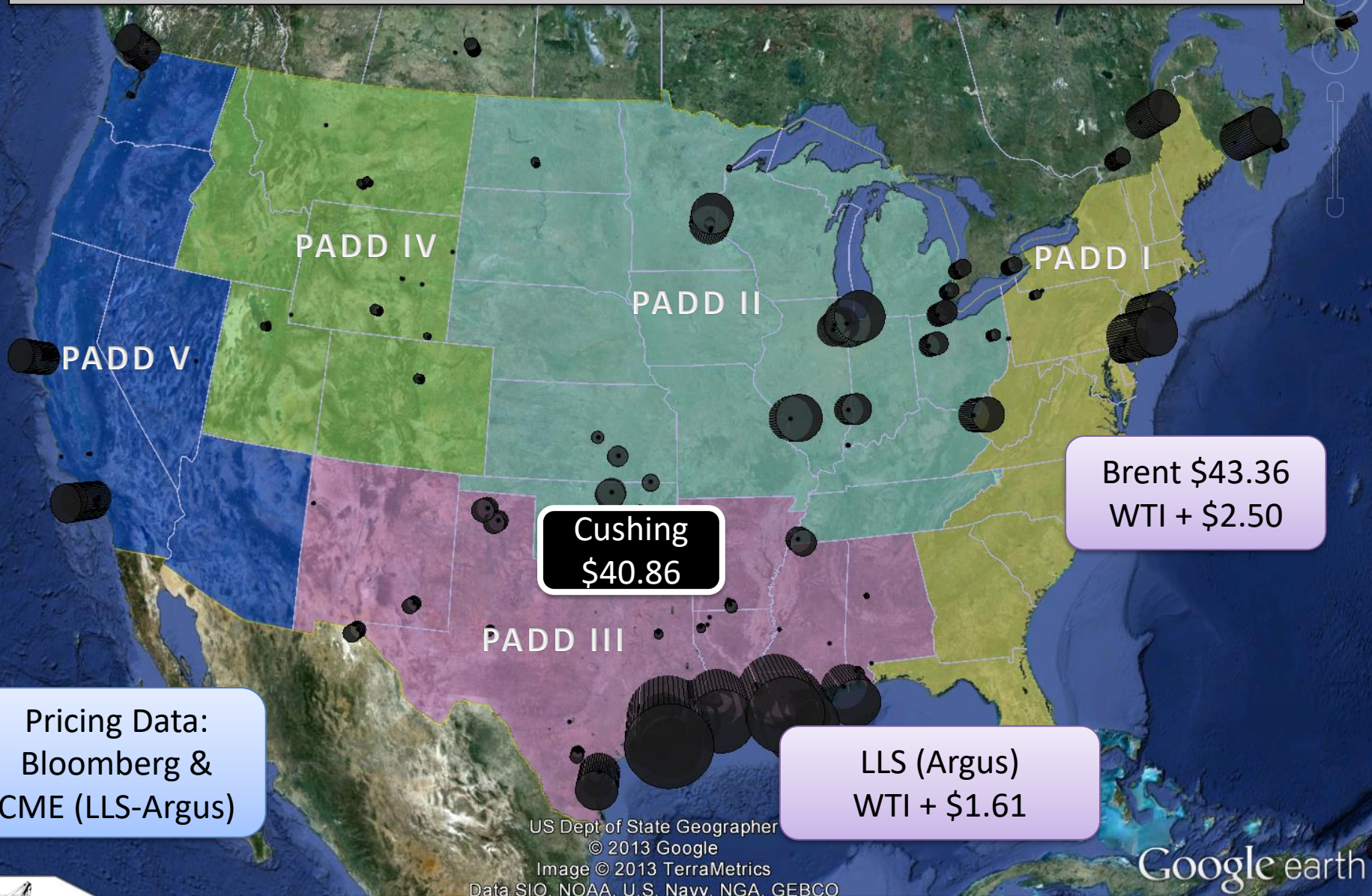
*Data for Rail Destination Market Share Provided by the US Energy Information Administration*



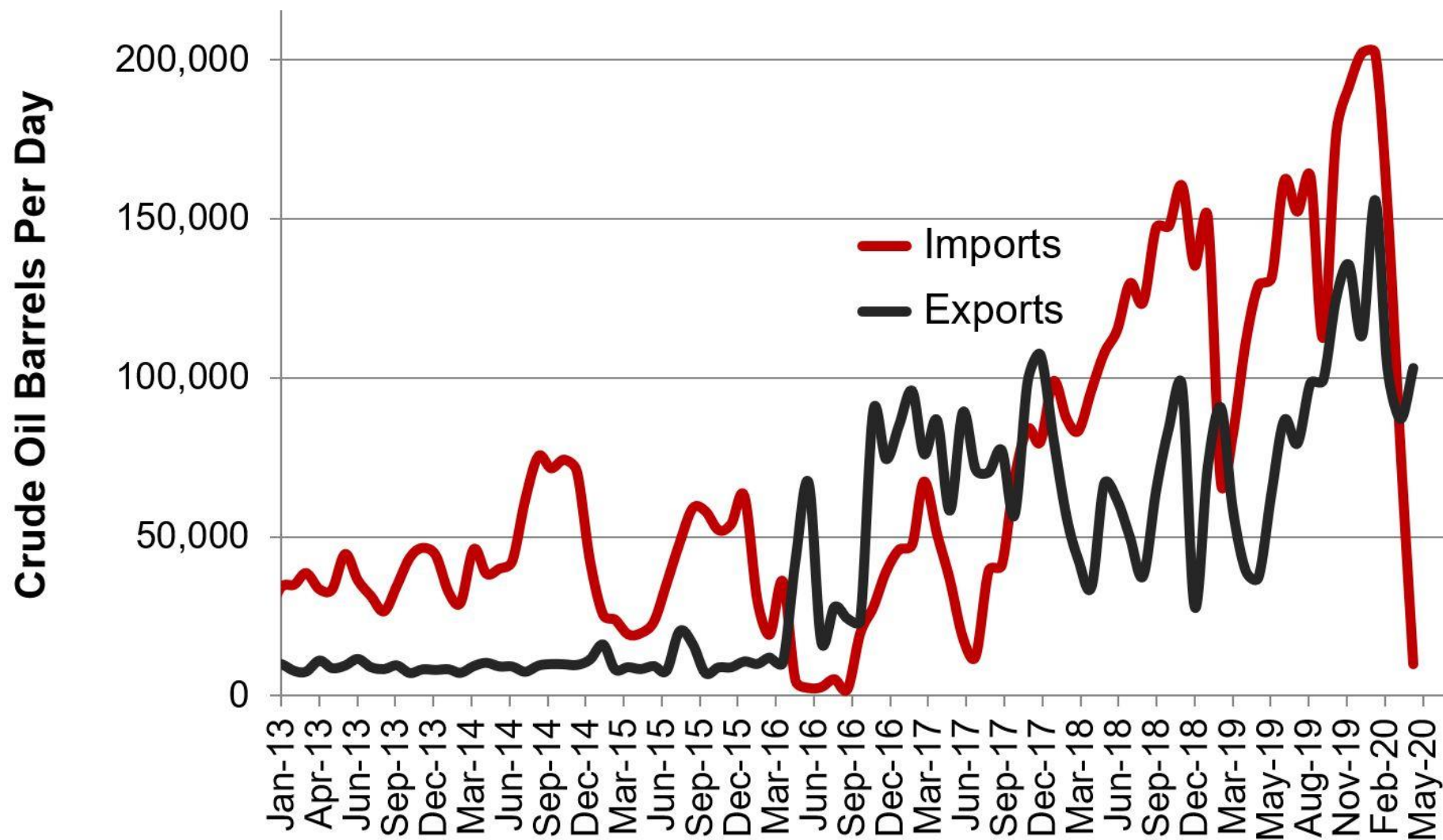
# Major Rail Lines and Refineries



# Crude Oil Prices – July 17, 2020



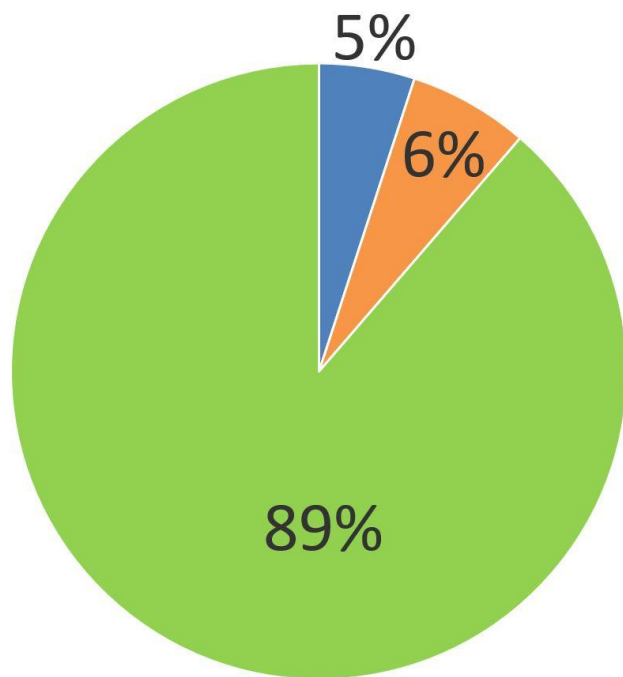
# Williston Basin Truck/Rail Imports and Exports with Canada



***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.

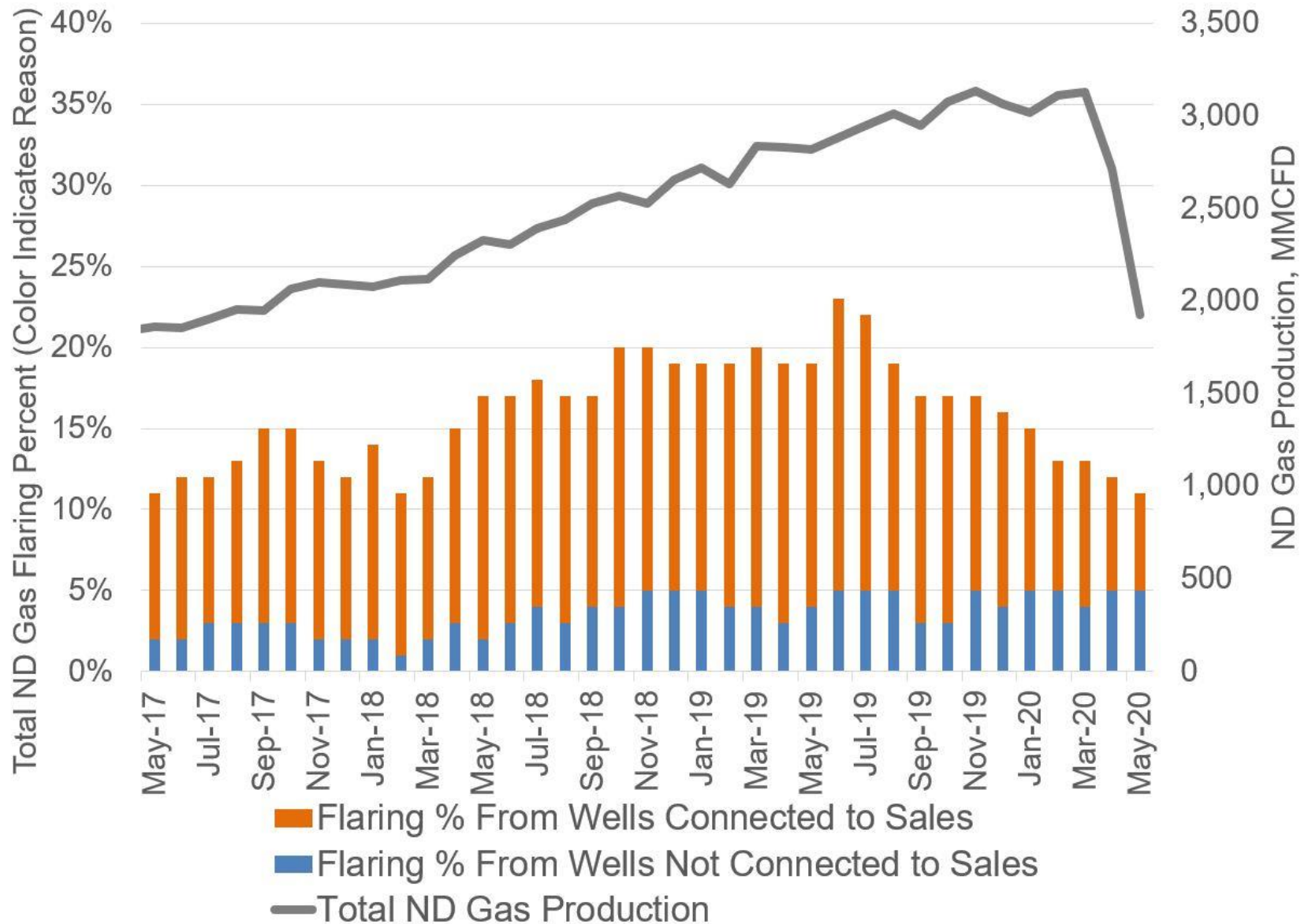
## Simple Terms

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

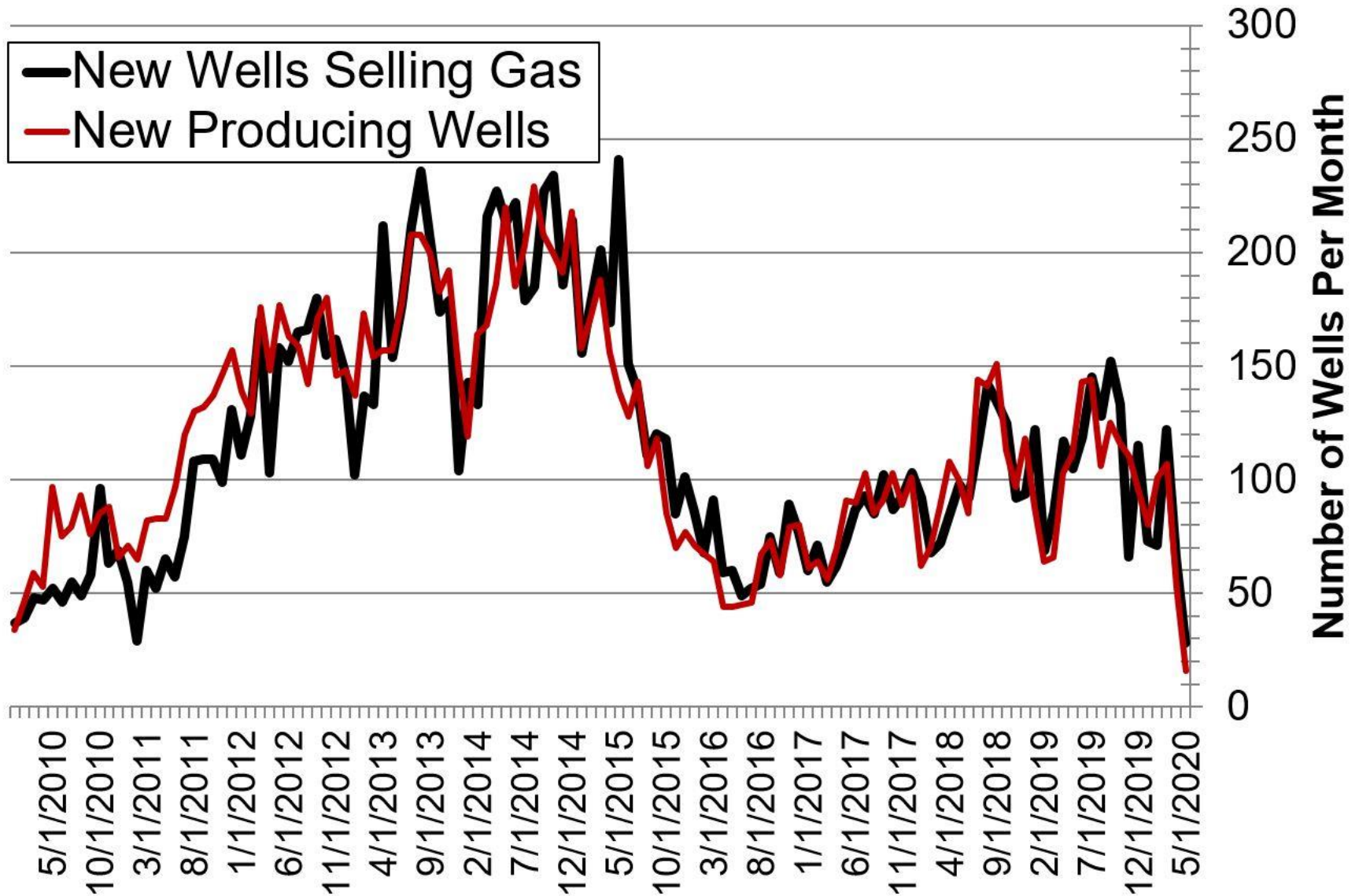
May 2020 Data – Non-Confidential Wells



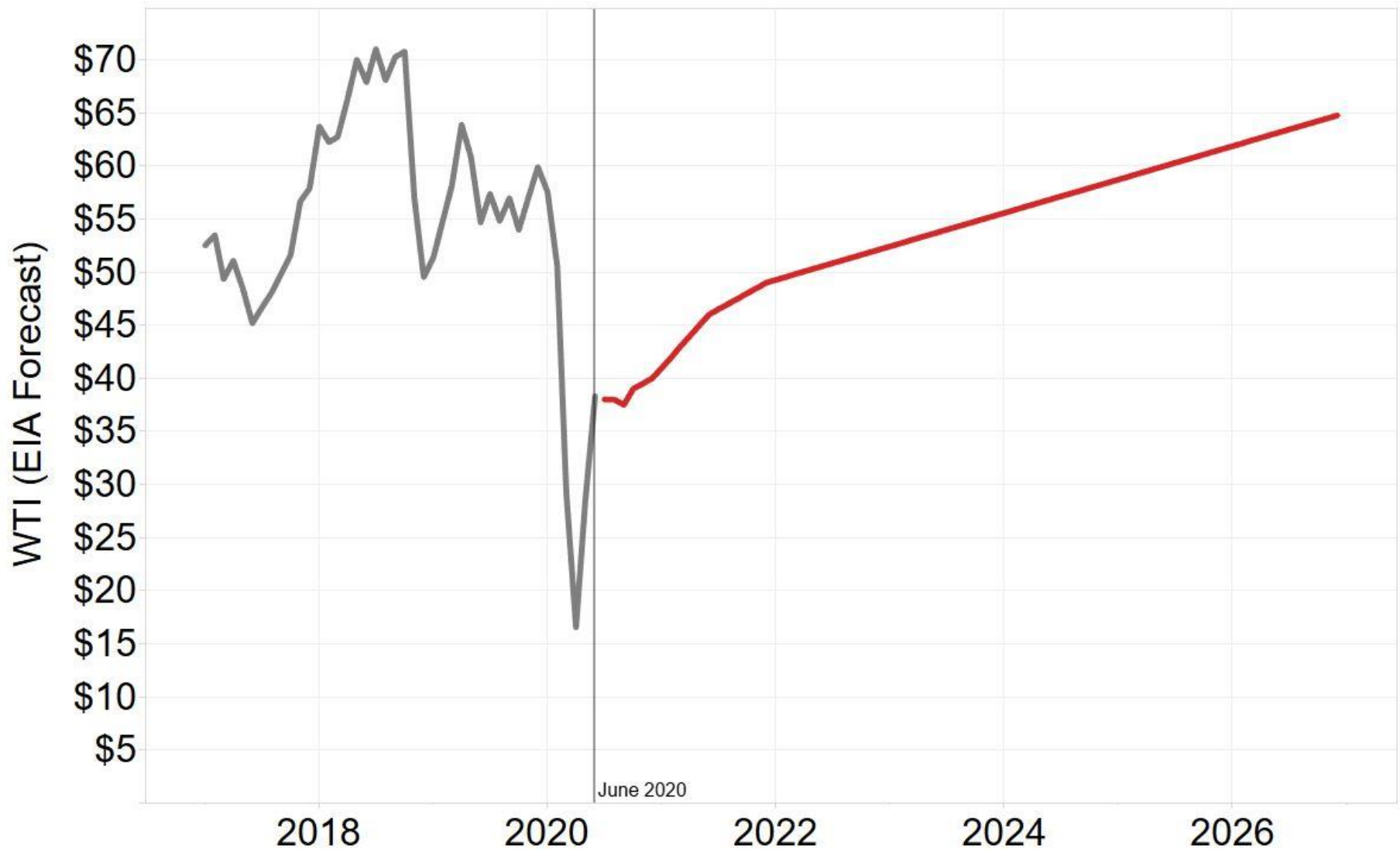
# Solving the Flaring Challenge



# Solving the Flaring Challenge



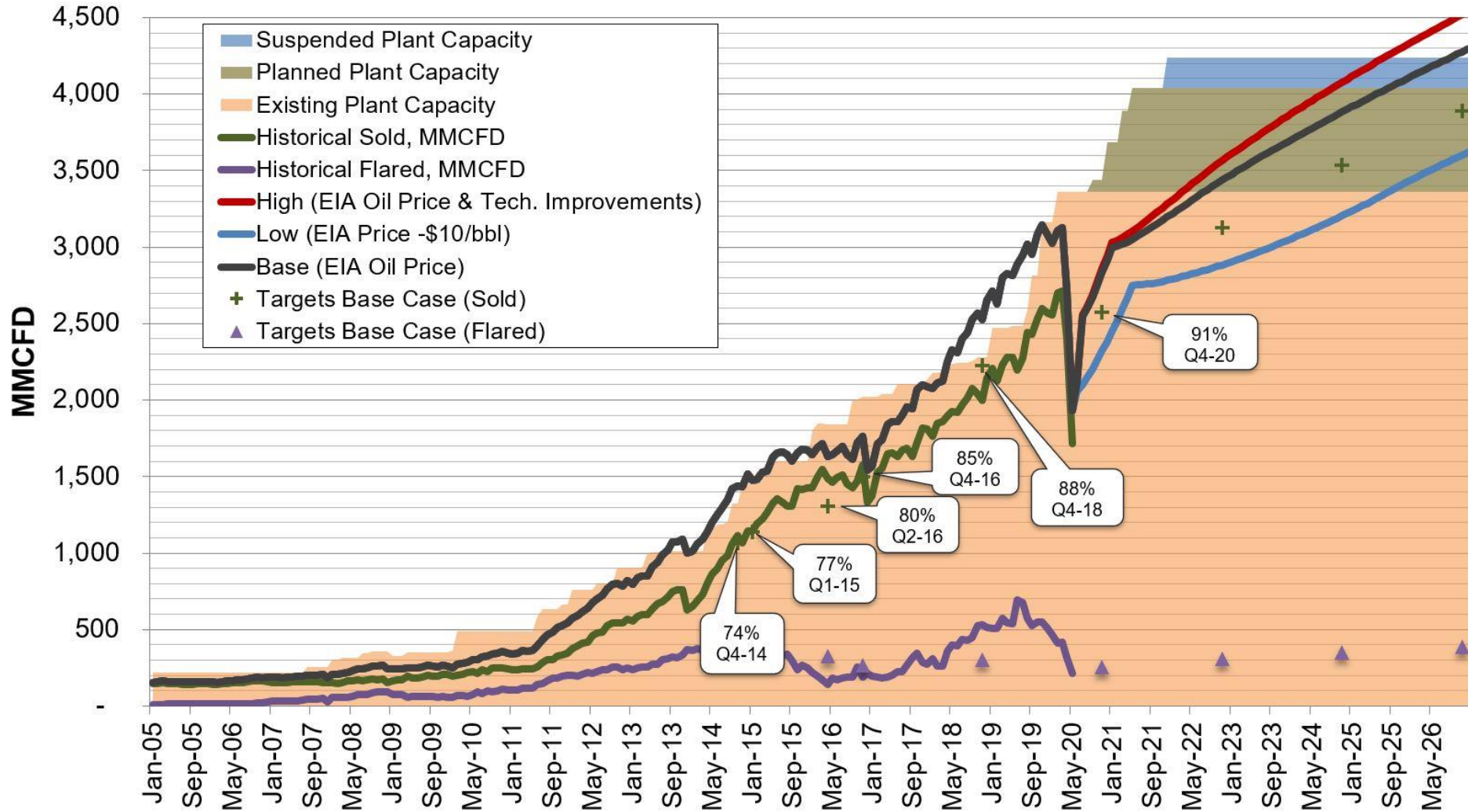
# EIA Oil Price Forecast\*



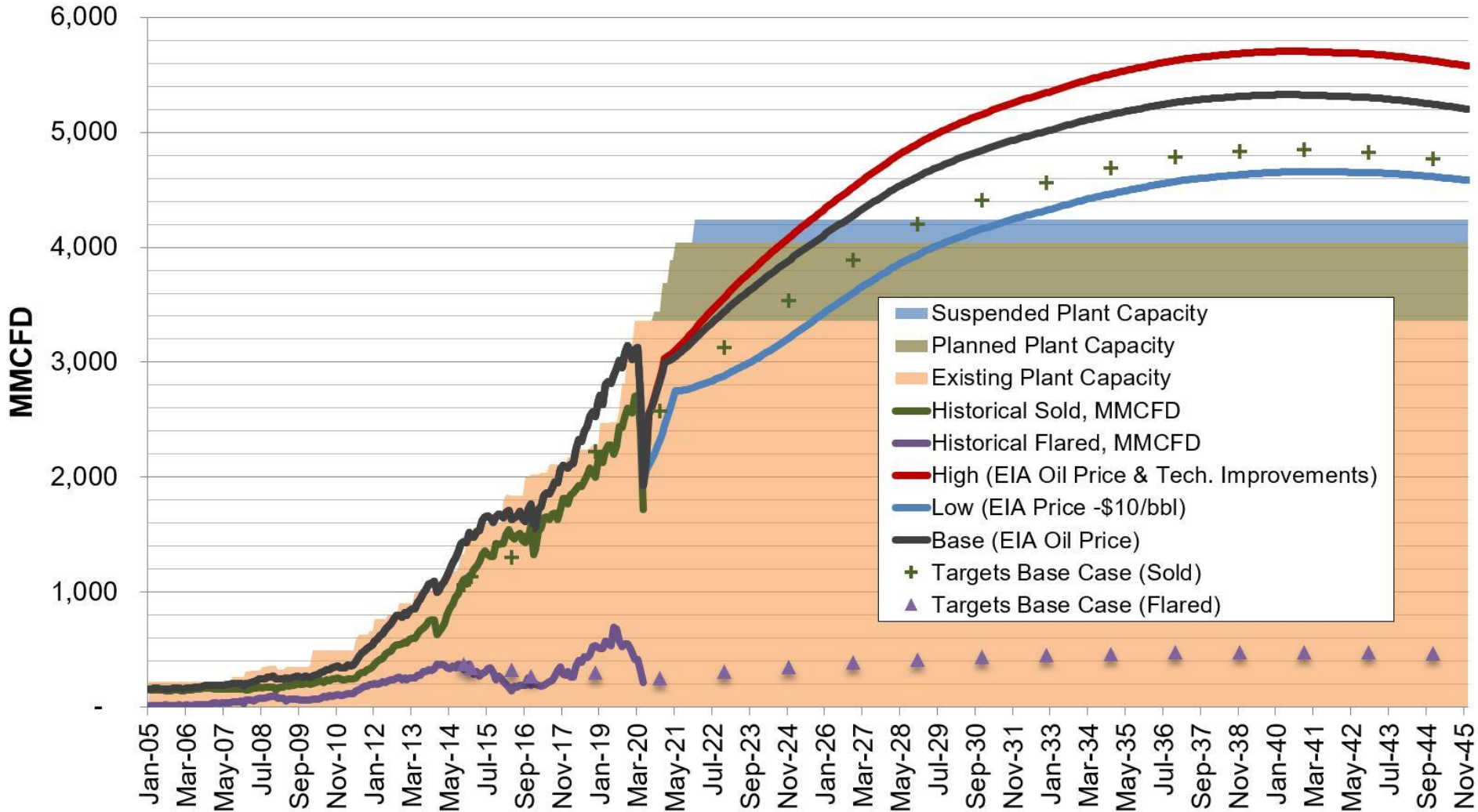
*\*EIA July 2020 SEO and January 2020 AEO Blend*



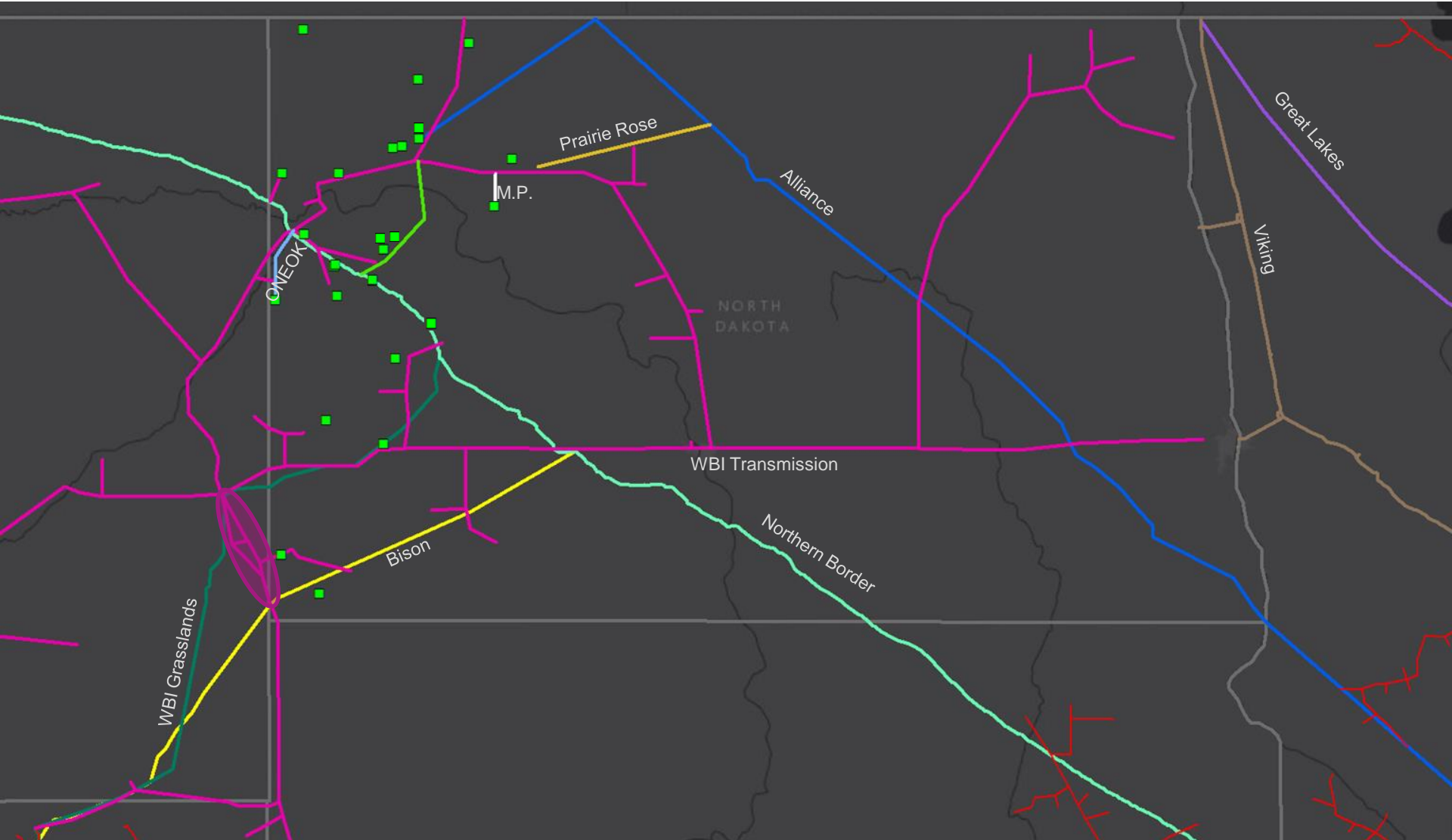
# Solving the Flaring Challenge



# Solving the Flaring Challenge



# Major Gas Pipeline and Processing Infrastructure



# Contact Information

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[www.northdakotapipelines.com](http://www.northdakotapipelines.com)



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