

# ND Pipeline Authority

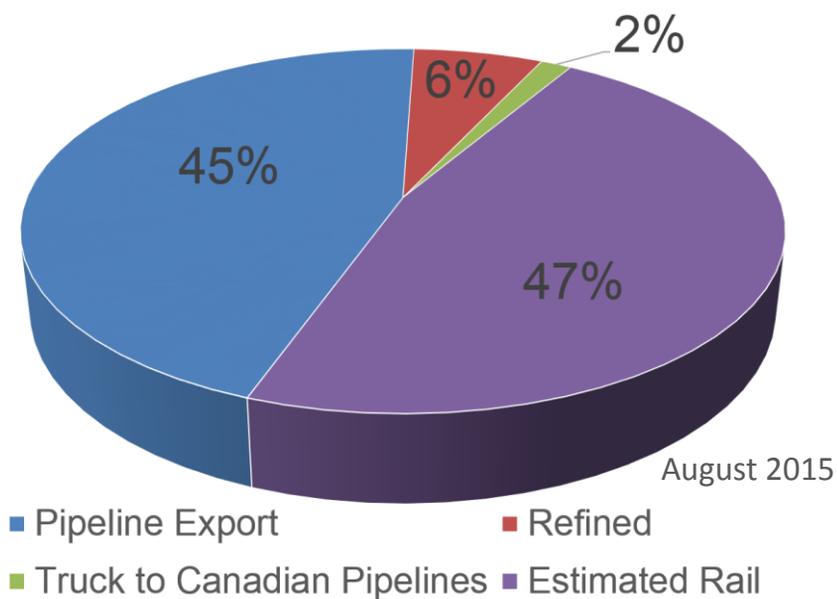
Energy Development & Transmission Committee

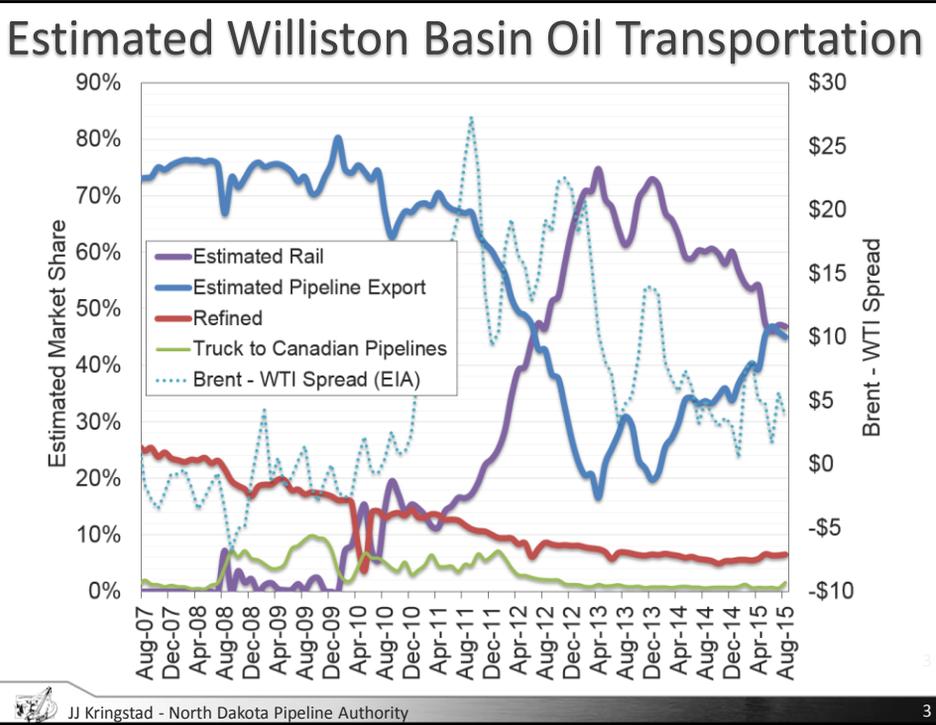


**Justin J Kringstad**  
*Director*

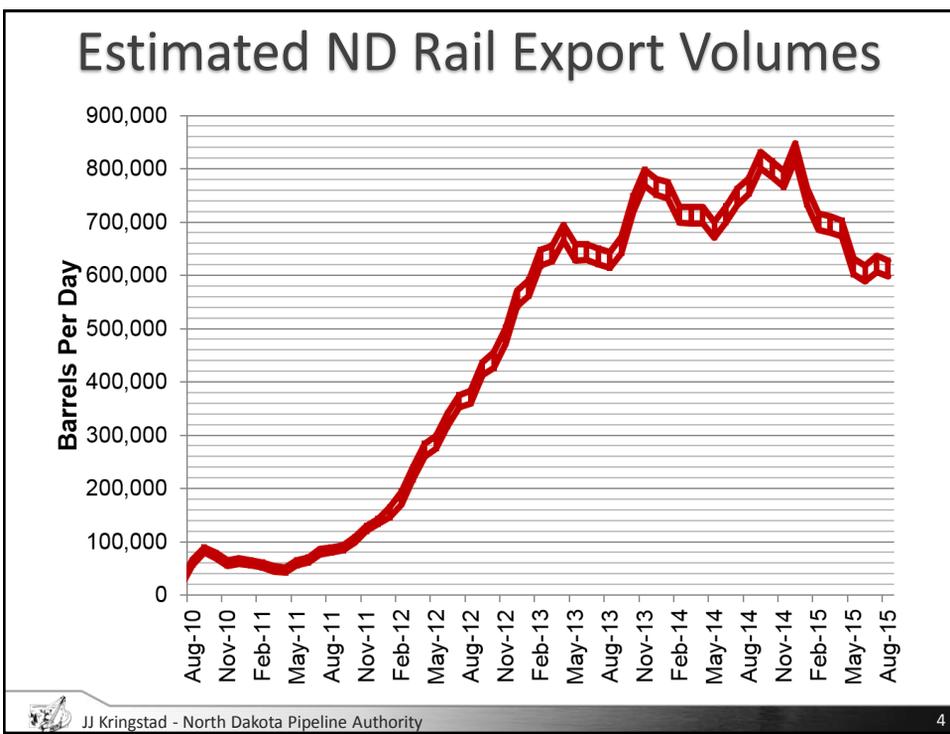
**October 14, 2015**

## Estimated Williston Basin Oil Transportation



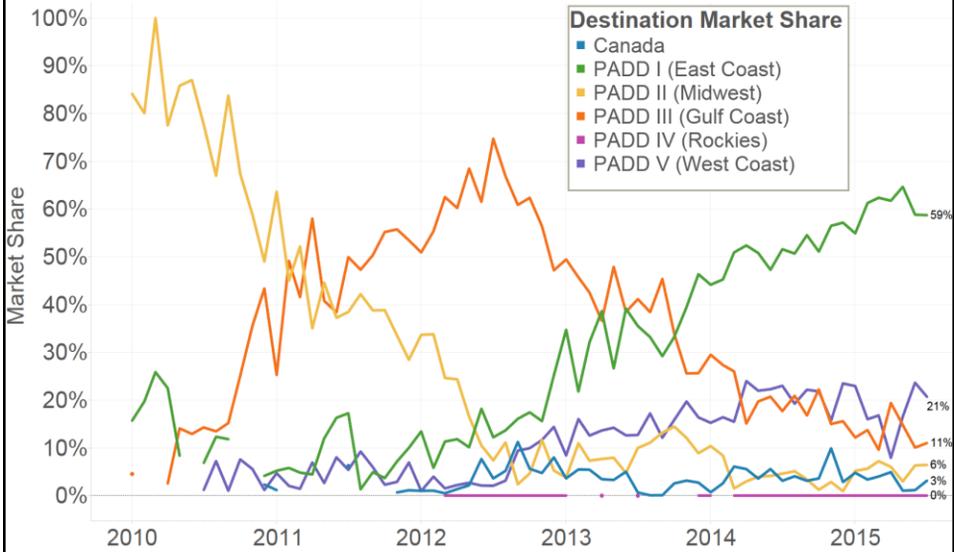


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# Rail Destinations Market Share (July 2015)

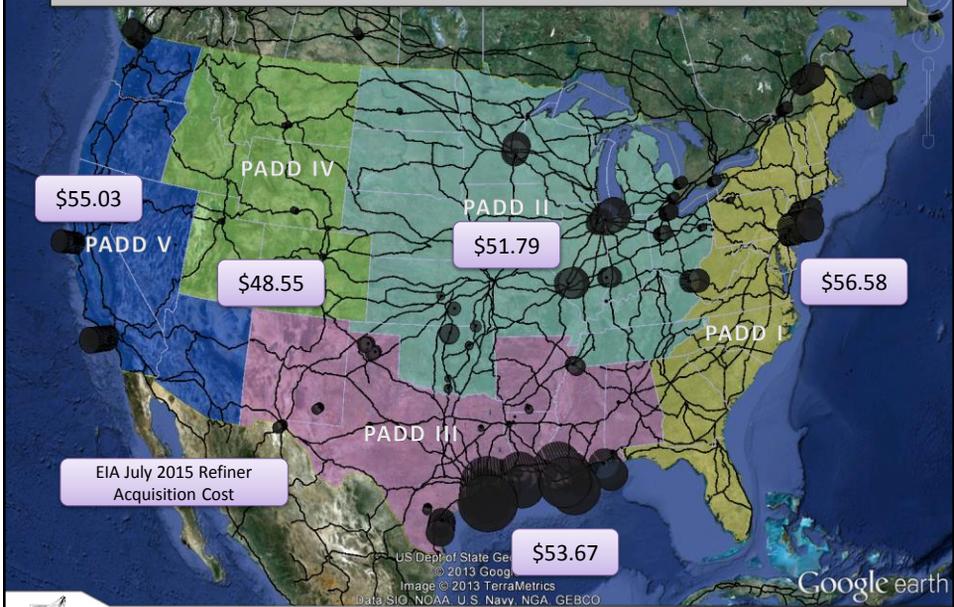


Data for Rail Destination Market Share Provided by the US Energy Information Administration



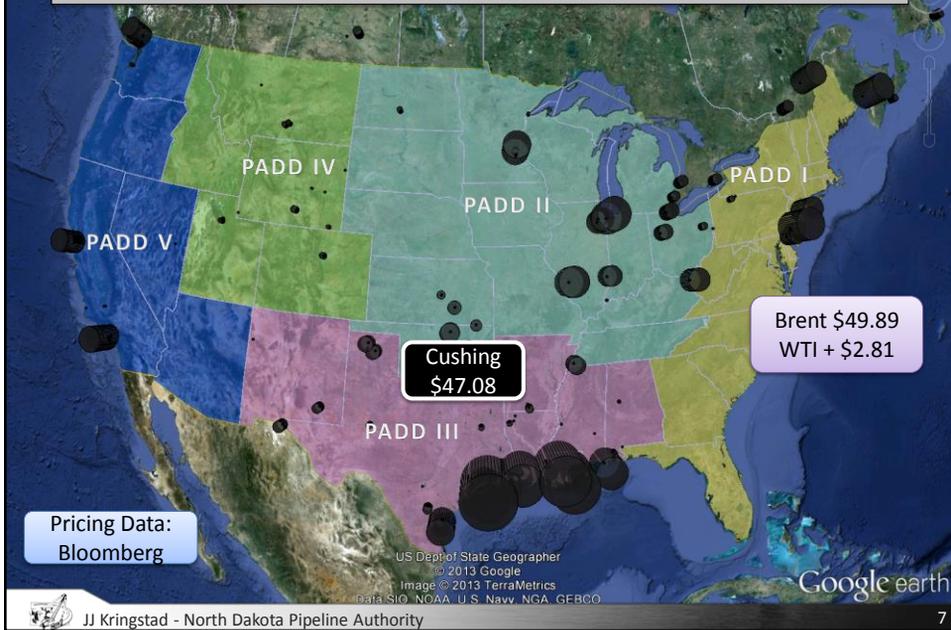
JJ Kringstad - North Dakota Pipeline Authority

# Major Rail Lines and Refineries

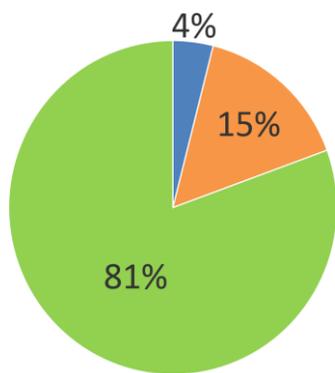


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# Crude Oil Prices – Oct. 13, 2015



## Solving the Flaring Challenge



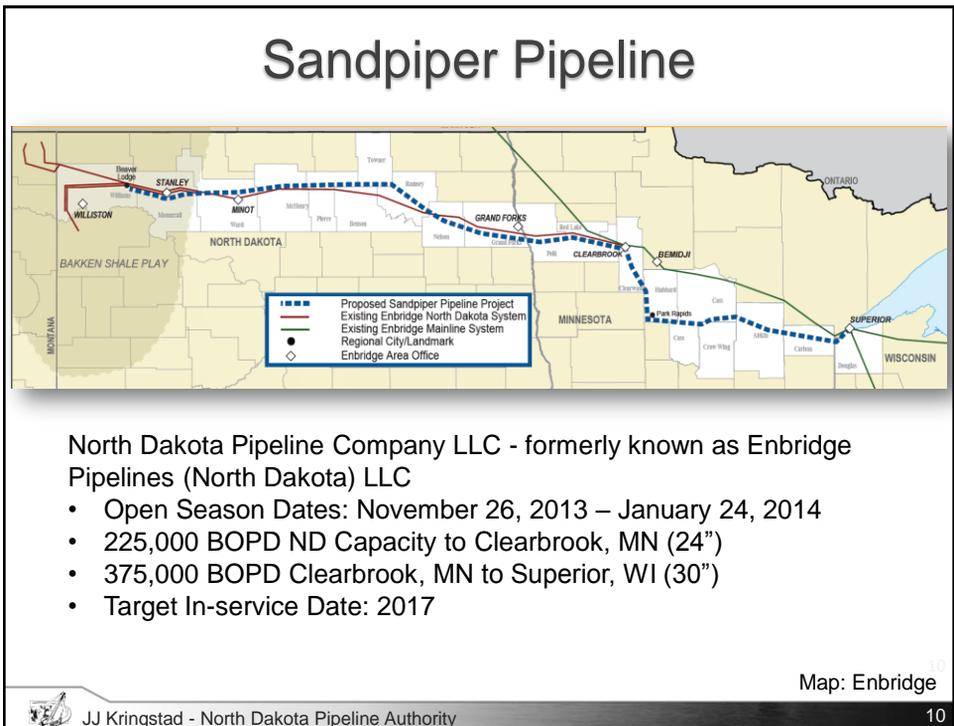
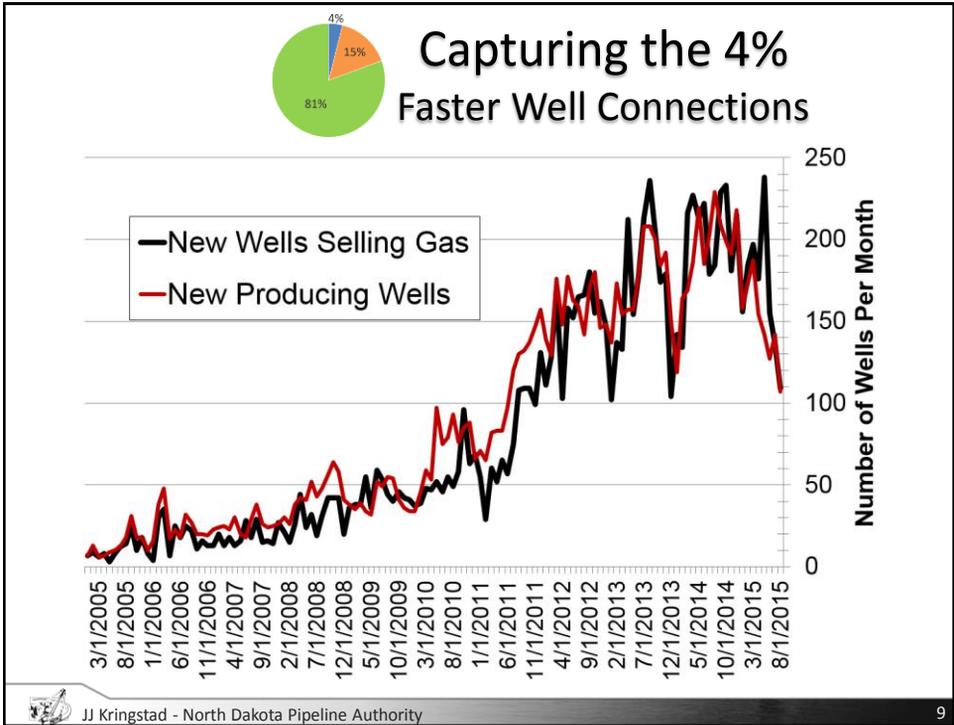
**GREEN** – % of gas captured and sold  
**Blue** – % flared from zero sales wells  
**Orange** – % flared from wells with at least one mcf sold.

### Simple Terms

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

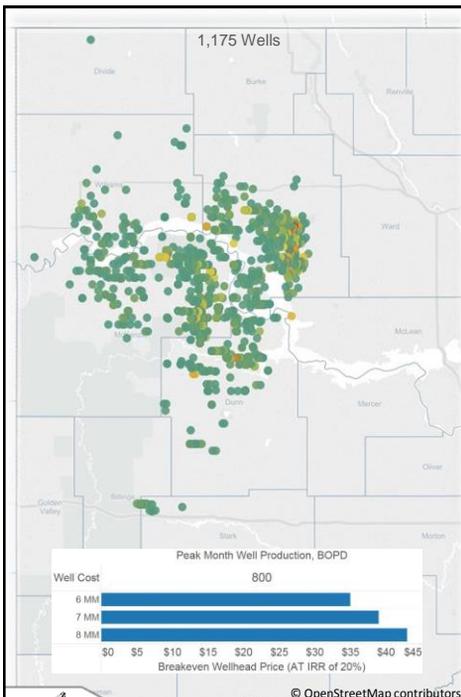
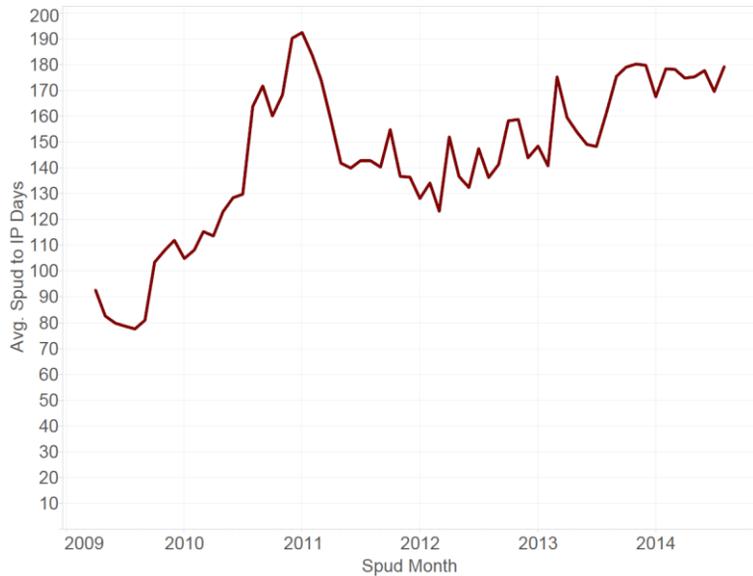
Statewide

August 2015 Data – Non-Confidential Wells

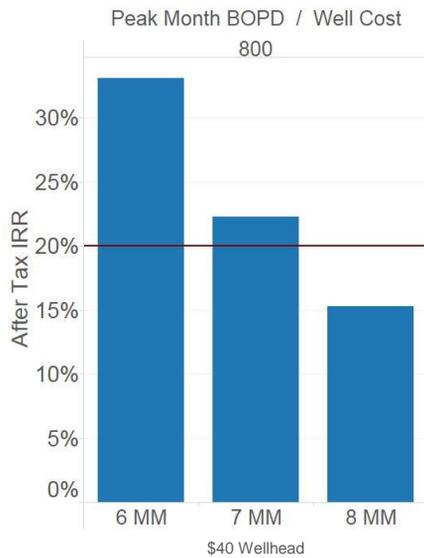


# Understanding Current Production Dynamics

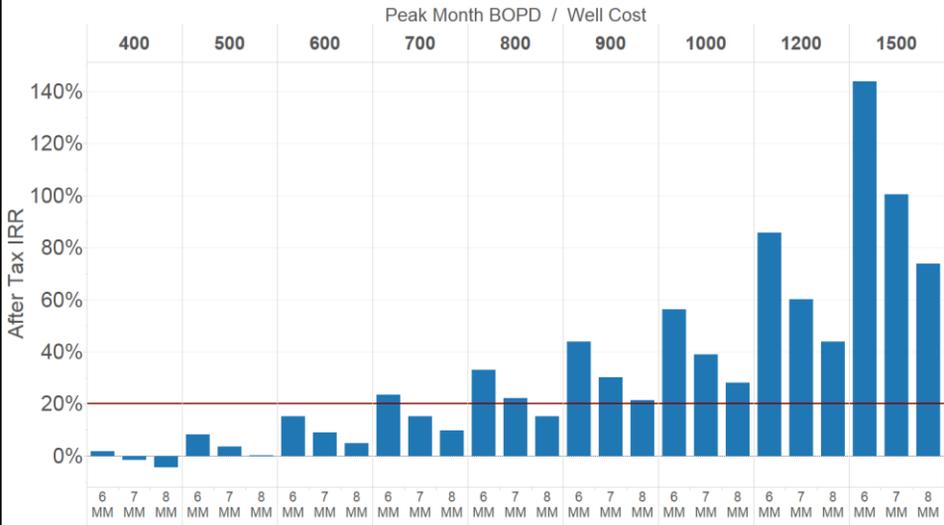
## Non-Confidential Spud to Initial Production Timeline



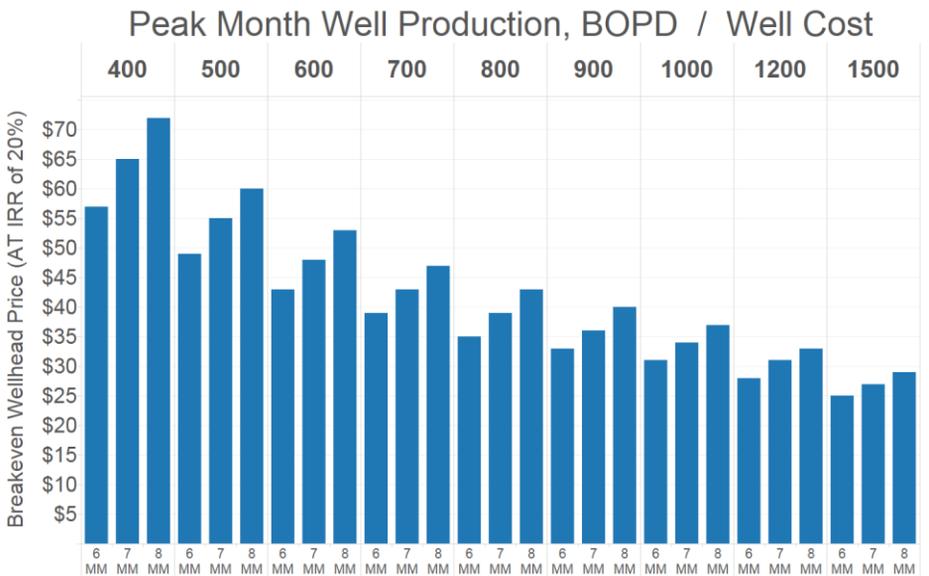
# Peak Month Minimum 800 BOPD



# Summary of \$40 Wellhead Oil



# Breakeven Summary



# Contact Information

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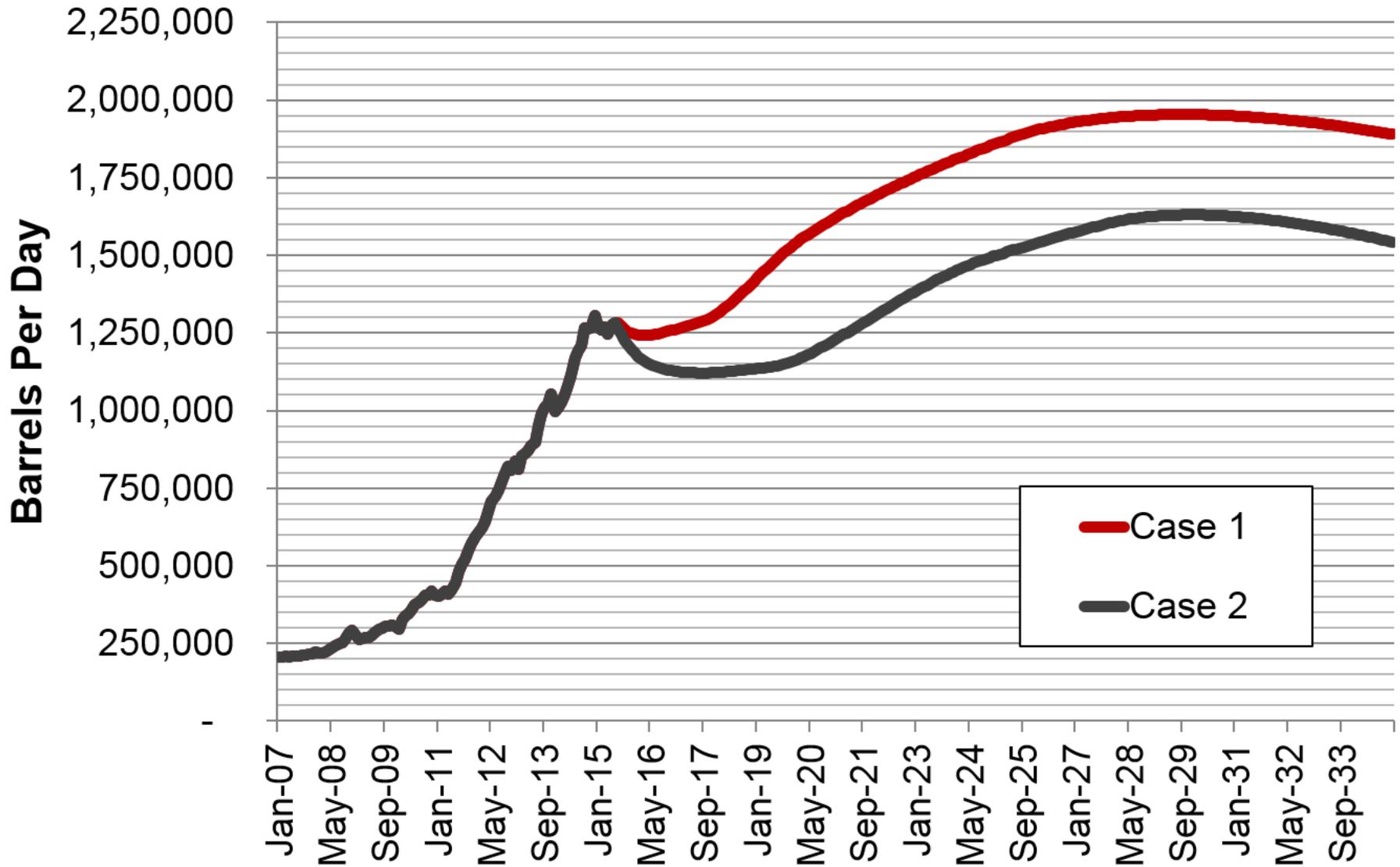
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Call before you dig.



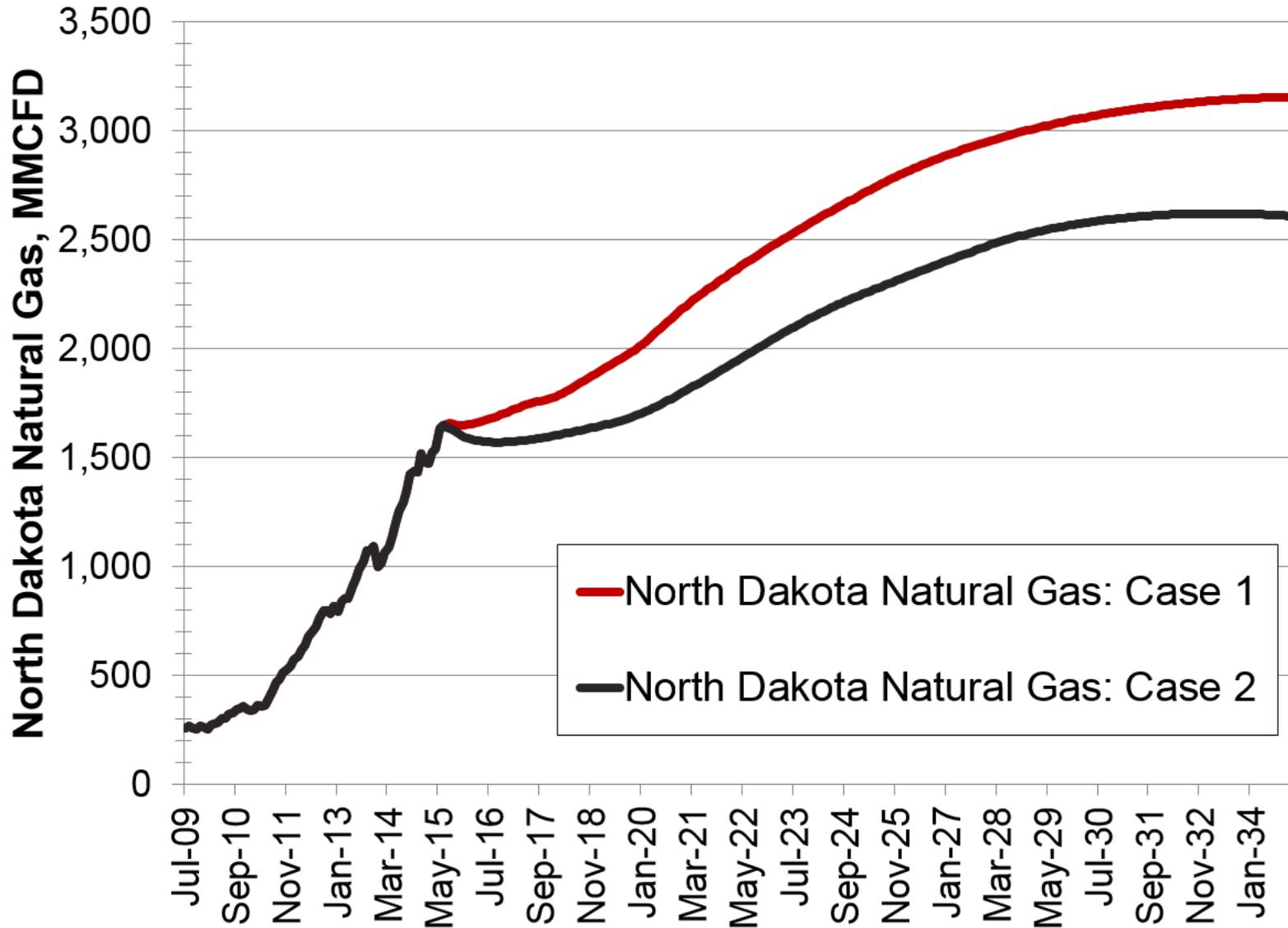
# Forecasting Williston Basin Oil Production, BOPD



*Production forecast is for visual demonstration purposes only and should not be considered accurate for any near or long term planning.*



# North Dakota Natural Gas Forecast, MMCFD



Production forecast is for visual demonstration purposes only and should not be considered accurate for any near or long term planning.

