



# DIRECTOR'S CUT

June 24<sup>th</sup>, 2025



## PRESENTATION OVERVIEW

This briefing provides key updates on the state's energy sector, covering production trends, market outlooks, state initiatives, and key litigation. Topics include industry activity, infrastructure developments, and ongoing efforts related to resource management and environmental stewardship.

In addition, insights on transportation and distribution will be shared, highlighting key factors influencing the movement of oil and natural gas.

Presented to a global audience, this update offers a broad perspective on the region's energy landscape.



# PRESENTATIONS BY:



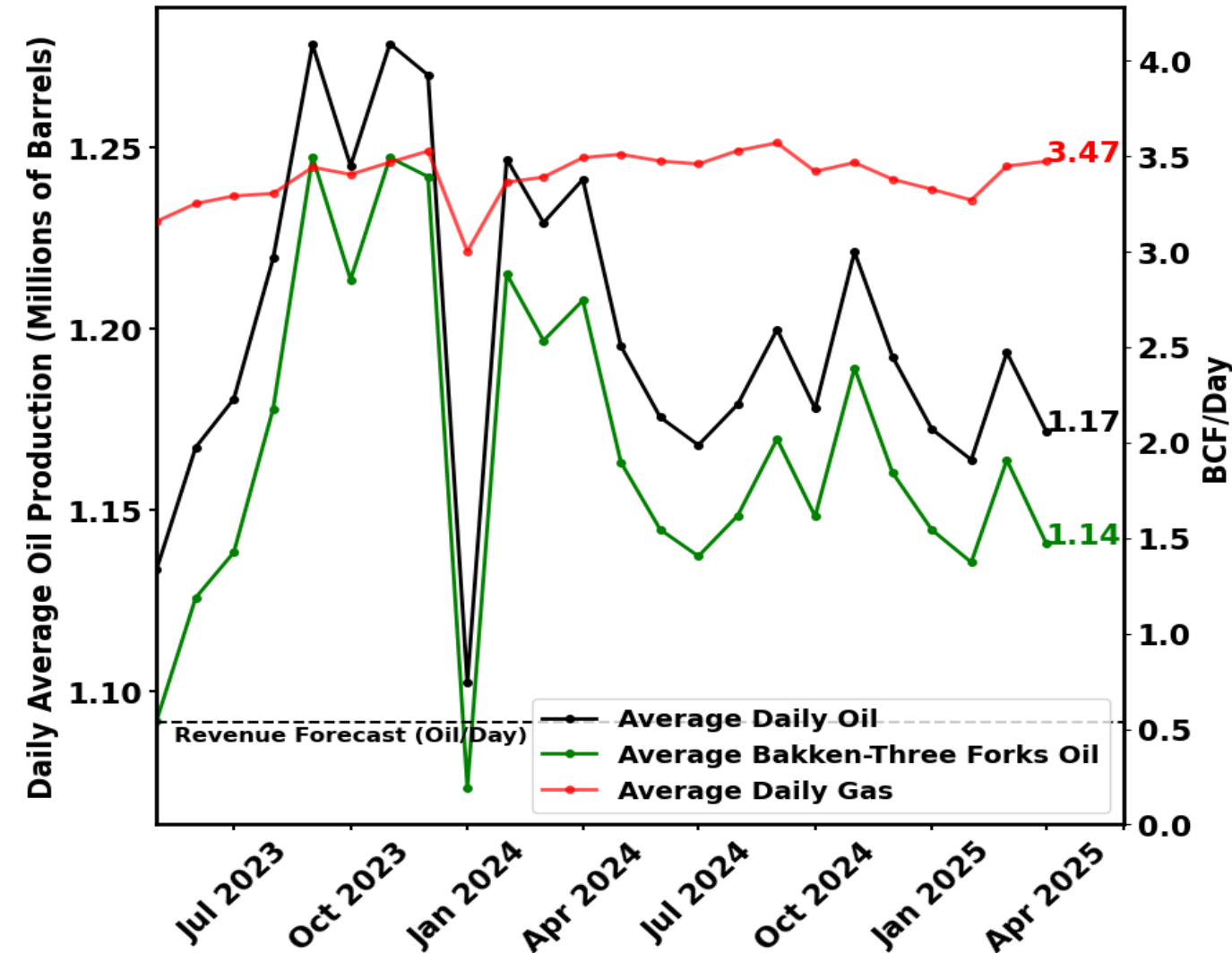
**NATHAN ANDERSON**  
Director  
Department of Mineral Resources



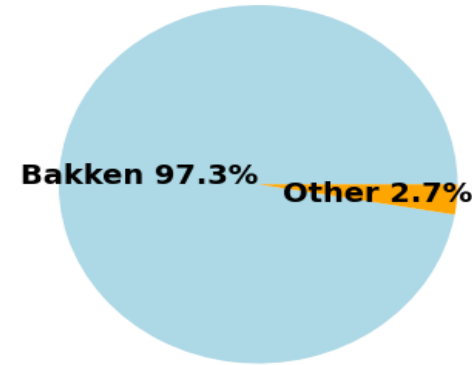
**JUSTIN KRINGSTAD**  
Executive Director  
North Dakota Pipeline Authority



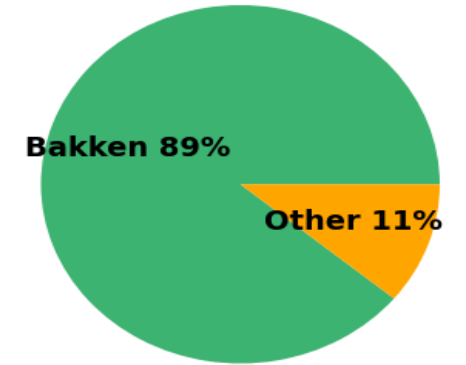
# NORTH DAKOTA PRODUCTION



## Statewide Production



## Producing Wells



### OIL PRODUCTION:

- April: 35,151,886 bbls = 1,171,730 bbls/day
- March: 36,995,308 bbls = 1,193,397 bbls/day
  - +6.5% above Revenue Forecast (RF = 1,100,000 bbls/day)
  - -1.8% from March to April
  - -21,667 bbls/day Mar. 2025 to Apr. 2025
- 1,140,887 bbls/day or 98% from Bakken/Three Forks
- 30,843 bbls/day or 2.7% from non-Bakken/Three Forks

### GAS PRODUCTION:

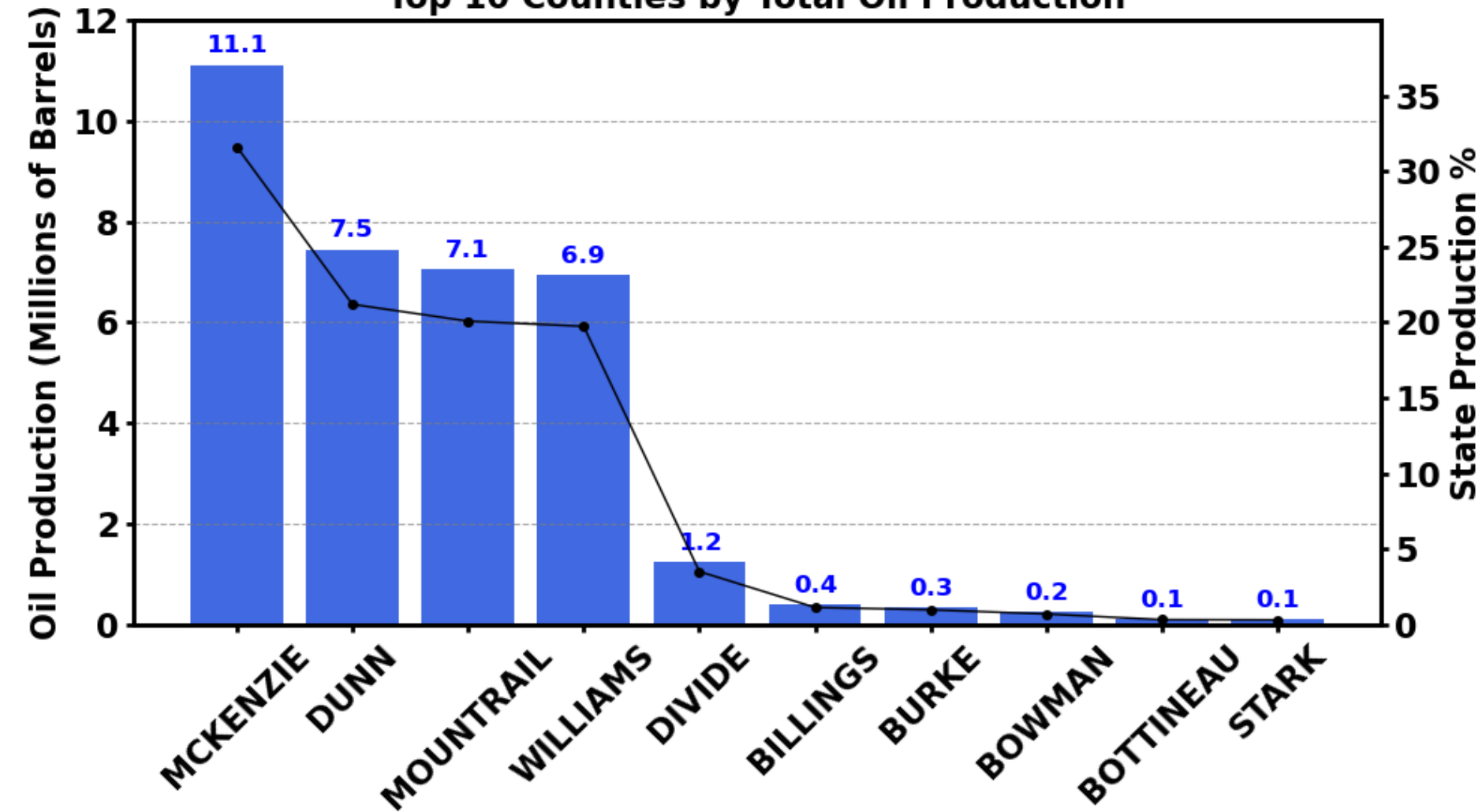
- April: 104.1 BCF/Month = 3.471 BCF/Day
- March: 106.8 BCF/Month = 3.446 BCF/Day
  - +0.73% from March to April



# NORTH DAKOTA COUNTY PRODUCTION



Top 10 Counties by Total Oil Production

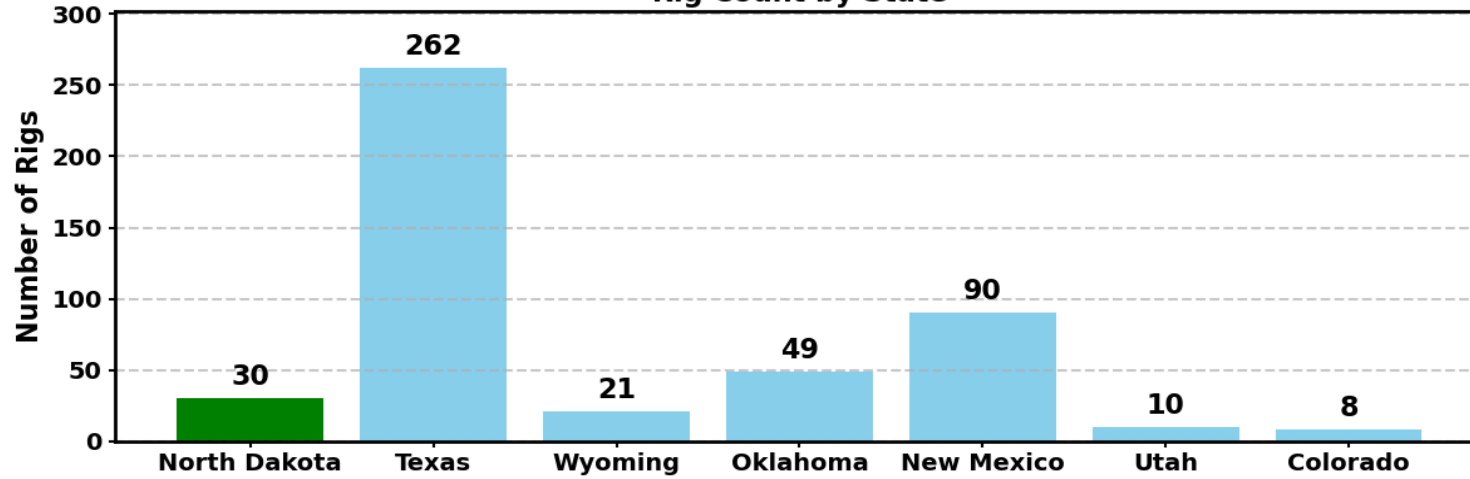


- ~32% of ND production comes from McKenzie County
- Top 5 counties make up
- ~97.5% of ND oil production

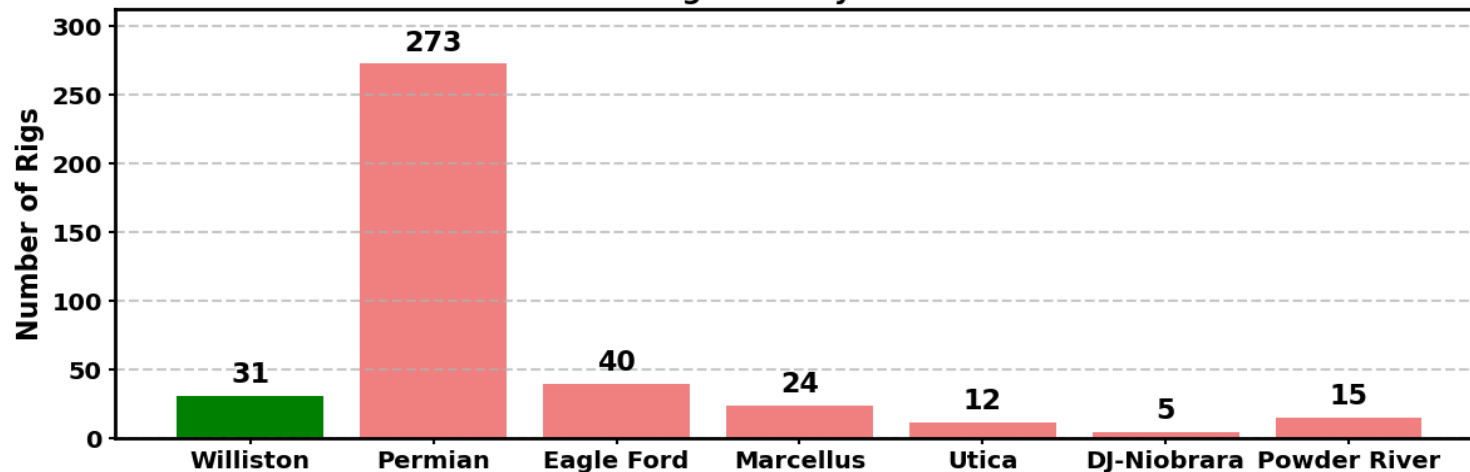
# RIG COUNTS BY STATE AND BASIN



**Rig Data Overview for June 13, 2025**  
Rig Count by State



Rig Count by Basin



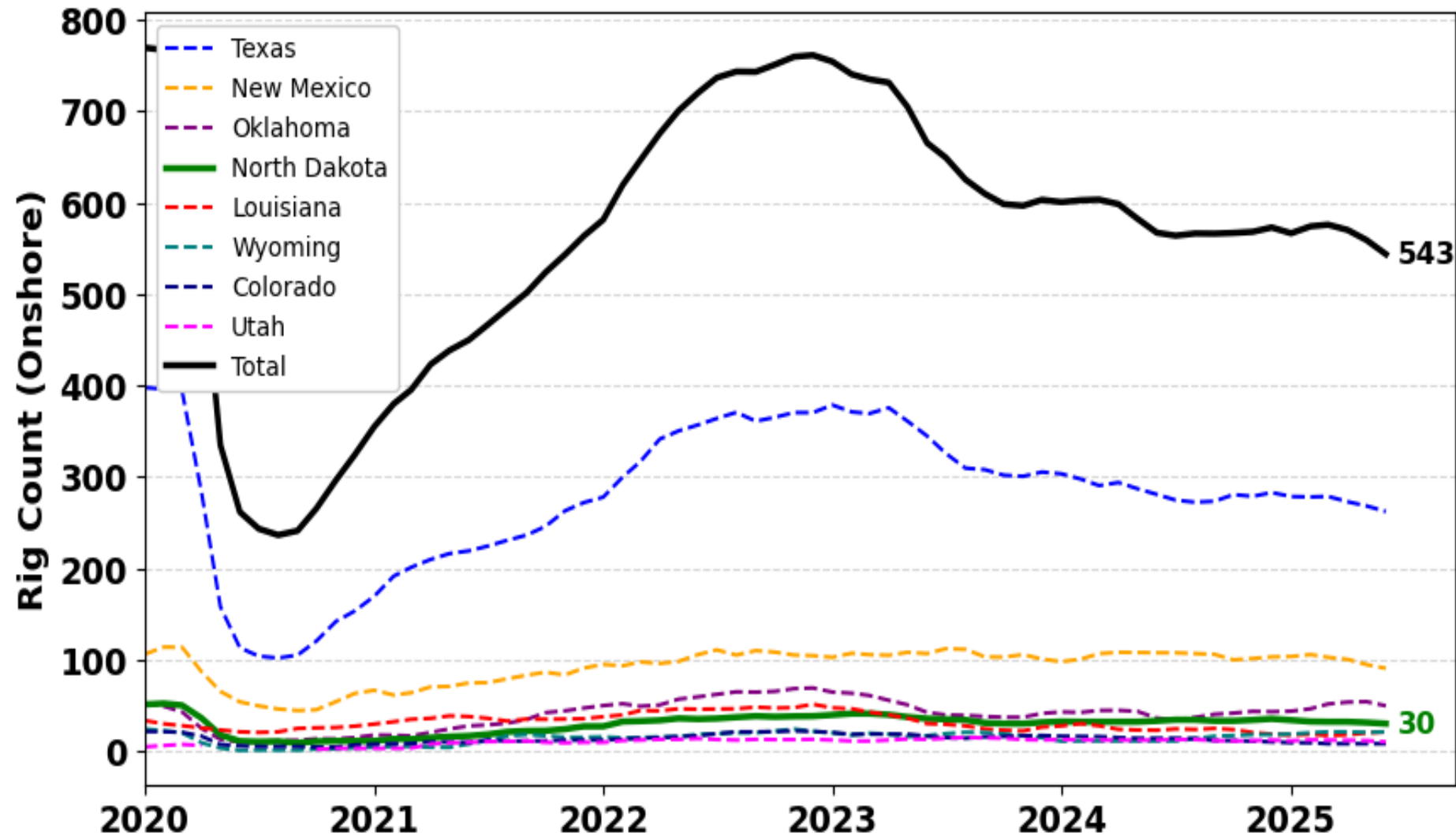
- Total US Rig Count = 554
  - May was approx. 578
- ~47% of Rigs are in Texas
- ND Rig Count Trend
  - Current = 32
  - May = 32
  - April = 32
  - March = 32

*All time high of 218 on 5/29/2018*

- 31 total rigs in Williston Basin
- 273 rigs in Permian (TX & NM)
  - ~49.3% of total US rig Count
- 36 rigs in the NE US, dry gas play

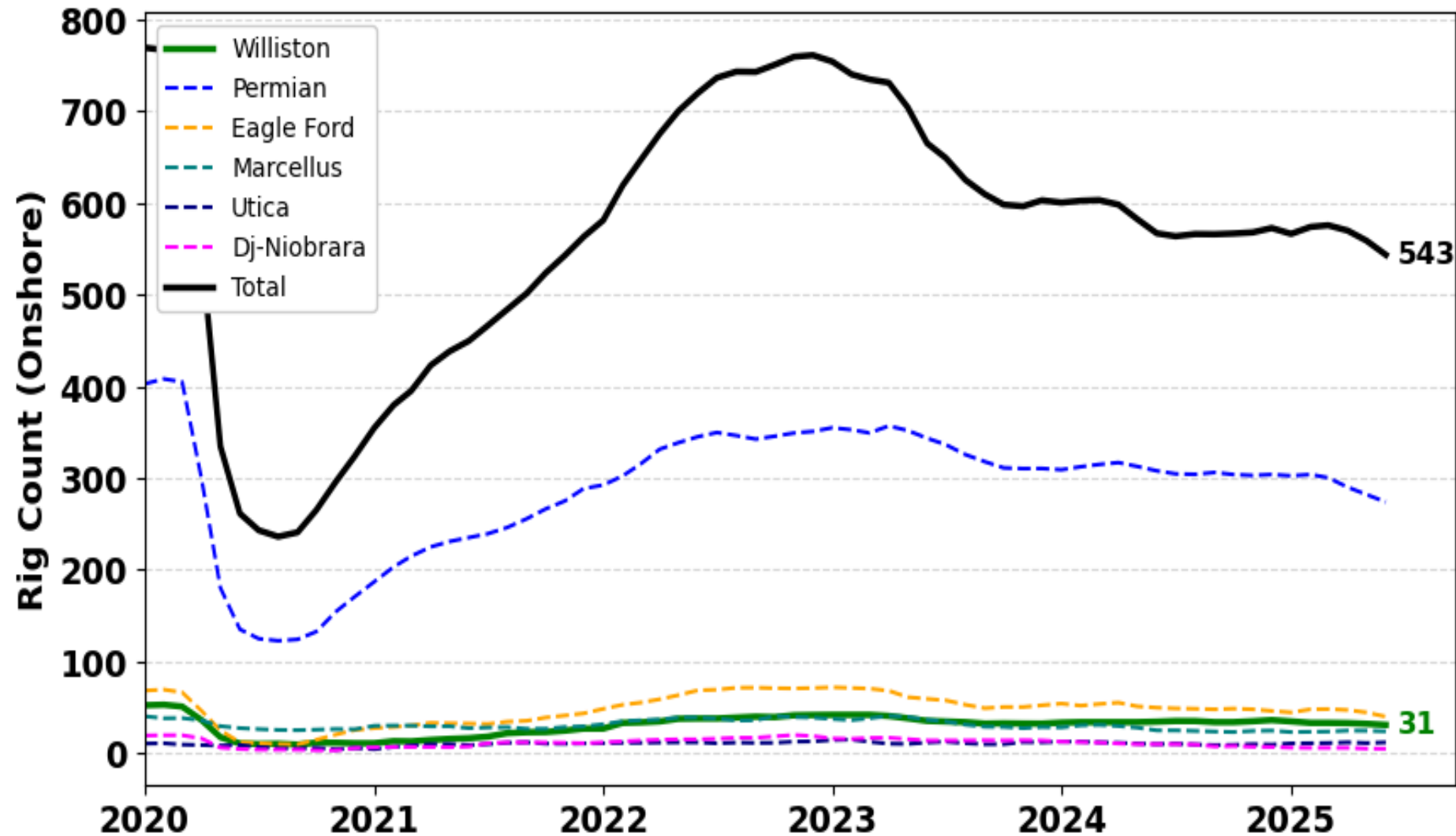


# RIG COUNTS OVER TIME - STATE



- North Dakota rig count remaining steady at 30
- US rig count steady since early 2024
- Total US rig count includes land only

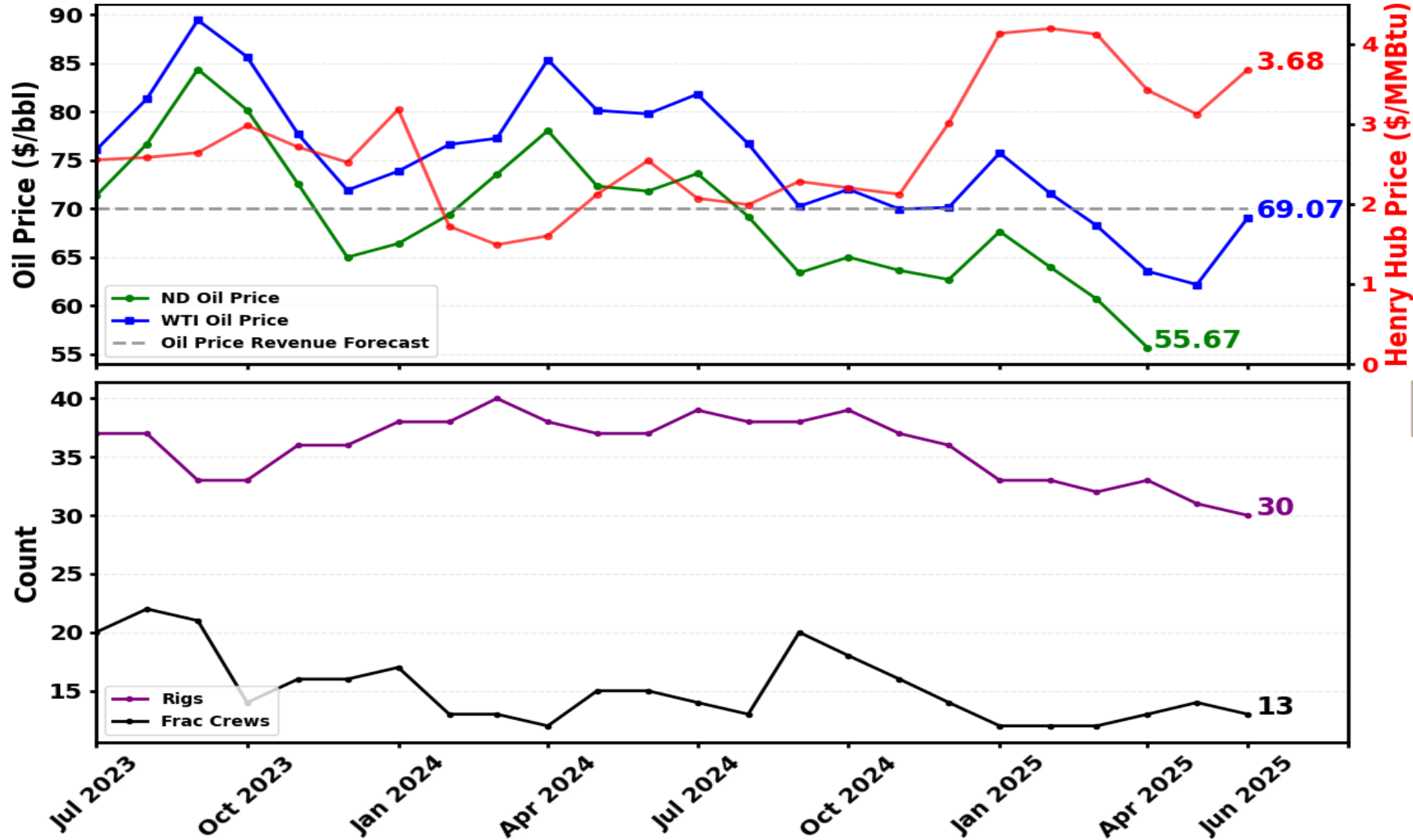
# RIGS OVER TIME - BASINS



- Williston Basin rig count remaining steady at 31
- US rig count steady since early 2024
- Slight decrease in rig count in Permian Basin last month
- Total US rig count includes land only



# PRICING AND ACTIVITY LEVELS



- Current WTI Oil = \$65.00
- Current HH Gas = \$3.61

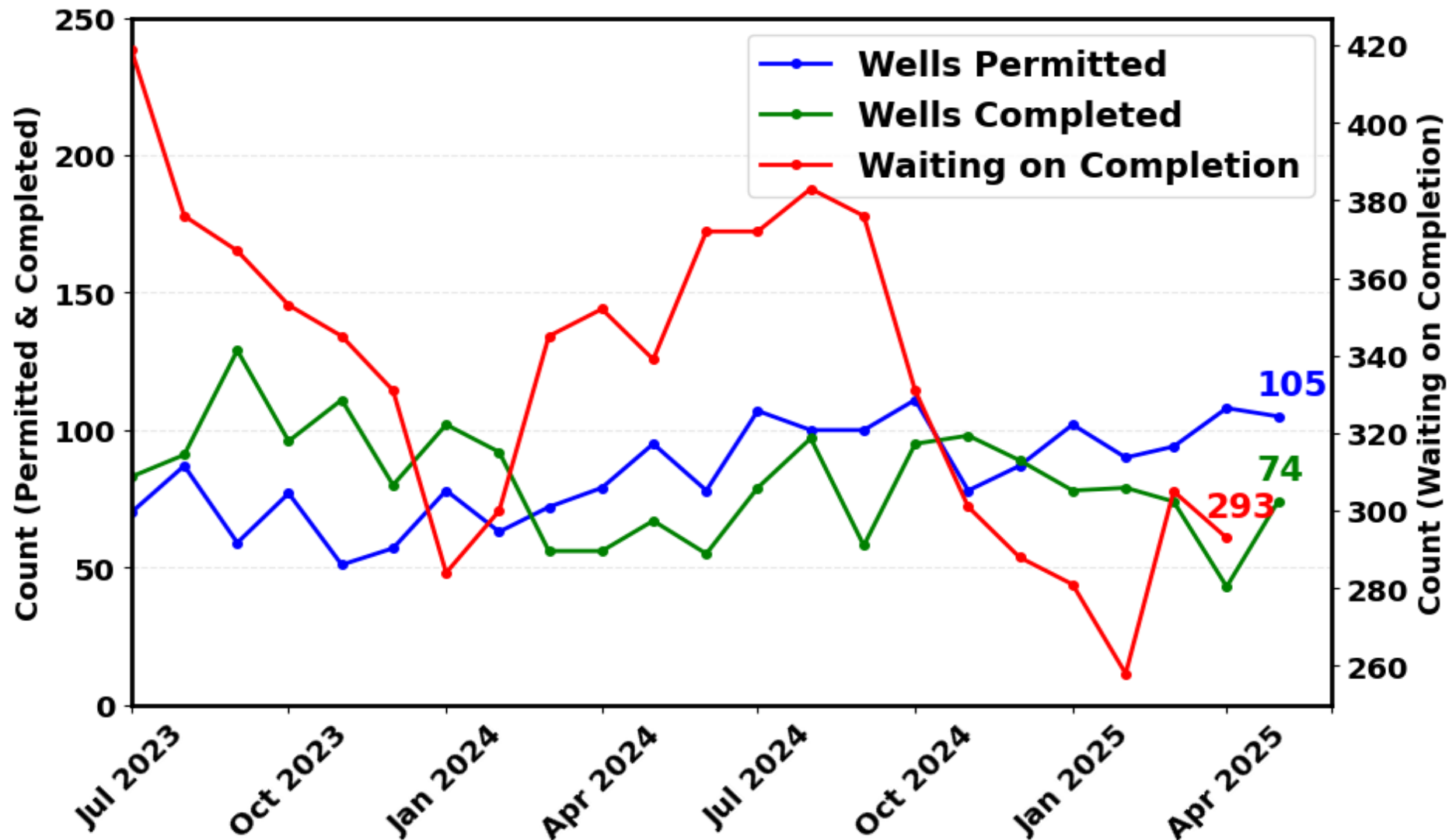
## ND Market Oil Price

Revenue Forecast = \$70

- April = \$55.67
  - -20.5% TO RF
- March = \$60.68

- Current frac crew count = 13

# PERMITS AND COMPLETIONS



## PERMIT TREND

- May = 105
- April = 108
- March = 94

## COMPLETION TREND

- May = 74
- April = 43
- March = 74

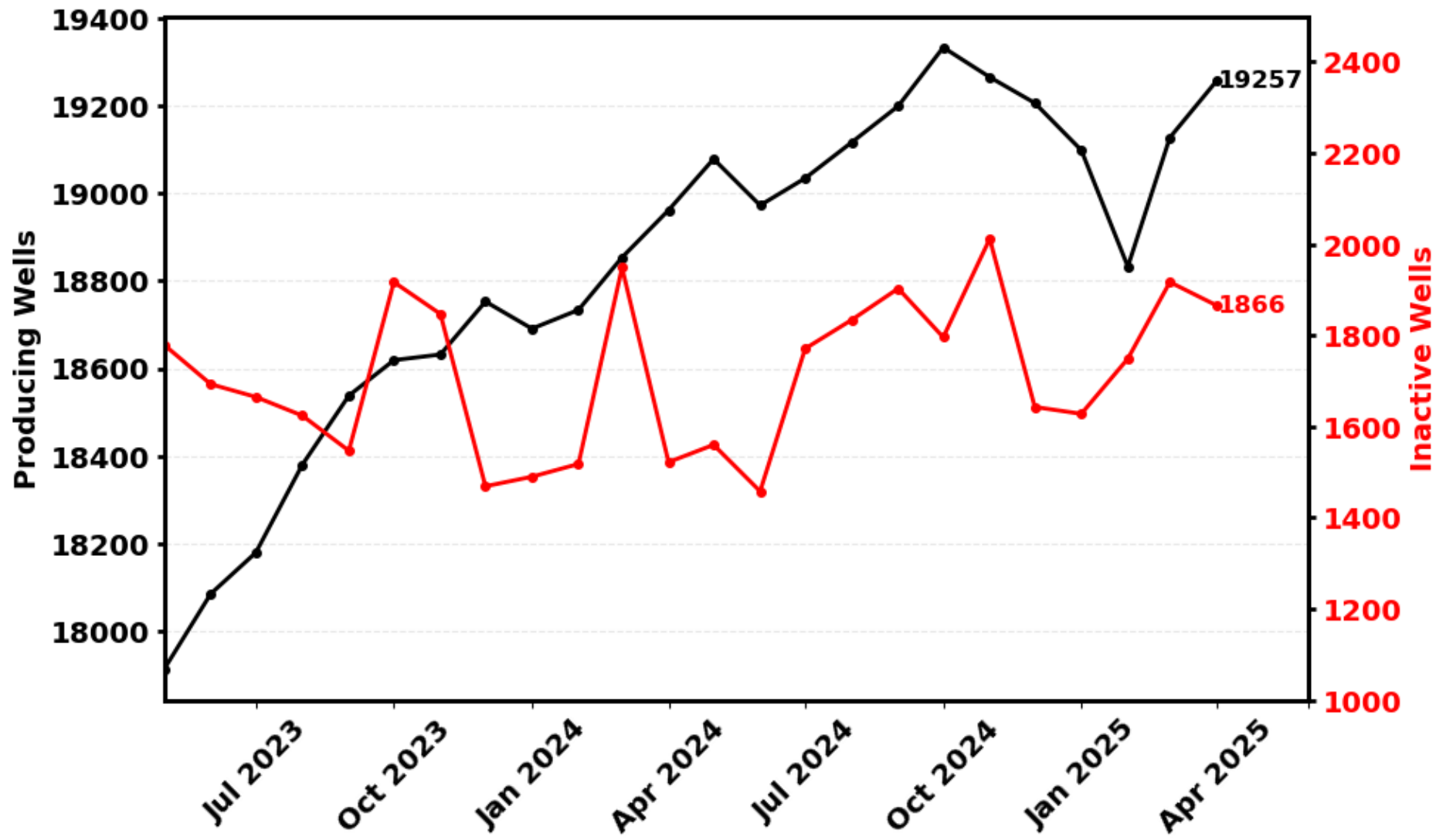
## EXTENDED REACH PERMITS

(Issued to date)

- 966 3-mile lateral permits
- 47 4-mile lateral permits



# WELL COUNT

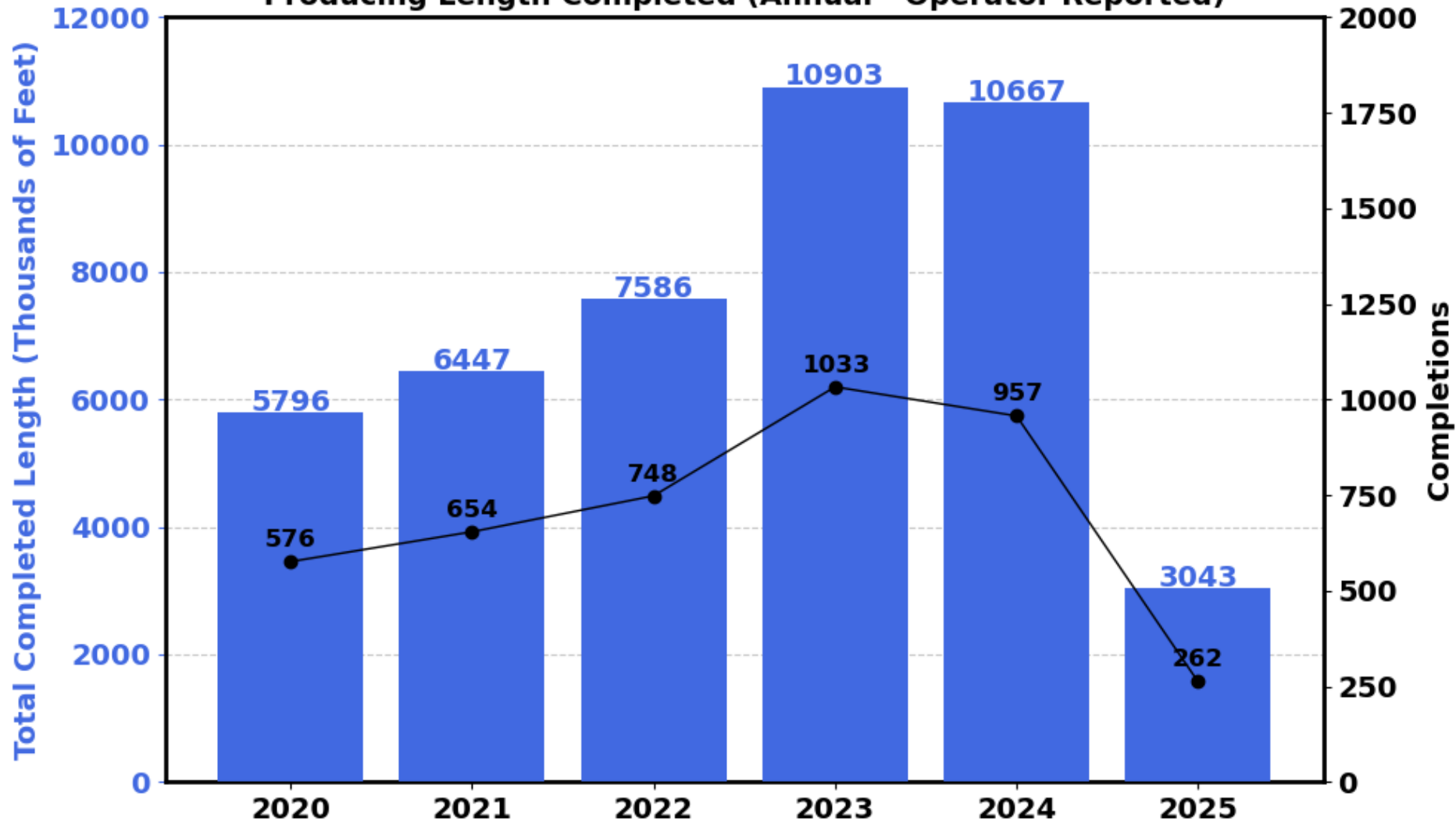


- Total number of producing wells rebounded from the extreme winter weather conditions
- Number of inactive wells is steady between 1400 and 2000, typical to be highly variable

# COMPLETED FOOTAGE OVER TIME



Producing Length Completed (Annual - Operator Reported)



## TREND OF LATERAL LENGTHS

- 2024 = 10,647,000 total feet completed
- Estimated average lateral length completed by year:
  - 2020 = 10,062
  - 2021 = 9,850
  - 2022 = 10,141
  - 2023 = 10,554
  - 2024 = 11,149

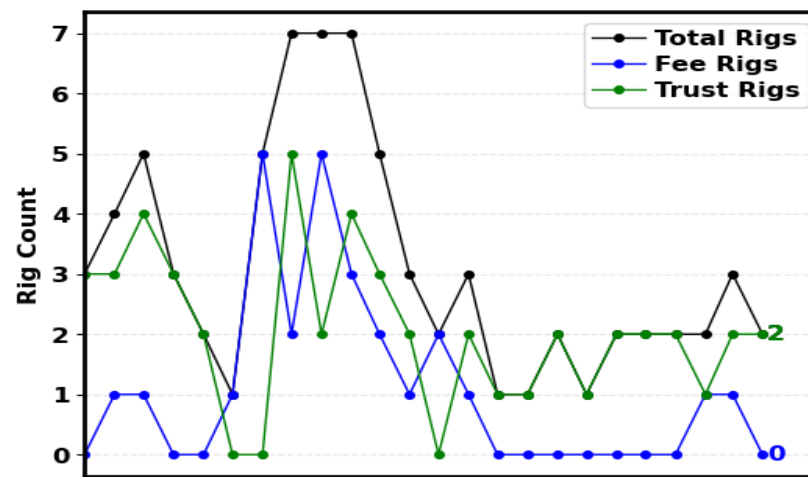
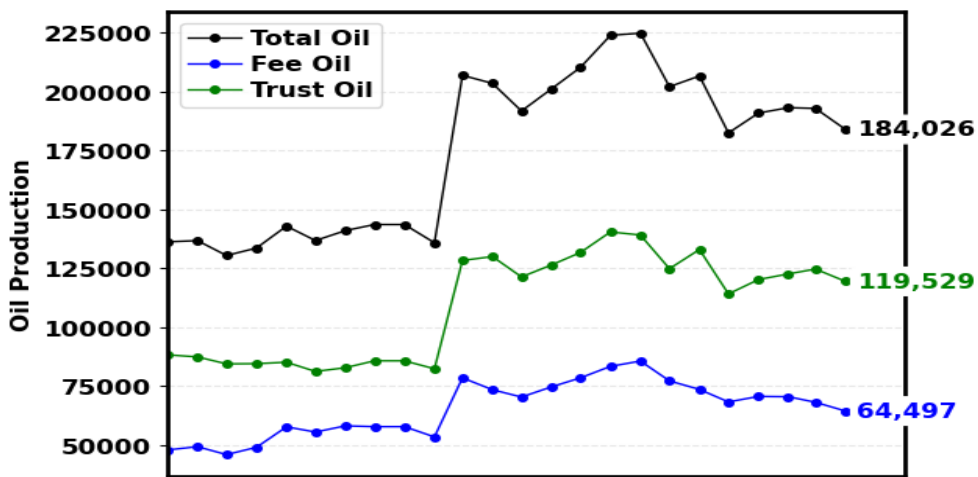
## U-SHAPED LATERAL UPDATE

*(Issued to date)*

- 15 U-Shaped lateral permits
  - 3 are 4 mile U-shaped
- 2 J-Shaped lateral permits



# FORT BERTHOLD ACTIVITY

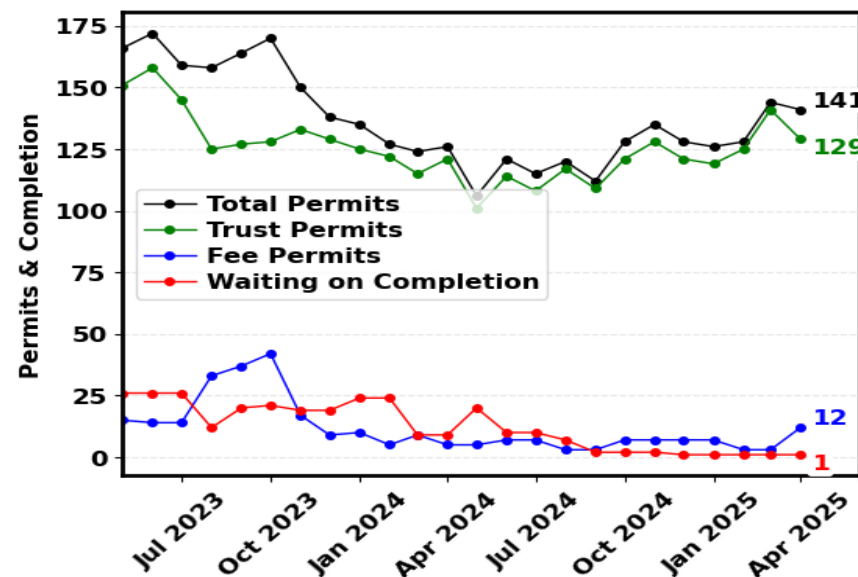
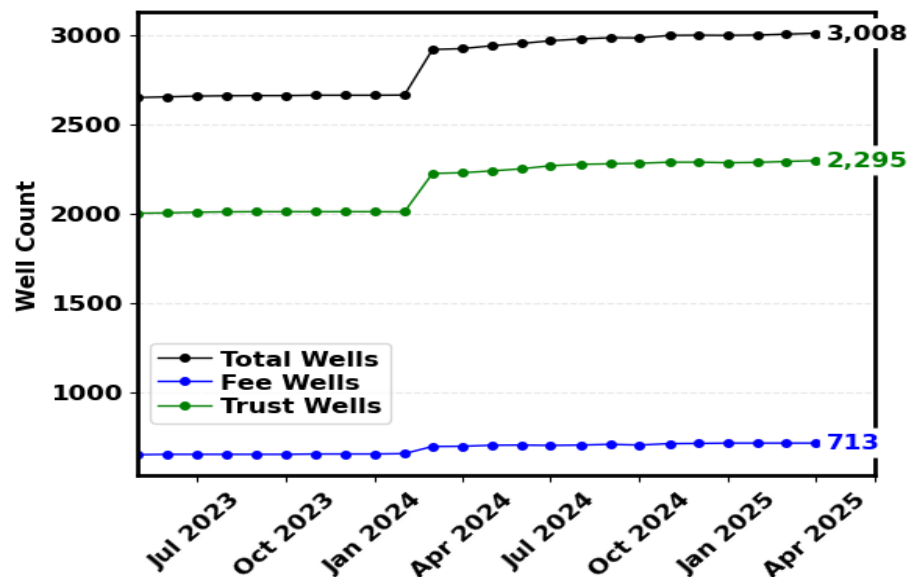


Apr. Oil Production = 184,026

- 4.6% decrease

Mar. Oil Production = 192,961

Rig count at 2



Total Active Permits = 141

- Slight decrease from last month

Number of Active Wells = 3,008

- Fee = 713
- Trust = 2,295

# GAS CAPTURE



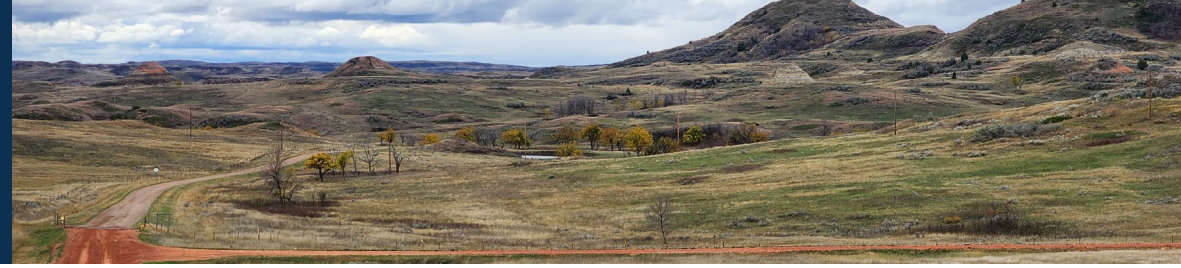
The state-wide gas flared volume from March to April decreased by 8.91 MMCF/D to 149.05 MMCF/D, the statewide gas capture increased to 95.7% while Bakken gas capture remained steady at 96.0%.

**Gas capture details are as follows:**

Statewide	95.7%
Statewide Bakken	96.0%
Non-FBIR Bakken	95.8%
FBIR Bakken	97.4%
Trust FBIR Bakken	97.4%
Fee FBIR	97.4%

The Commission has established the following gas capture goals:  
74% October 1, 2014 through December 31, 2014  
77% January 1, 2015 through March 31, 2016  
80% April 1, 2016 through October 31, 2016  
85% November 1, 2016 through October 31, 2018  
88% November 1, 2018 through October 31, 2020  
91% beginning November 1, 2020

## SUMMARY



Month and Year	April 2025
Days	30
Oil Production (bbls)	35,151,886
Average Daily Oil (bbls/day)	1,171,730
Gas Production (MCF)	104,140,397
Average Daily Gas (MCF/day)	3,471,346
Daily Average Oil Revenue Forecast (bbls/day)	1,100,000
Oil Revenue Forecast Price (\$/bbl)	70
Avg Daily Bakken-Three Forks Prod (bbls/day)	1,140,887
Bakken Production (%)	97.30
Other Production (%)	2.70
Bakken-Three Forks Wells (%)	89
Percentage Other Wells (%)	11
WTI Oil Price (\$/bbl) (current)	69.07
ND Oil Price (\$/bbl)	55.67
Henry Hub Price (USD/MMBtu)	3.68
Wells Permitted (May)	105
Wells Completed (May)	74
Waiting On Completion	293
Inactive Wells	1,866
Total Producing Wells	19,257
Fort Berthold Total Oil	184,026
Fort Berthold Fee Oil	64,497
Fort Berthold Trust Oil	119,529
Fort Berthold Total Rigs	2
Fort Berthold Fee Rigs	0
Fort Berthold Trust Rigs	2
Fort Berthold Total Wells	3,008
Fort Berthold Fee Wells	713
Fort Berthold Trust Wells	2,295
Fort Berthold Waiting On Completion	1
Fort Berthold Total Permits	141
Fort Berthold Fee Permits	12
Fort Berthold Trust Permits	129
North Dakota Rigs (current)	30
North Dakota Frac Crews (current)	13

- 2 seismic crews recording





# THANK YOU

---

DEPARTMENT OF MINERAL RESOURCES

[dmr.nd.gov](http://dmr.nd.gov) | [oilandgasinfo@nd.gov](mailto:oilandgasinfo@nd.gov) | 701.328.8020 | 1016 East Calgary Avenue, Bismarck, ND 58503

# Pipeline Authority Monthly Update

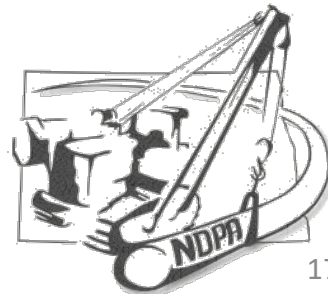
**Justin J. Kringstad**

*Geological Engineer*

*Director*

*North Dakota Pipeline Authority*

June 24, 2025



# US Williston Basin Oil Production - 2025

MONTH	ND	Eastern MT*	SD	TOTAL
January	1,175,117	74,623	2,281	1,252,021
February	1,165,405	71,303	2,282	1,238,990
March	1,193,397	75,521	2,272	1,271,190
April	1,171,730			
May				
June				
July				
August				
September				
October				
November				
December				



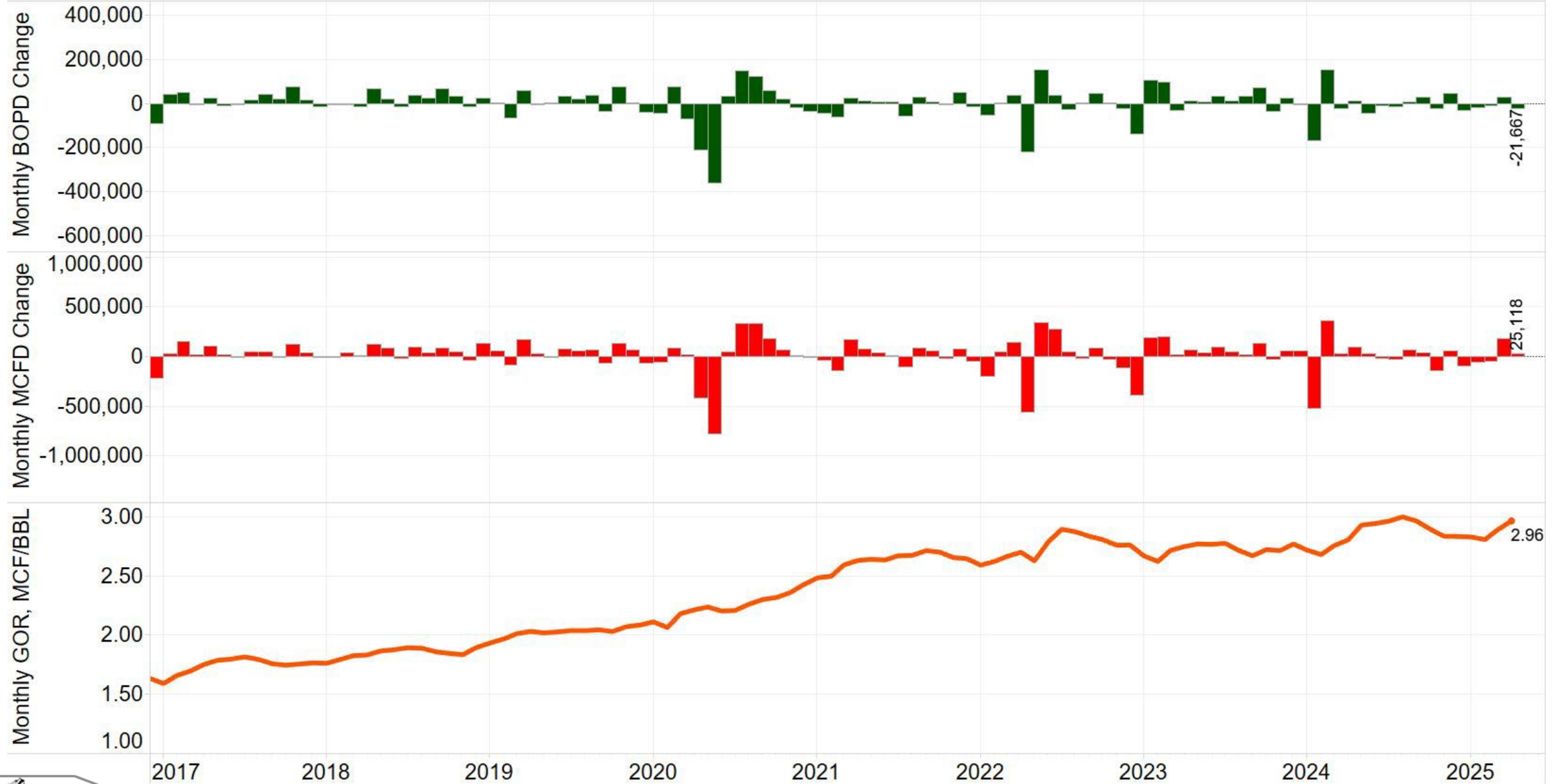


# US Williston Basin Oil Production - 2024

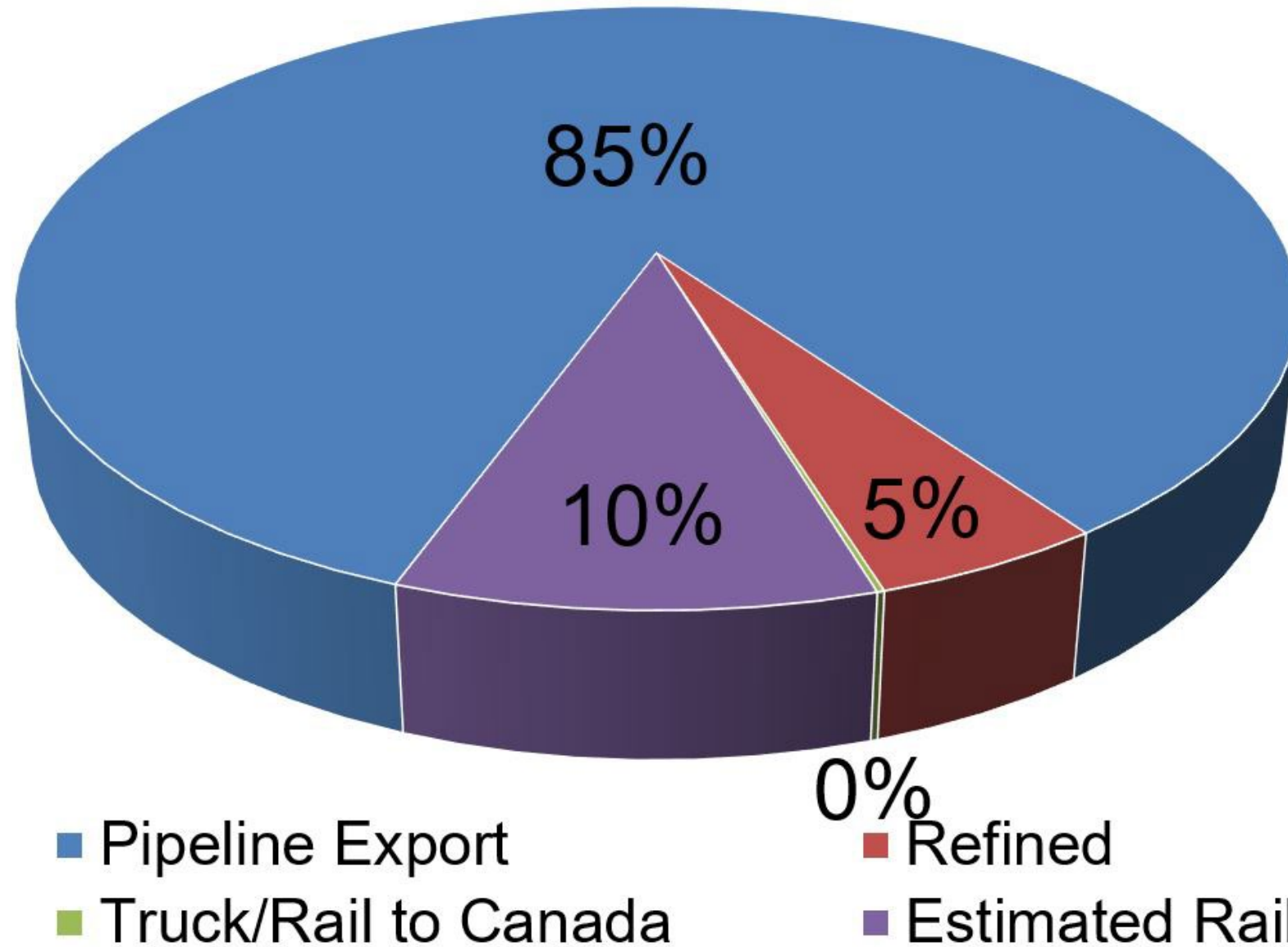
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,105,208	59,306	2,312	1,166,825
February	1,256,126	66,332	2,412	1,324,870
March	1,231,474	70,690	2,590	1,304,754
April	1,243,018	72,392	2,430	1,317,840
May	1,198,803	72,636	2,349	1,273,788
June	1,186,409	71,586	2,370	1,260,365
July	1,169,457	69,481	2,329	1,241,267
August	1,176,696	75,923	2,349	1,254,968
September	1,203,157	74,891	2,326	1,280,374
October	1,180,995	78,511	2,487	1,261,993
November	1,225,297	83,169	2,265	1,310,731
December	1,191,291	76,546	2,246	1,270,083



# North Dakota Monthly Production Change

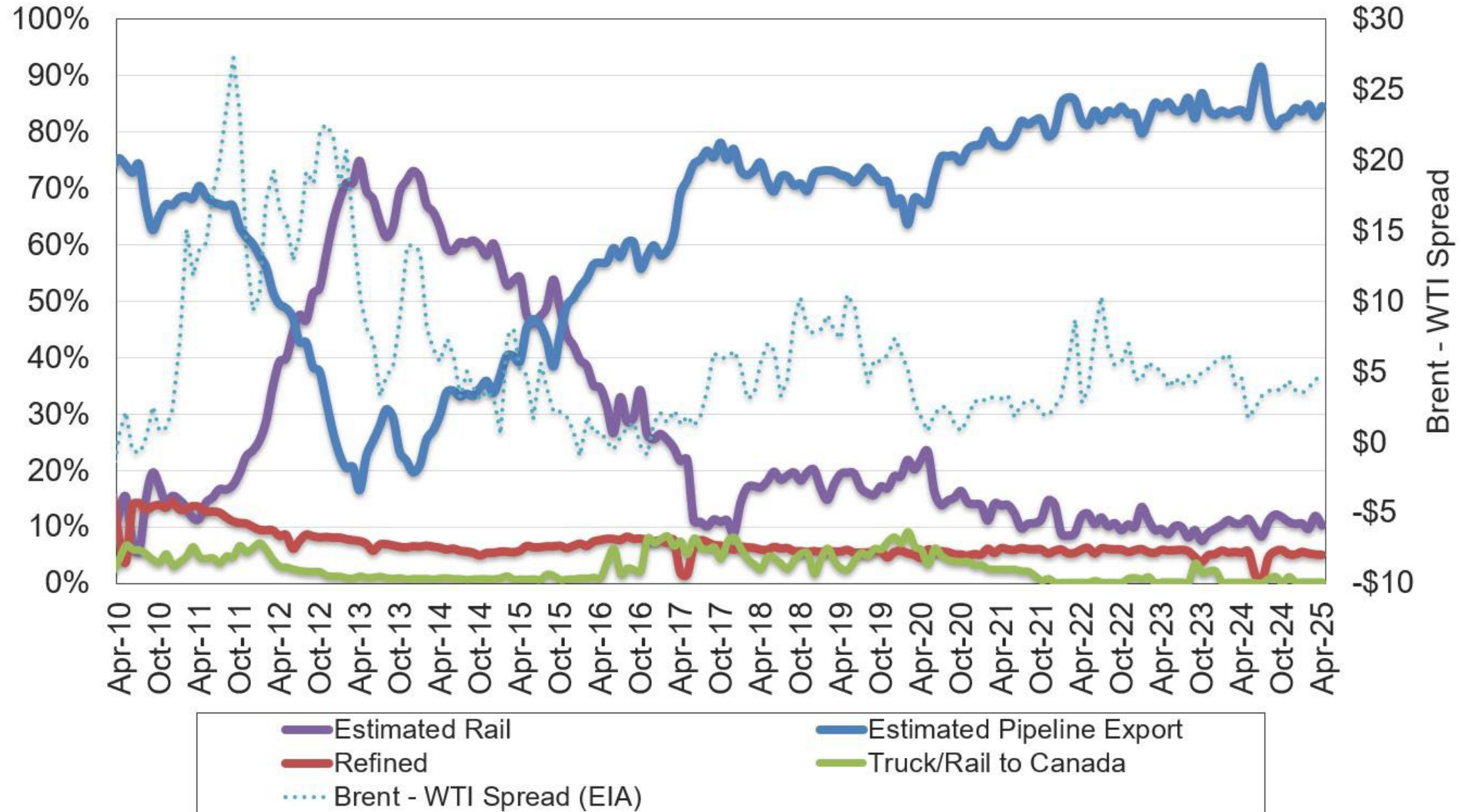


# Estimated Williston Basin Oil Transportation

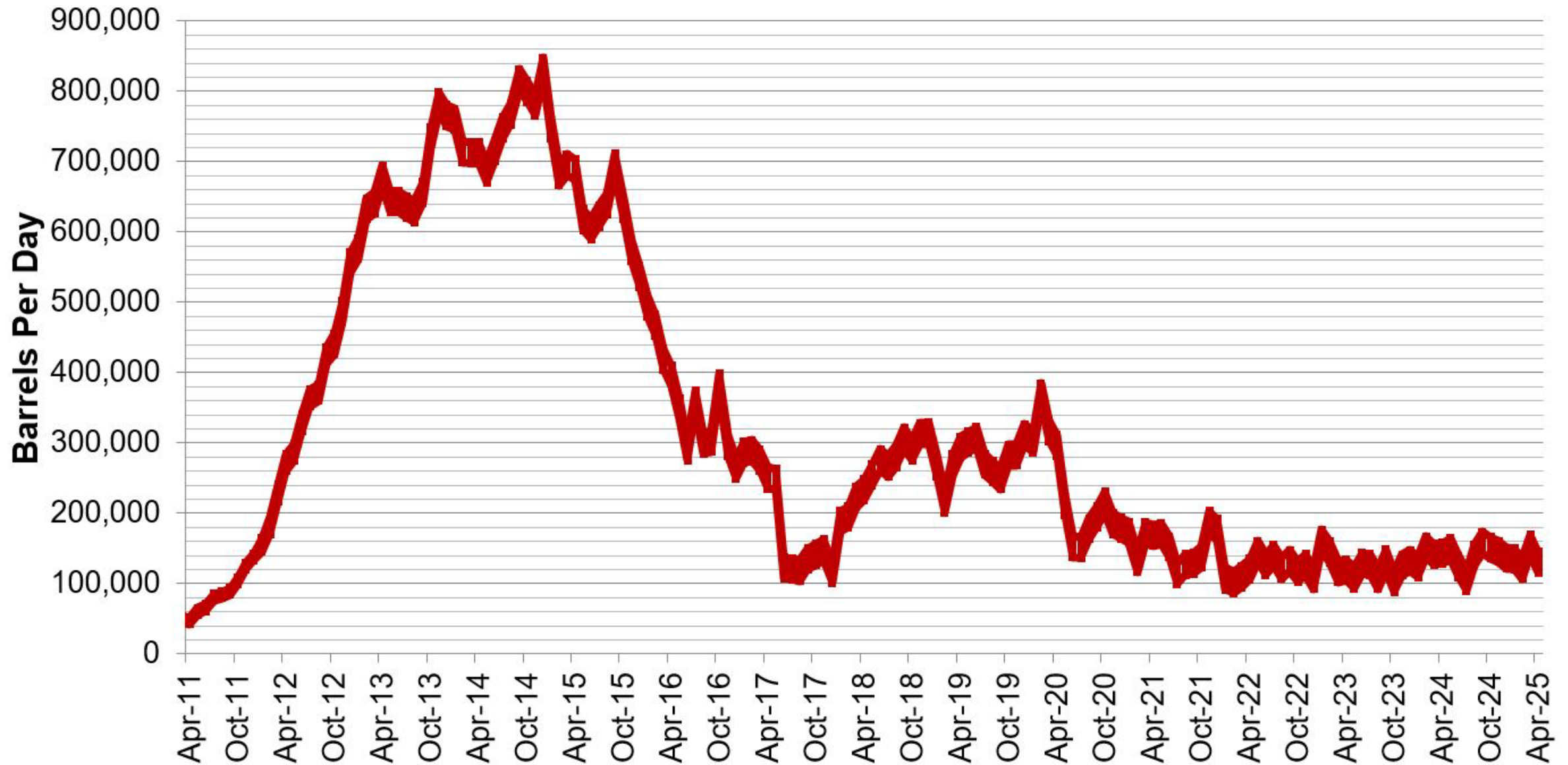




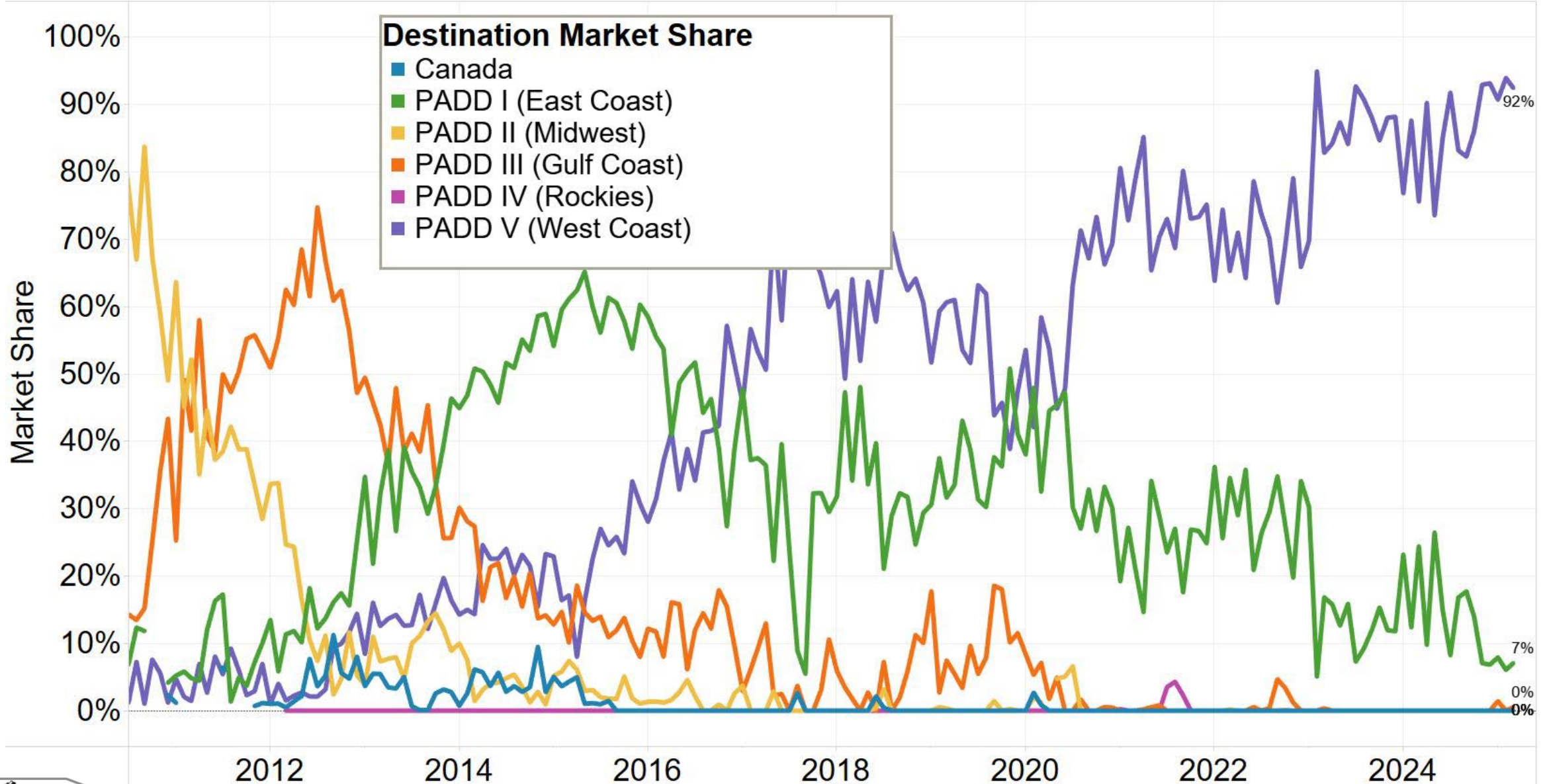
# Estimated Williston Basin Oil Transportation



# Estimated ND Rail Export Volumes

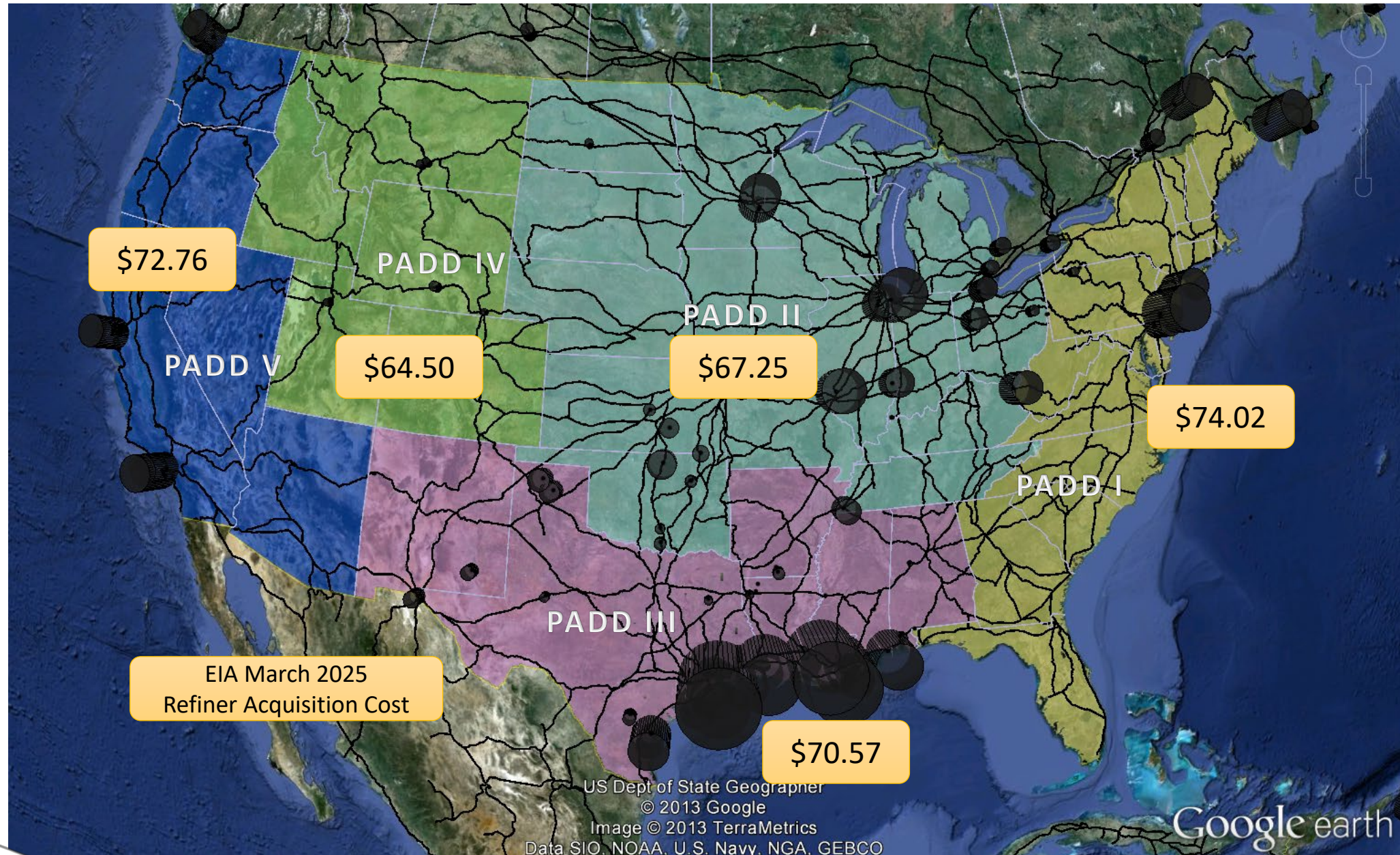


# Rail Destinations Market Share (March 2025)



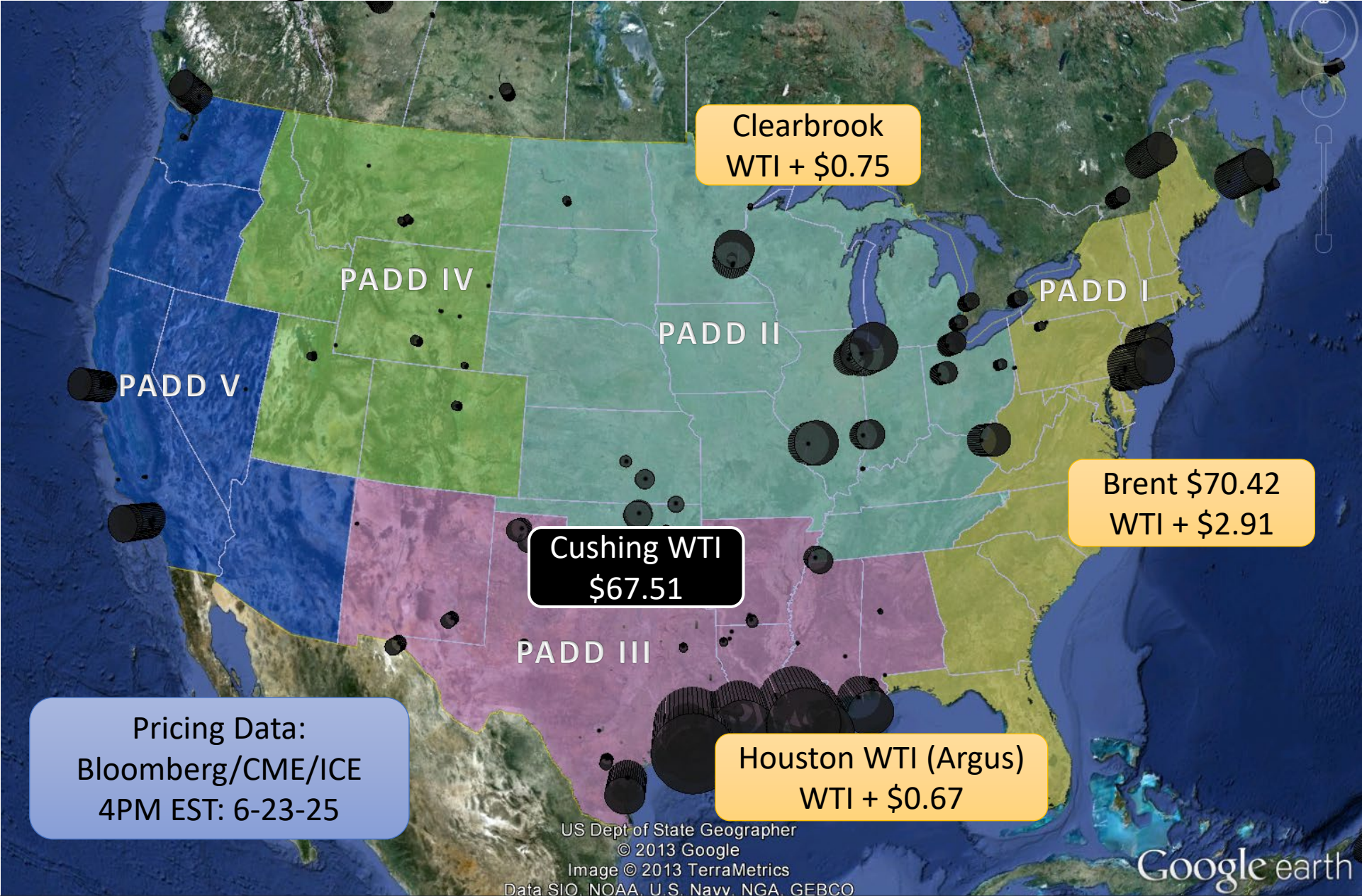


# Major Rail Lines and Refineries

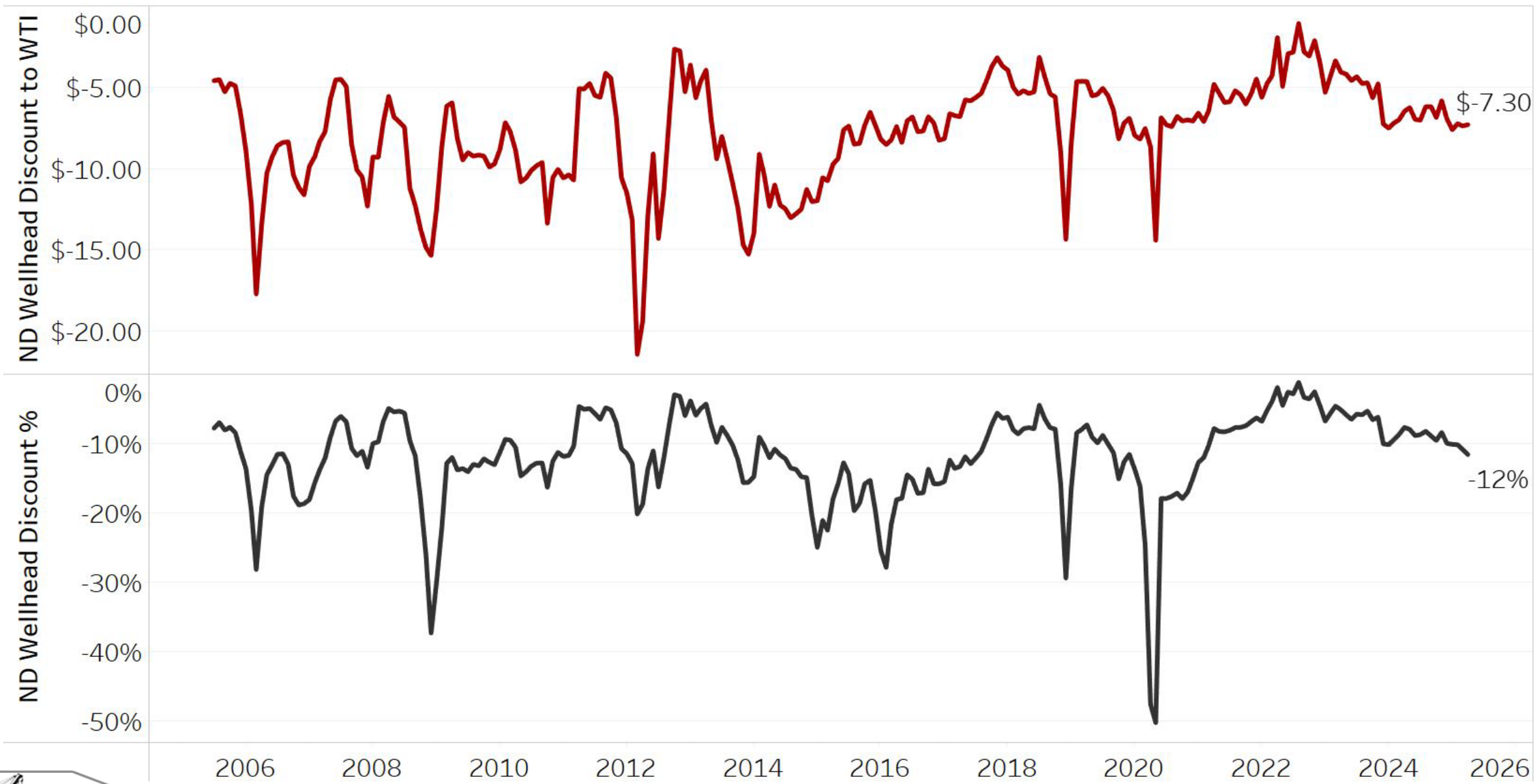




# Major Pricing Benchmarks & Refining Centers

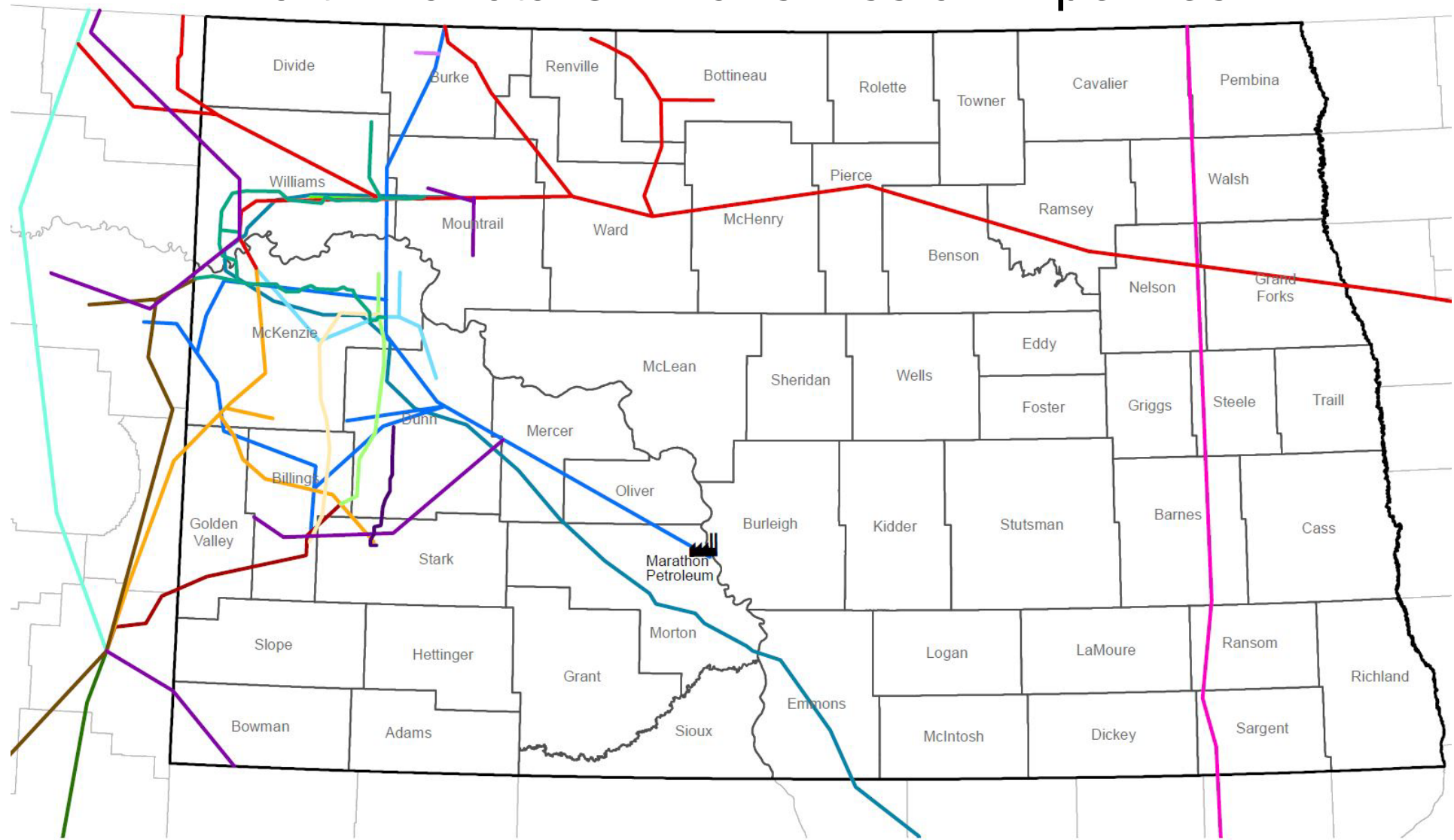


# Average North Dakota Oil “Discount” to WTI





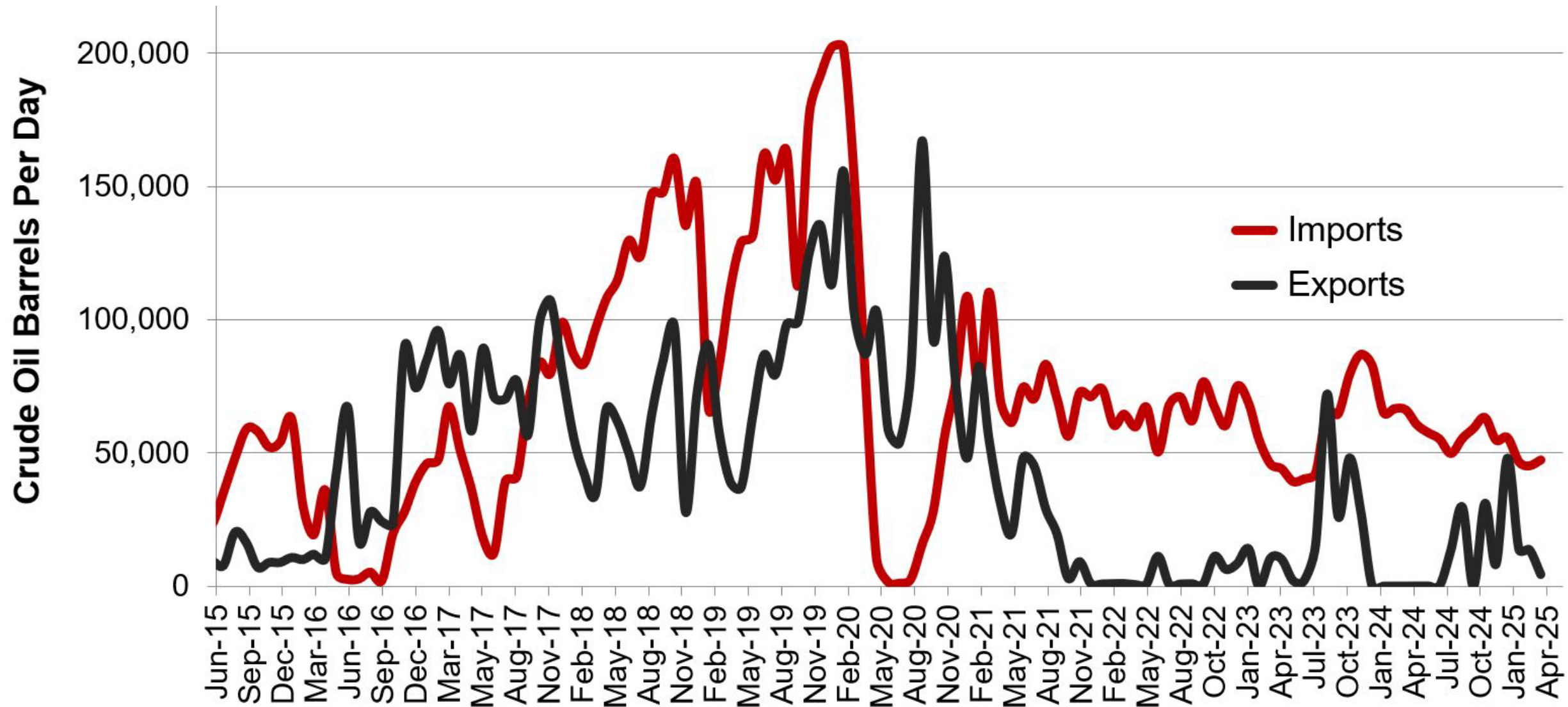
# North Dakota Oil Transmission Pipelines



- |                    |                 |               |            |                   |          |
|--------------------|-----------------|---------------|------------|-------------------|----------|
| Refinery           | Basin Transload | Butte         | Double H   | Hiland            | Bridger  |
| Bakken Oil Express | Belle Fourche   | Crestwood     | Enbridge   | Keystone Pipeline | Targa    |
| BakkenLink         | Bridger         | Dakota Access | Four Bears | Little Missouri   | Marathon |



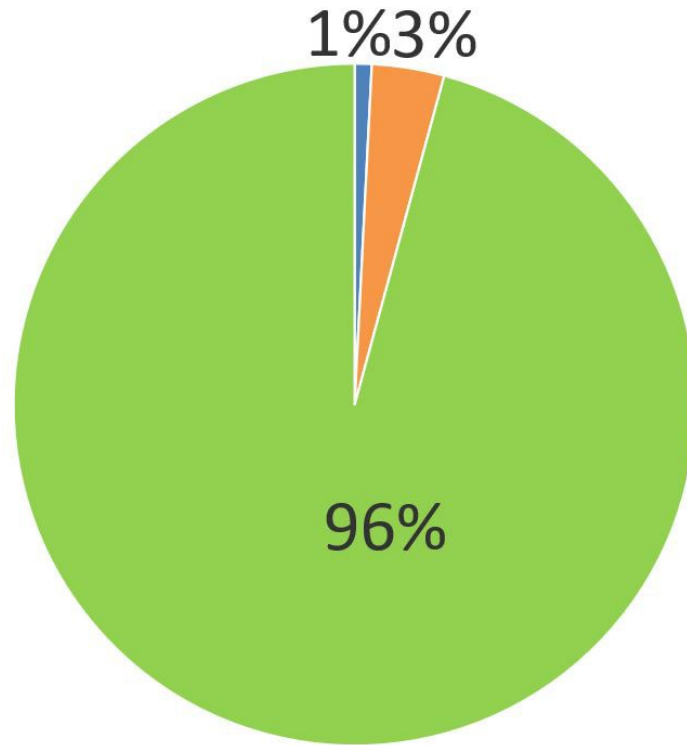
# Williston Basin Truck/Rail Imports and Exports with Canada



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

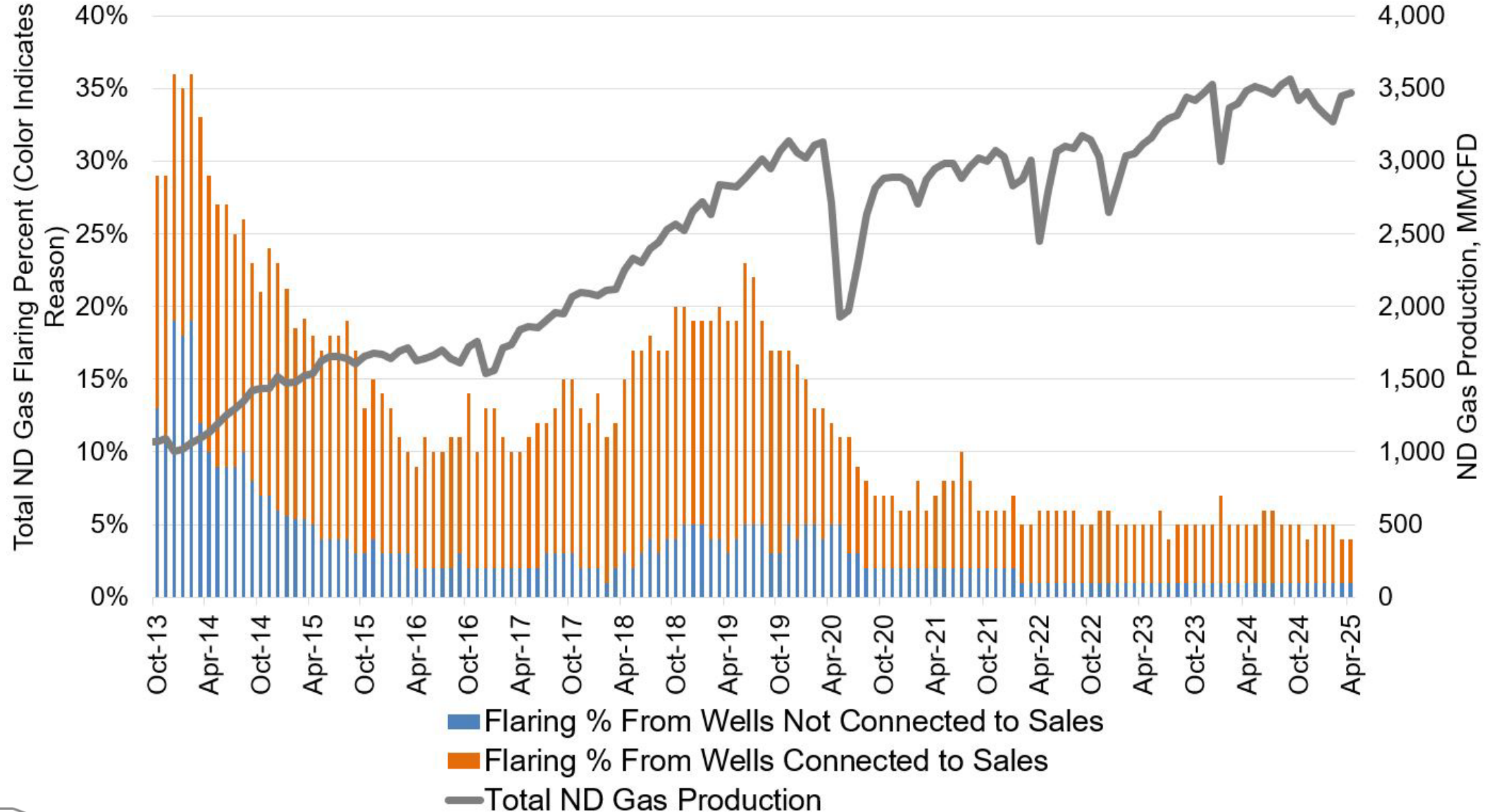
**Blue** – Lack of pipelines  
**Orange** – Challenges on existing infrastructure

April 2025 Data – Non-Confidential Wells

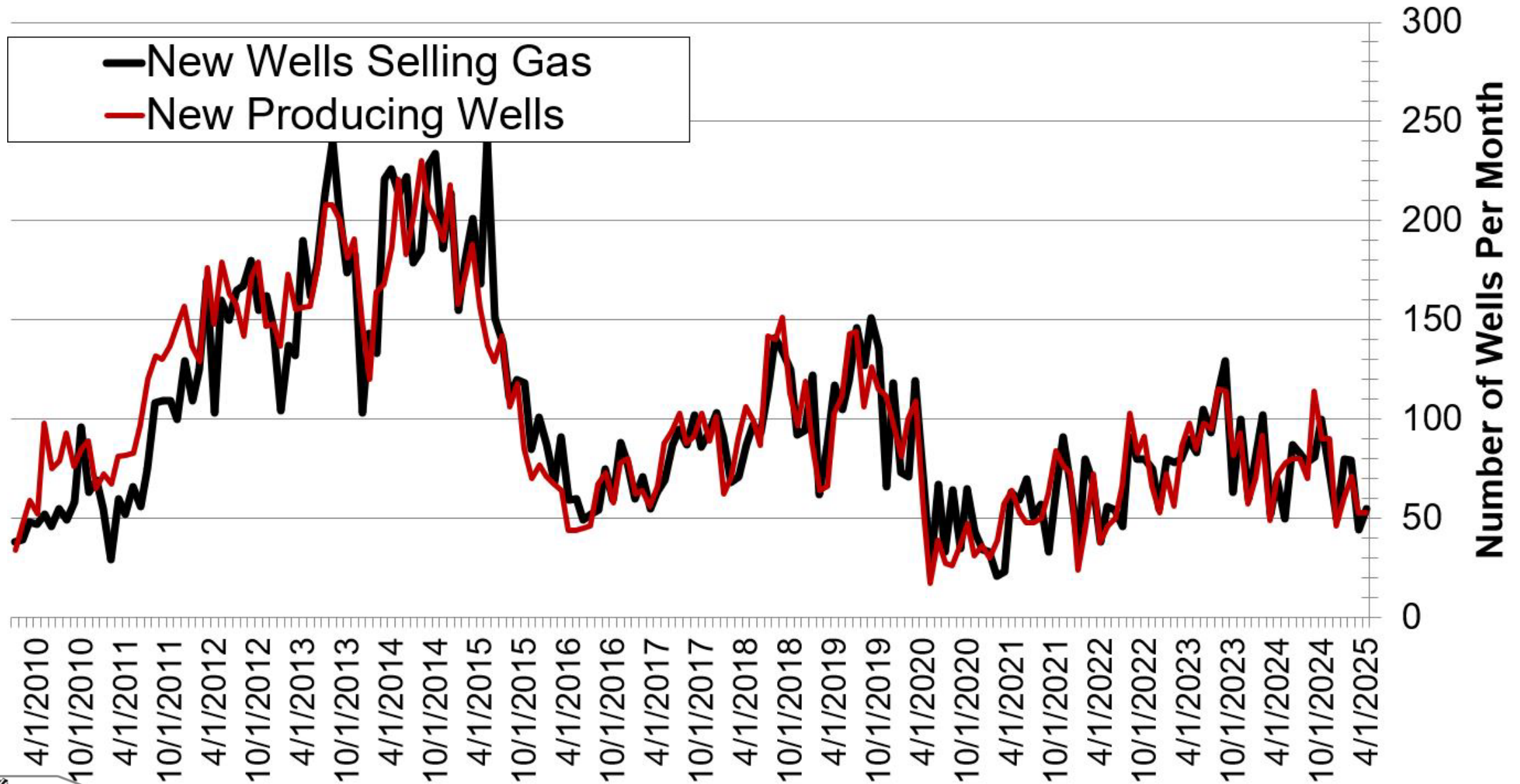




# Solving the Flaring Challenge

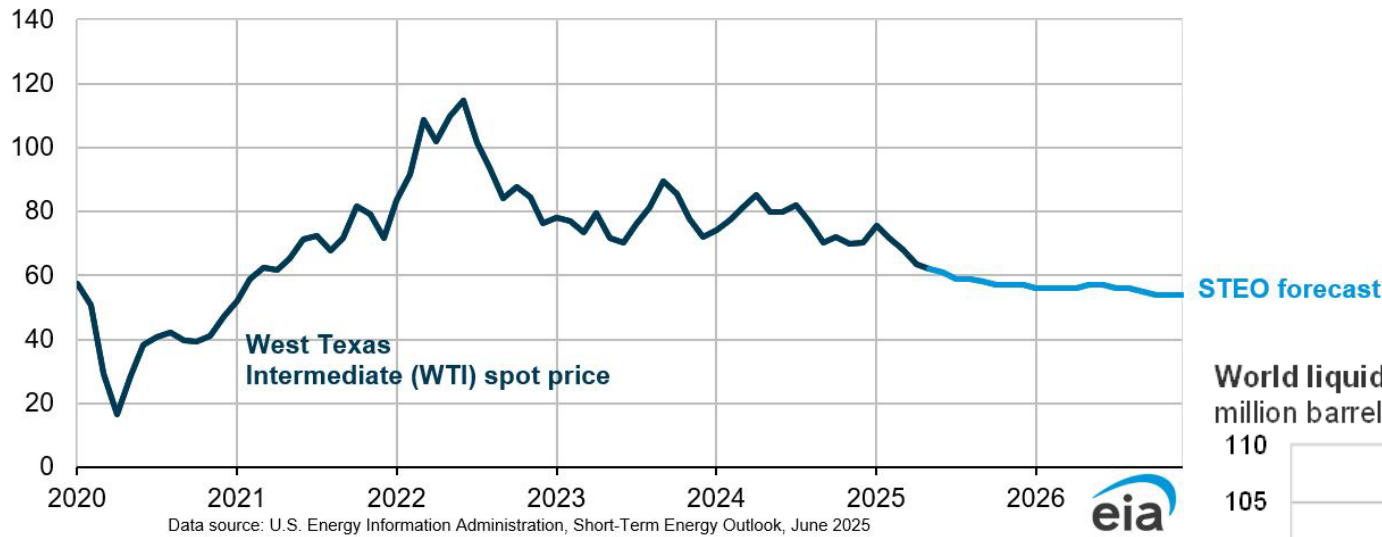


# Solving the Flaring Challenge

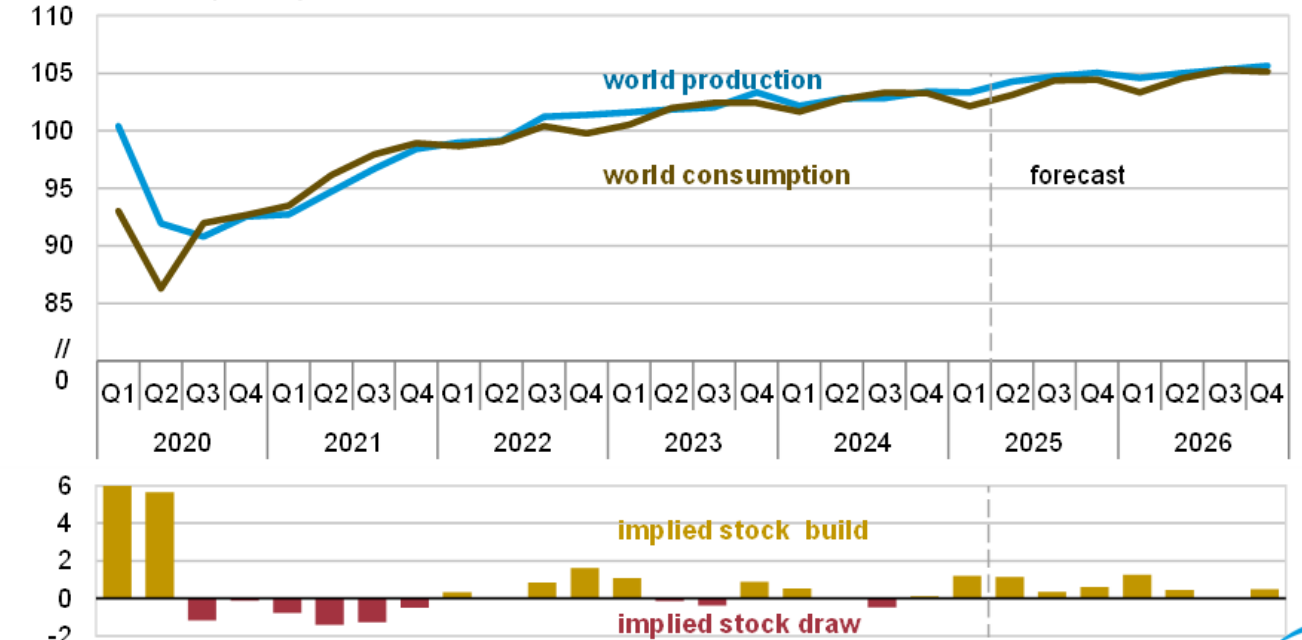


# EIA Oil Price Outlook (June 2025)

West Texas Intermediate (WTI) crude oil price  
dollars per barrel



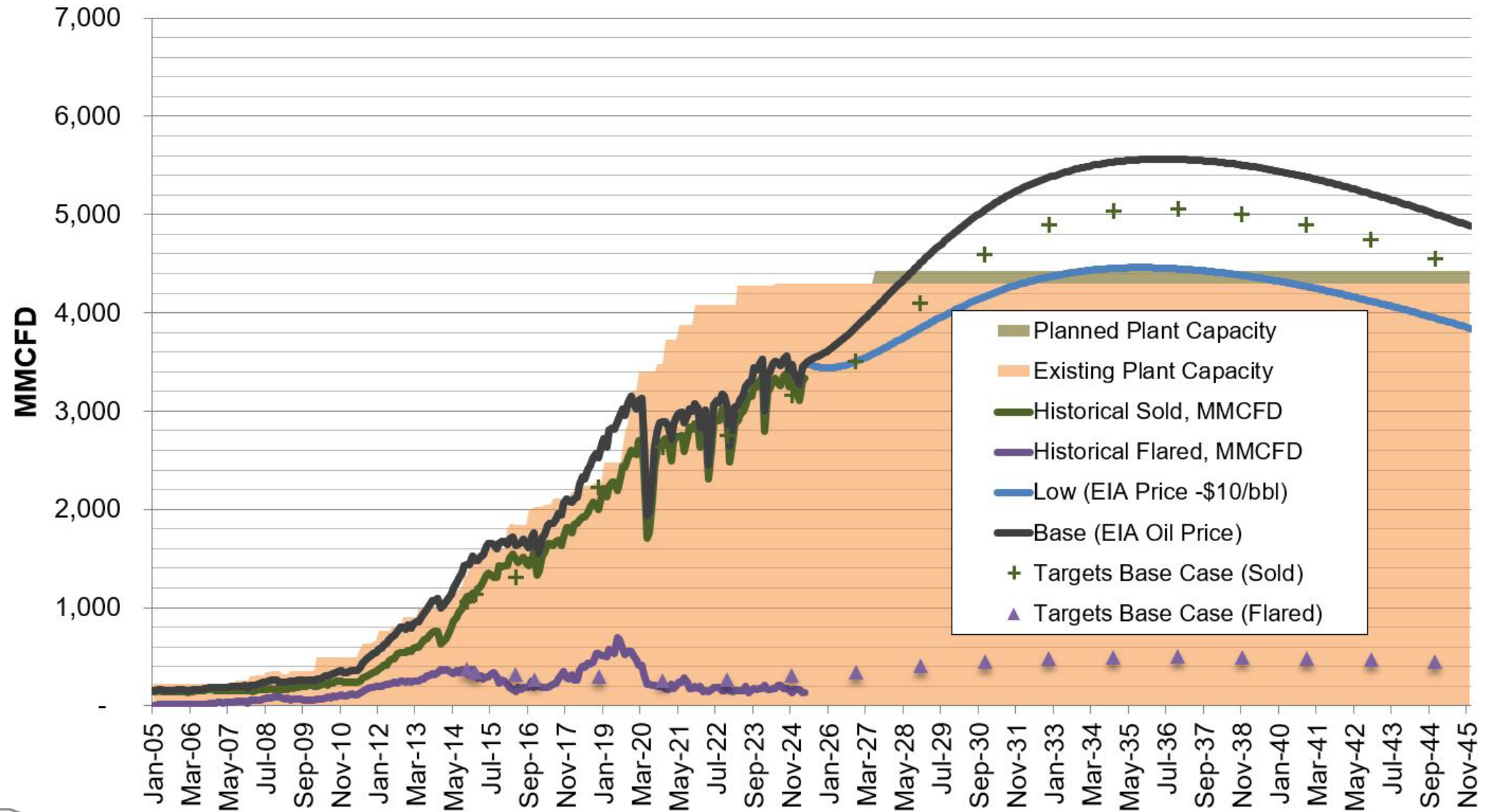
World liquid fuels production and consumption balance  
million barrels per day



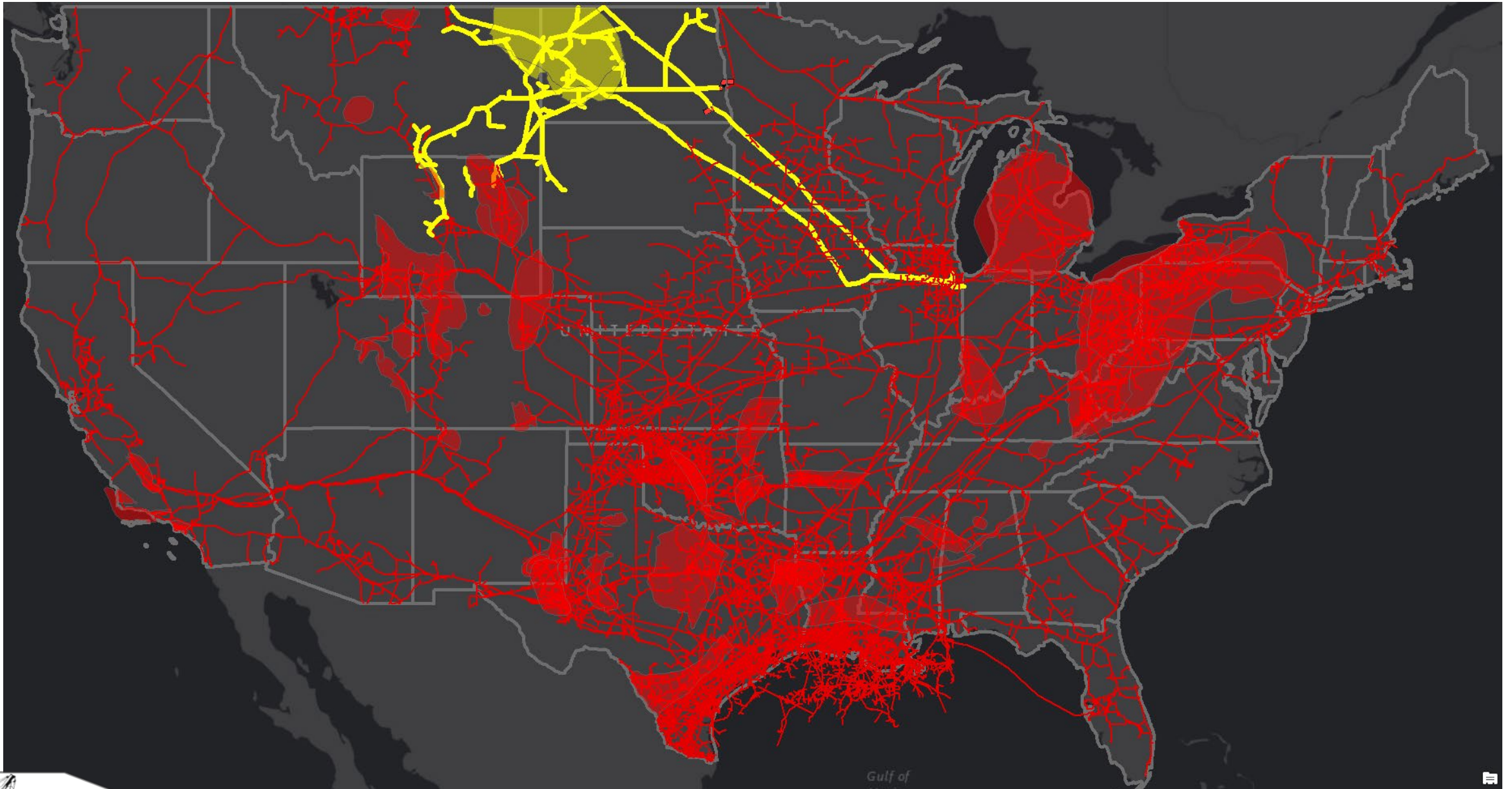
Data source: U.S. Energy Information Administration, Short-Term Energy Outlook, June 2025



# North Dakota Gas Processing Outlook

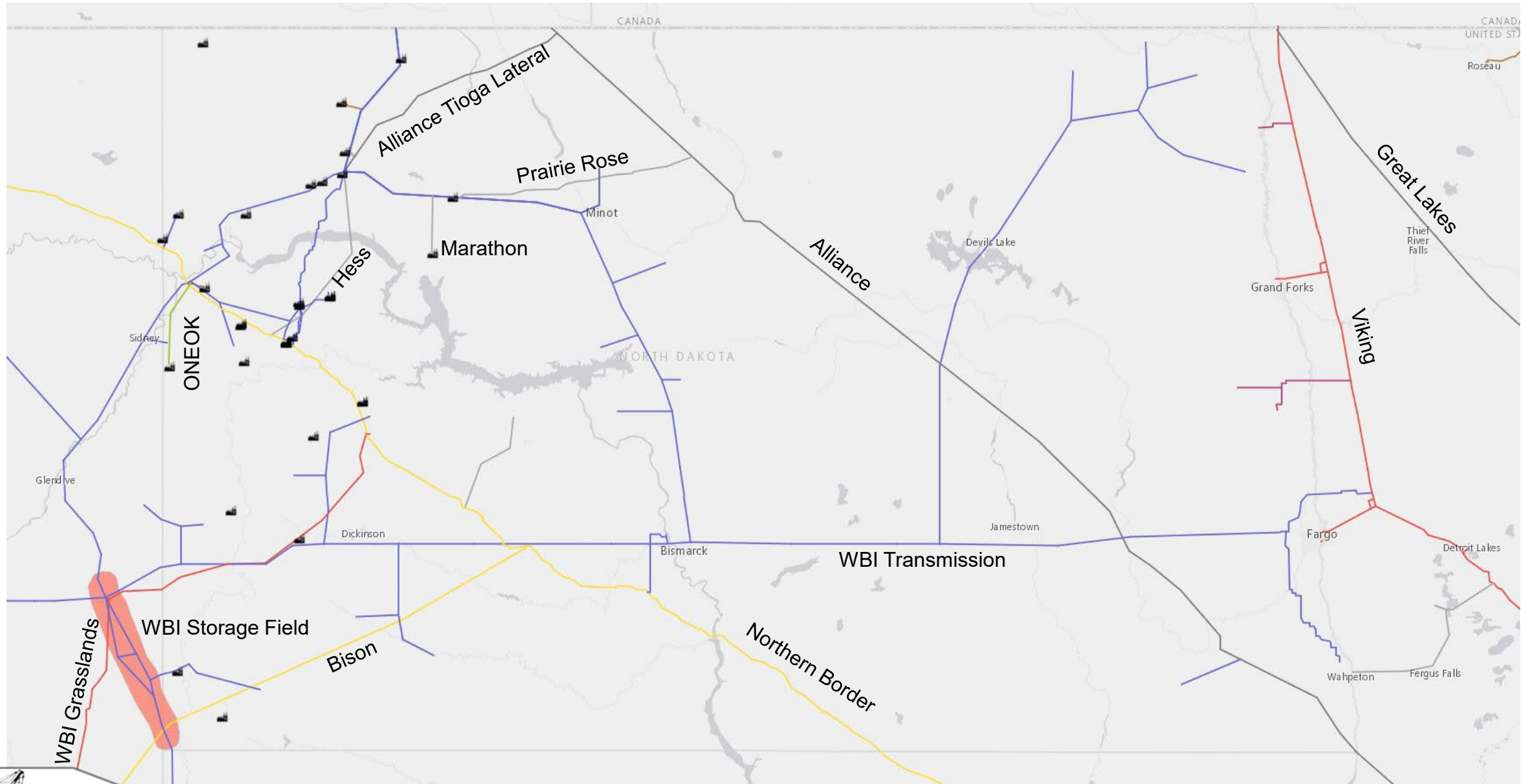


# Bakken Natural Gas Infrastructure



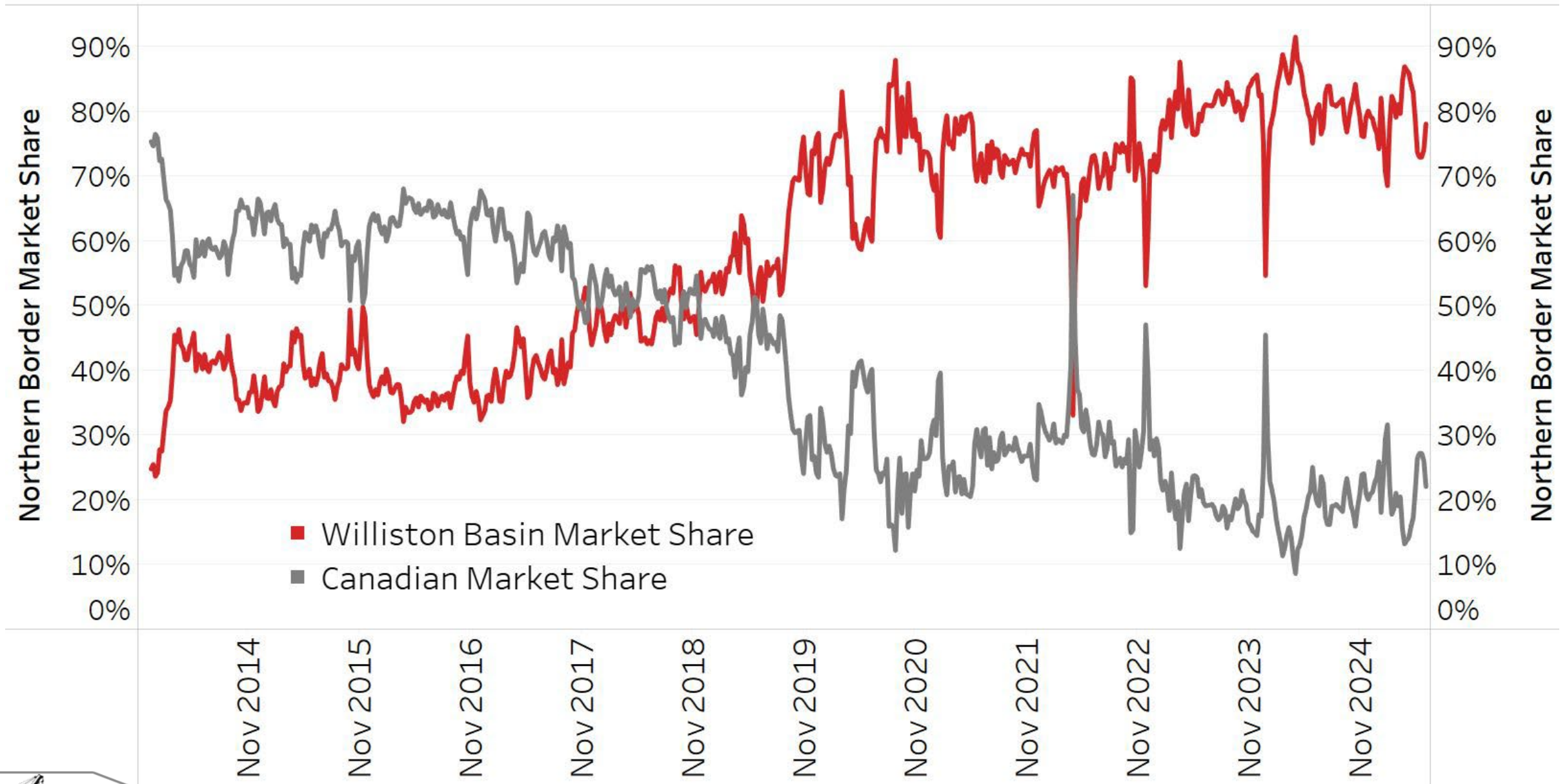


# Major Residue Gas Pipeline Infrastructure

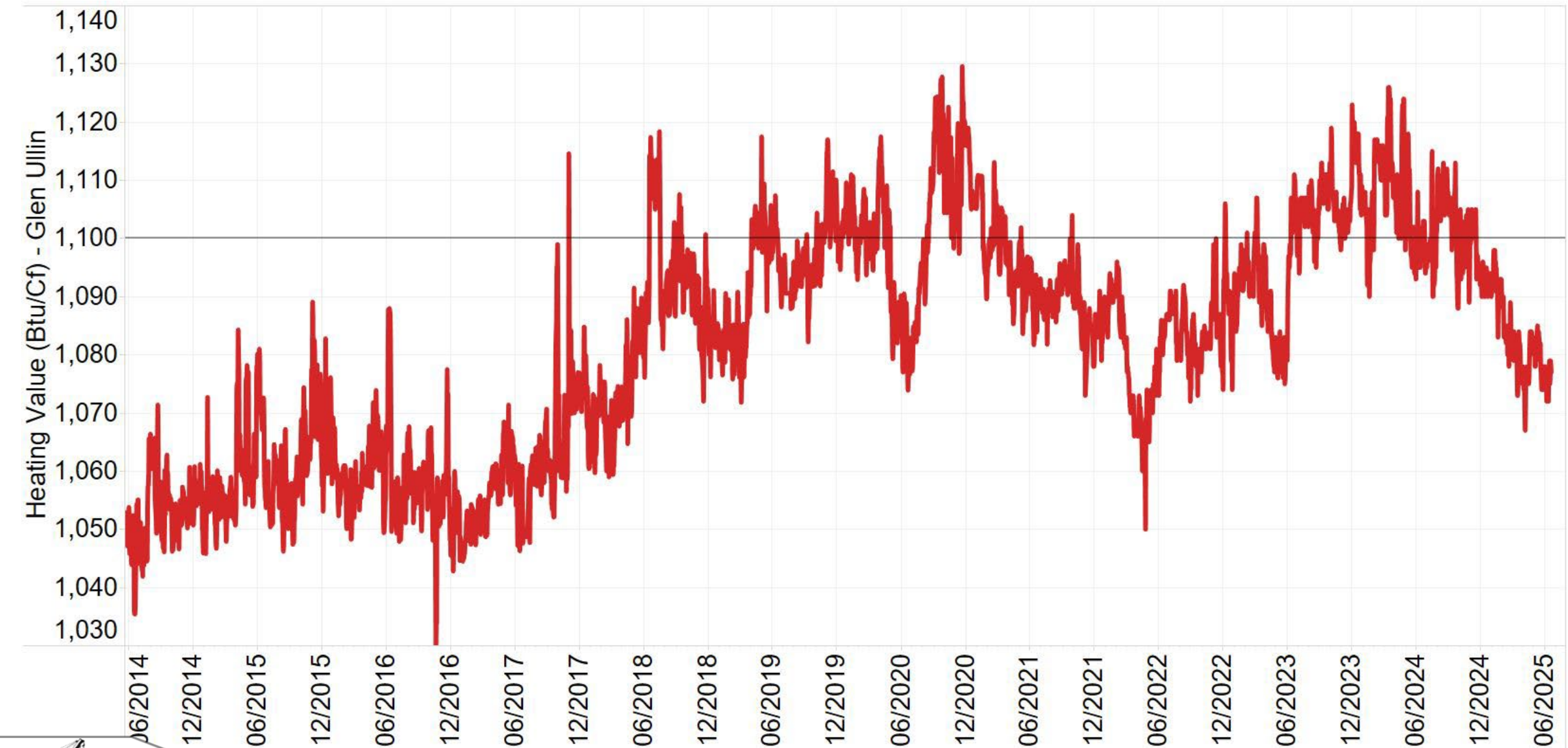




# Northern Border Pipeline Market Share



# Northern Border BTU at Glen Ullin, ND





# WBI Energy: Proposed Bakken East Project



## Natural Gas Pipeline Project Highlights

- Non-binding open season Dec 16 – Jan 31, 2025
- 375 Miles: 30" & 24" Pipe
- Proposed Capacity 760,000 Dth/Day
- Phase 1 (West) : Nov 2028 targeted in-service
- Phase 2 (East) : Nov 2029 targeted in-service
- Seeking commitments 20yrs or Longer

## Estimated Rates

- \$0.85 to \$0.90/Dth + Fuel/Electric/Commodity
- Anchor Shipper Minimum: 100,000 Dth/Day
- Foundation Shipper Minimum: 250,000 Dth/Day



# Intensity Infrastructure Partners Proposed Pipeline



## Phase 1 Project Highlights

- Non-binding open season Feb 3 – Mar 7, 2025
- 136 Miles: 42" Pipe
- Proposed Capacity 1,500,000 Dth/Day
- January 2028 targeted in-service
- Seeking commitments 10yrs or Longer

## Phase 1 Estimated Rates

- \$0.50/Dth + Fuel/Electric/Commodity
- Anchor Shipper Minimum: 100,000 Dth/Day
- Foundation Shipper Minimum: 250,000 Dth/Day

## Phase 2 Project Highlights

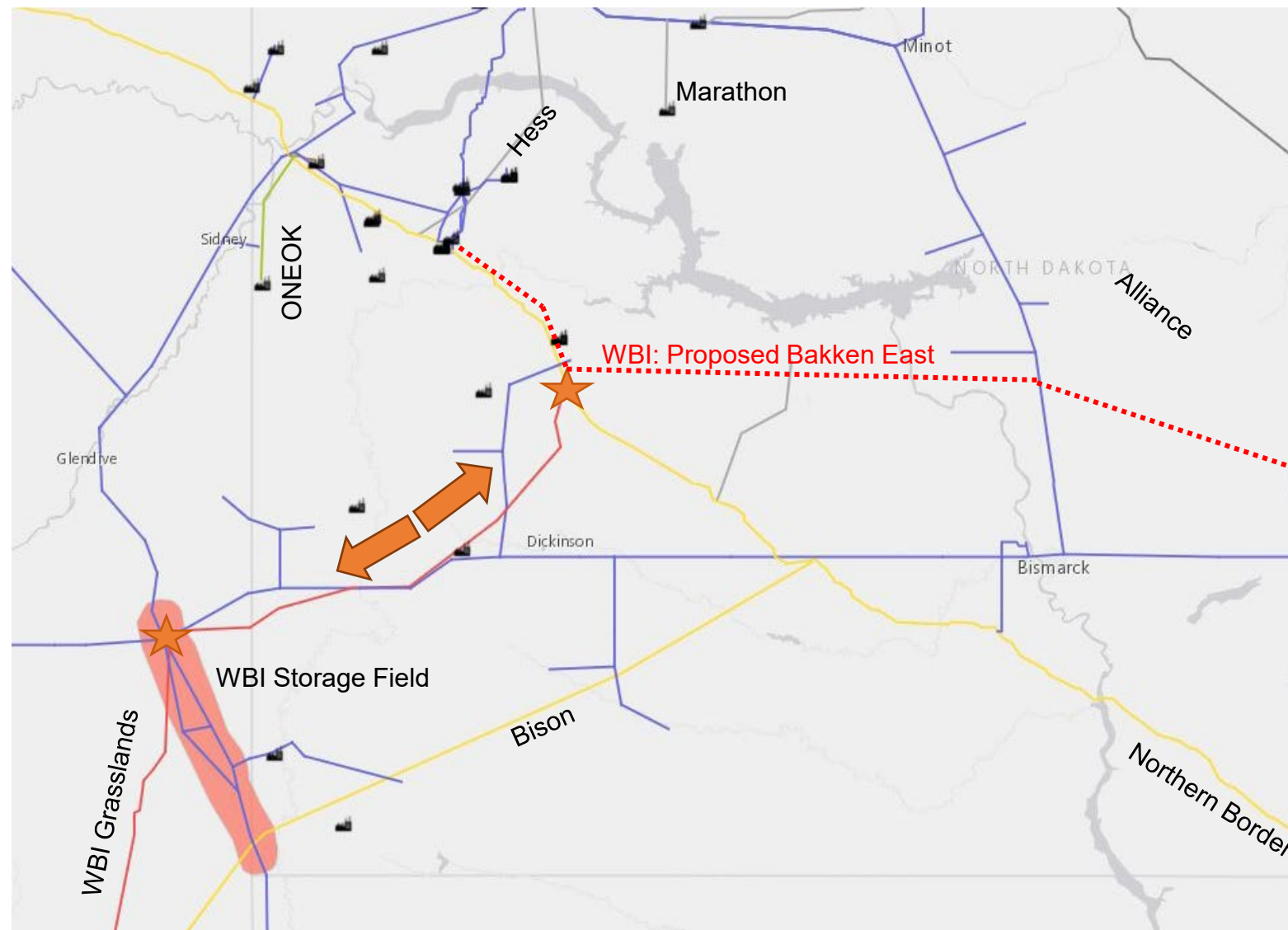
- Non-binding open season Apr 17 – May 23, 2025
- 208 Miles: 30" Pipe
- Proposed Capacity 430,000 Dth/Day
- January 2030 targeted in-service
- Seeking commitments 10yrs or Longer

## Phase 2 Estimated Rates

- \$0.80/Dth + Fuel/Electric/Commodity
- Anchor Shipper Minimum: 100,000 Dth/Day
- Foundation Shipper Minimum: 250,000 Dth/Day



# WBI Energy Open Season: Storage/Pipe Enhancement



## Firm Transportation Project Highlights

- Non-binding open season Apr 21 – May 20, 2025
- Pipeline expansion: 72,000 Dth/Day
- Oct 2029 targeted in-service
- Seeking commitments 15yrs or longer
- Pipe looping and new/upgraded compression

## Estimated Rates (+Fuel/Elec/Commodity)

- Capacity reservation: \$0.58156/Dth

## Storage Project Highlights

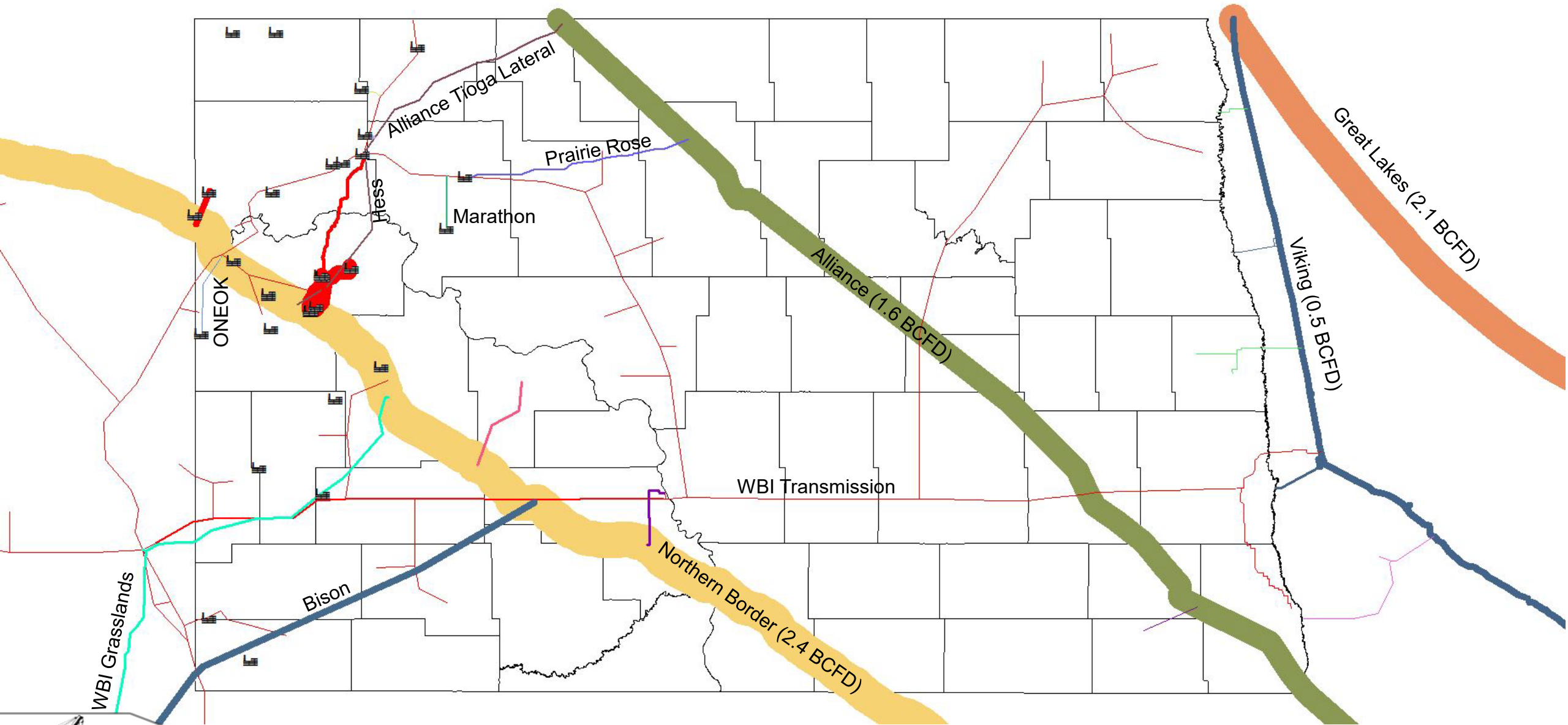
- Non-binding open season Apr 21 – May 20, 2025
- Deliverability expansion: 72,000 Dth/Day
- Up to ~10 BCF total of new seasonal service
- Oct 2029 targeted in-service
- Seeking commitments 15yrs or longer

## Estimated Rates (+Fuel/Elec/Commodity)

- Capacity reservation: \$0.002113/Day
- Deliverability reservation: \$0.31901/Day
- Injection charge: \$0.00959/Dth
- Withdrawal charge: \$0.00959/Dth

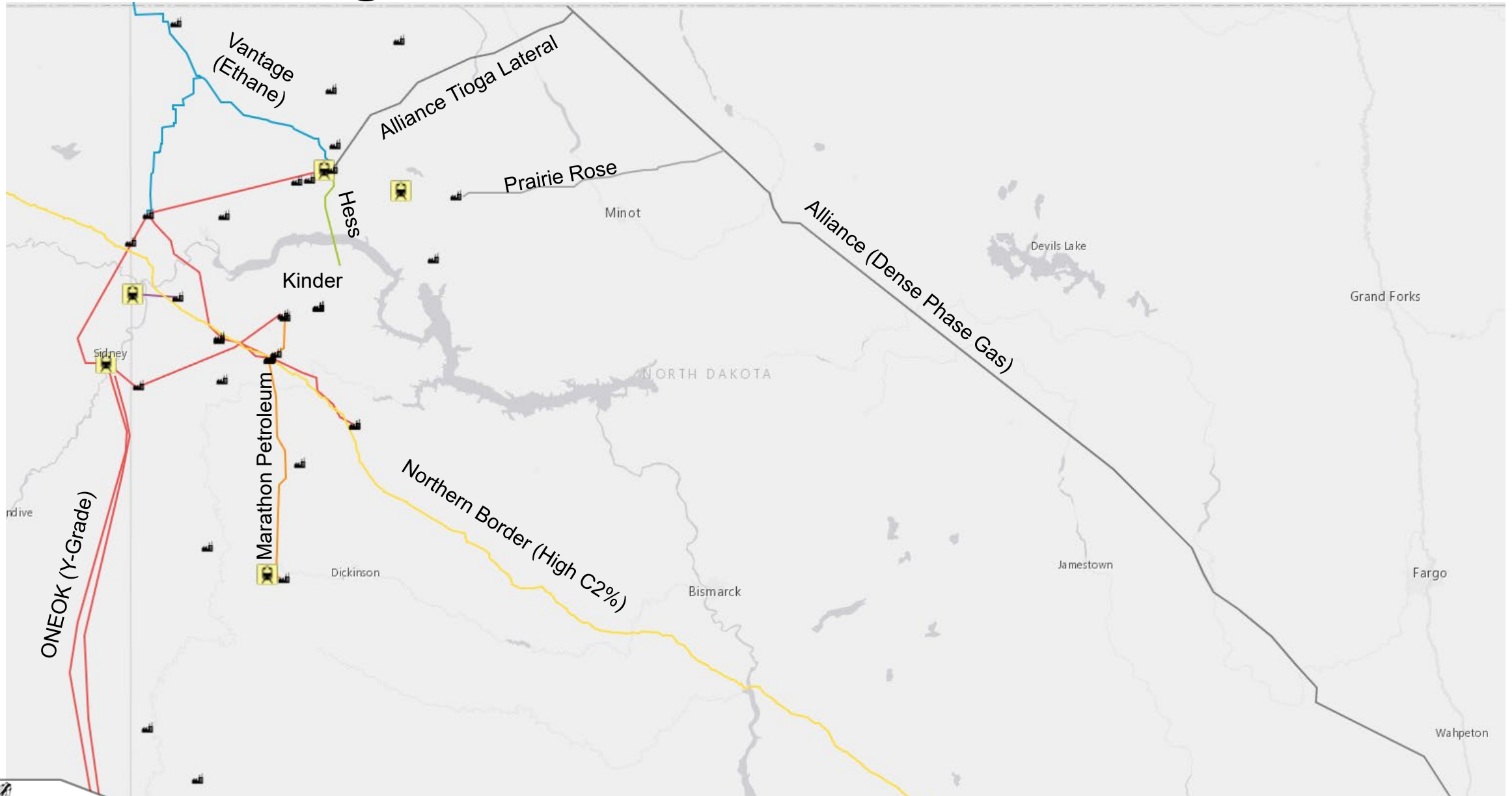


# Residue Gas Pipeline Capacity Visualization





# Regional NGL Infrastructure



# Contact Information

Justin J. Kringstad, Director  
North Dakota Pipeline Authority

600 E. Boulevard Ave. Dept. 405  
Bismarck, ND 58505-0840

Phone: (701)220-6227  
E-mail: [jjkringstad@ndpipelines.com](mailto:jjkringstad@ndpipelines.com)



**Know what's below.  
Call before you dig.**

Website:

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

