



# DIRECTOR'S CUT

March 19, 2026



## 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:



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Director  
Department of Mineral Resources



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

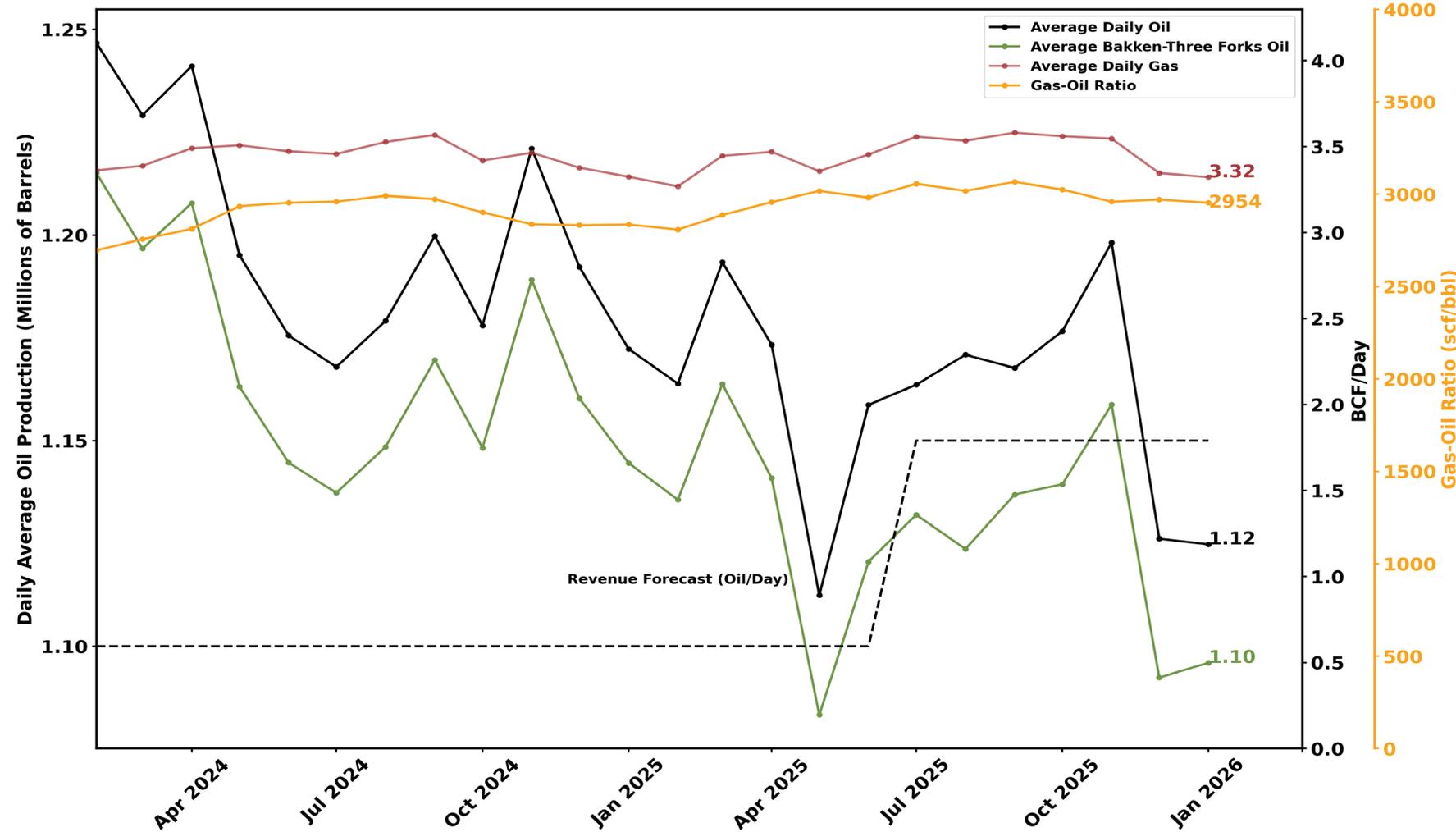




# NORTH DAKOTA PRODUCTION

**Statewide Production**  
 Bakken 97.4%  
 Other 2.6%

**Producing Wells**  
 Bakken 90%  
 Other 10%



## OIL PRODUCTION:

- January: 34,867,744 bbls = 1,124,766 bbls/day
- December: 34,910,916 bbls = 1,126,159 bbls/day
  - 2.19% below Revenue Forecast (RF = 1,150,000 bbls/day)
  - -0.12% from December to January
  - -1,393 bbls/day December to January
- Bakken/Three Forks Production
  - 1,095,985 bbls/day or 97.4%
- Non-Bakken/Three Forks Production
  - 28,781 bbls/day or 2.6%

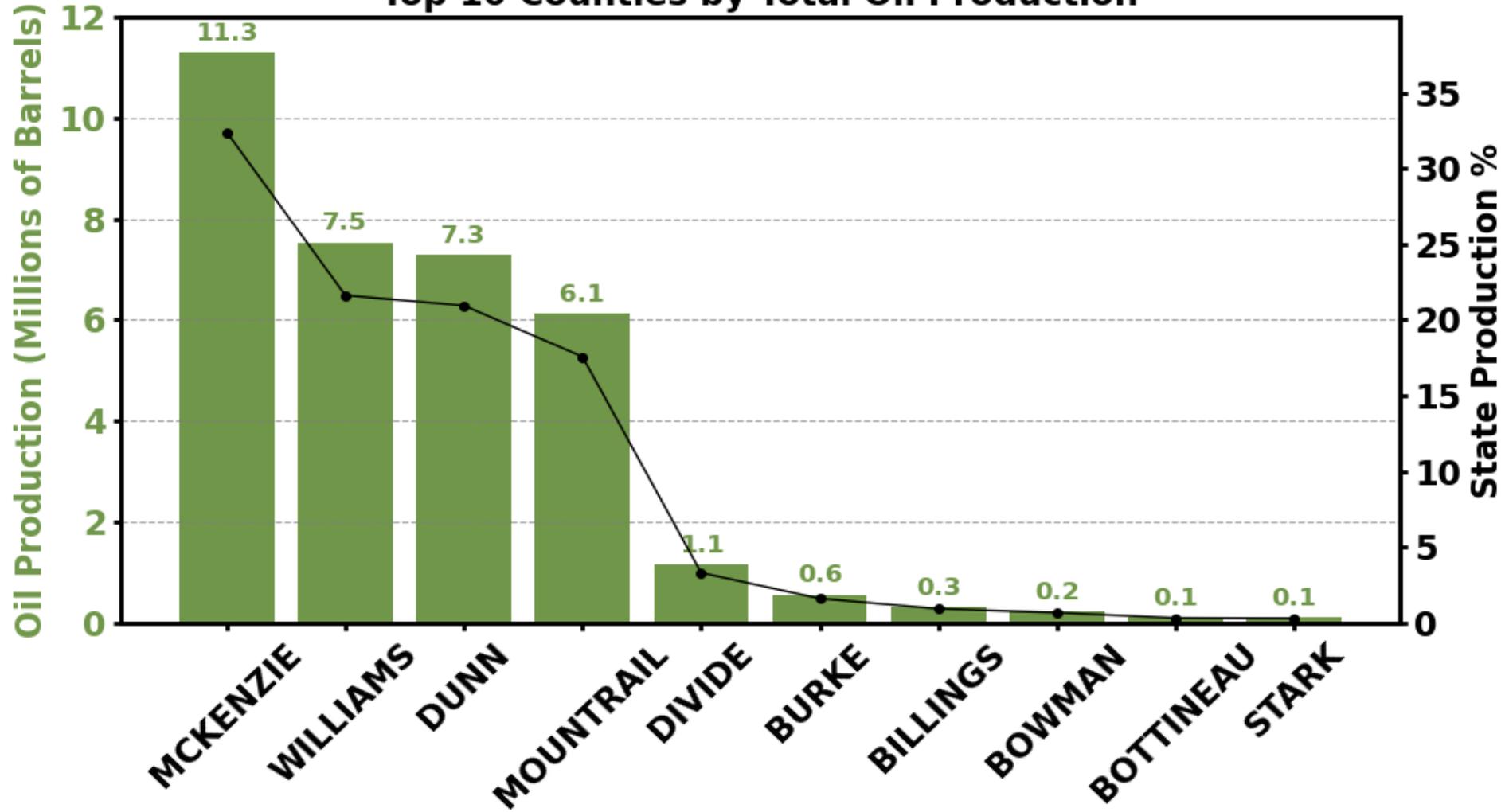
## GAS PRODUCTION:

- January: 103.0 BCF/Month = 3.322 BCF/Day
- December: 103.7 BCF/Month = 3.346 BCF/Day
  - -0.72% from December to January



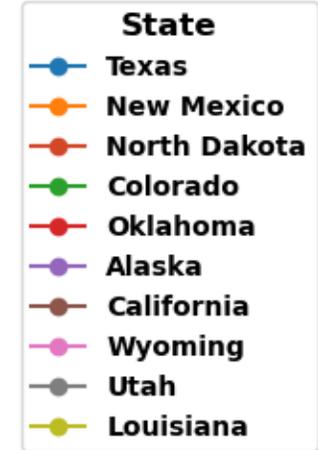
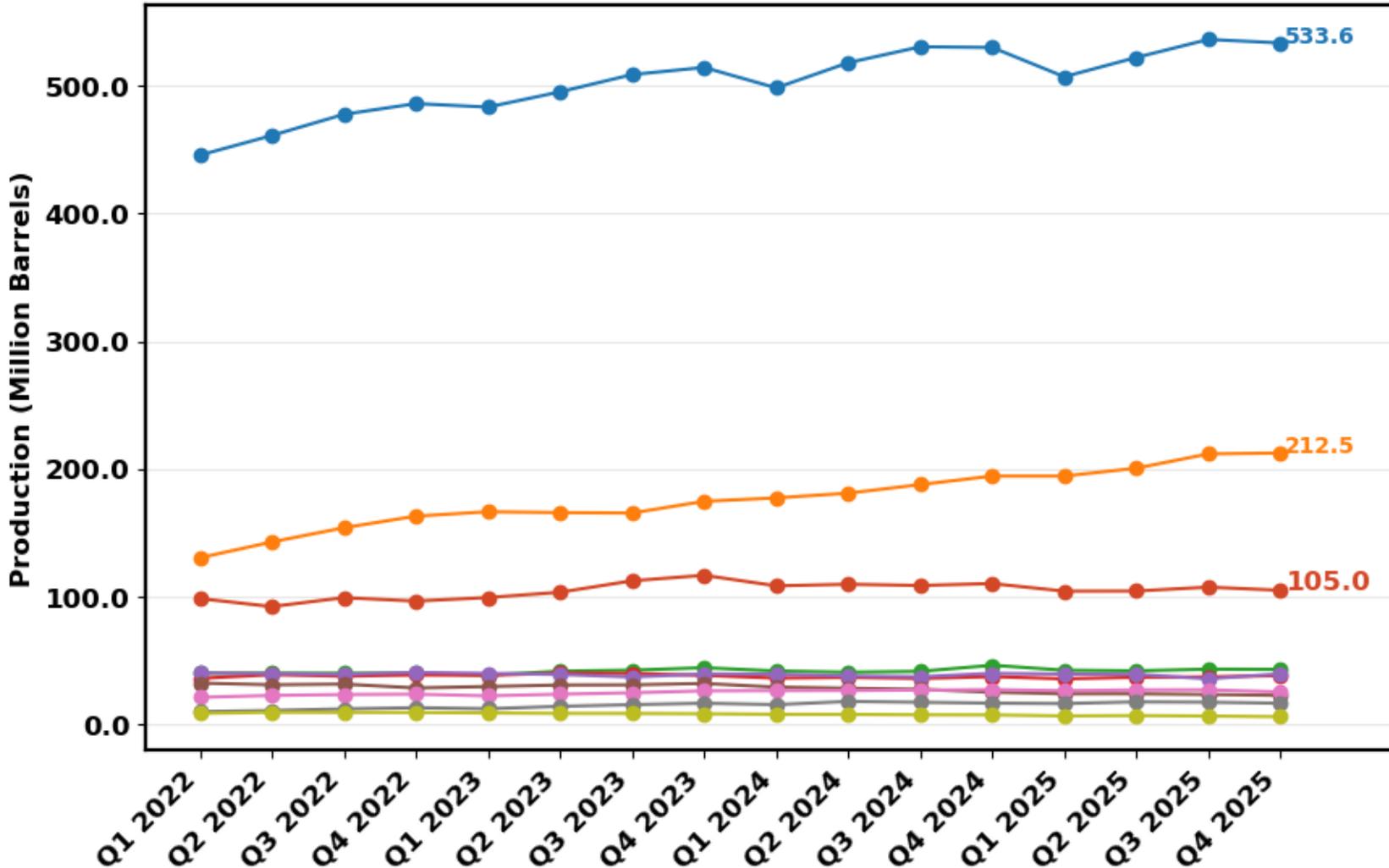
# NORTH DAKOTA COUNTY PRODUCTION

### Top 10 Counties by Total Oil Production



- ~32.7% of ND production comes from McKenzie County
- Top 5 counties make up ~96.2% of ND oil production

# TOP 10 CRUDE PRODUCING STATES – BY QUARTER

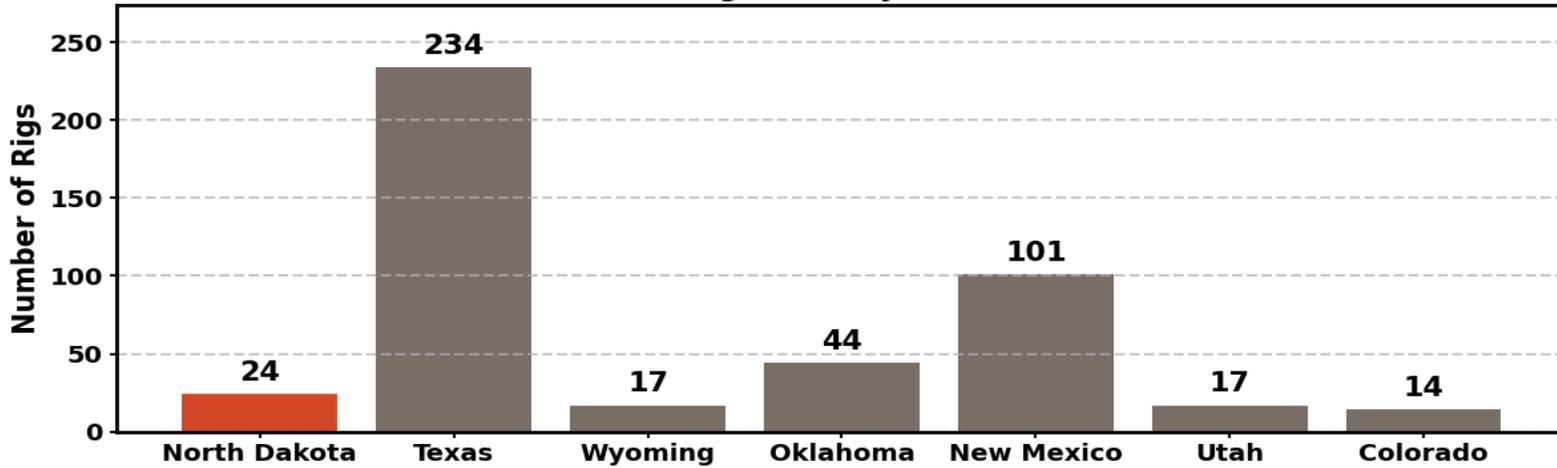


- Total U.S. production reached a record high in October 2025 at 13.9 million barrels per day

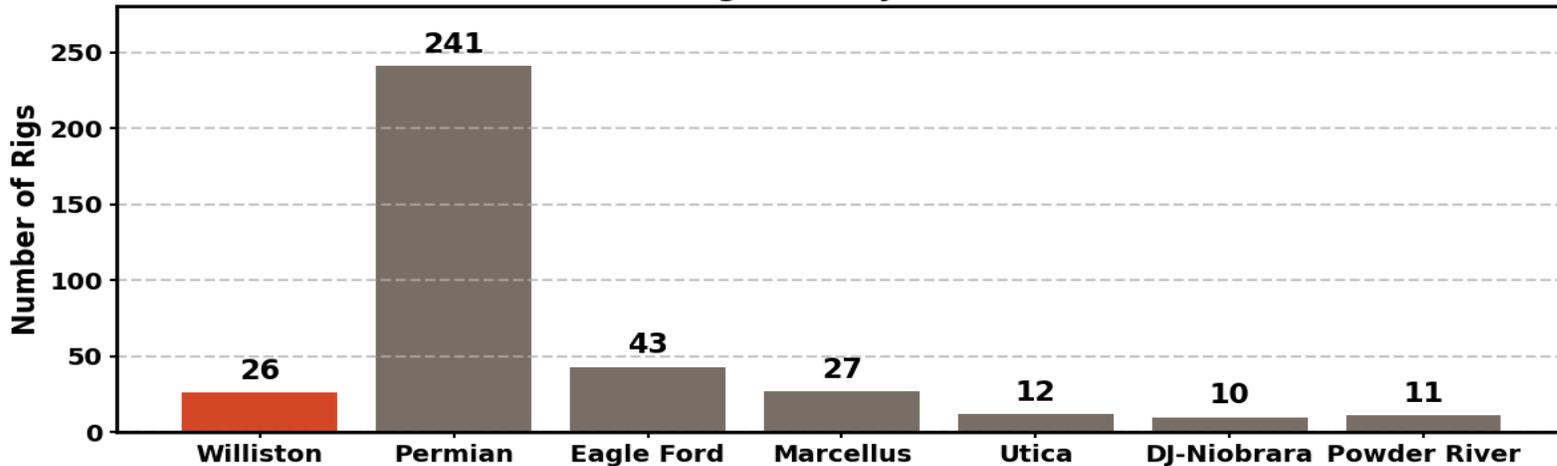


# RIG COUNTS BY STATE AND BASIN

**Rig Data Overview for March 16, 2026**  
Rig Count by State



Rig Count by Basin



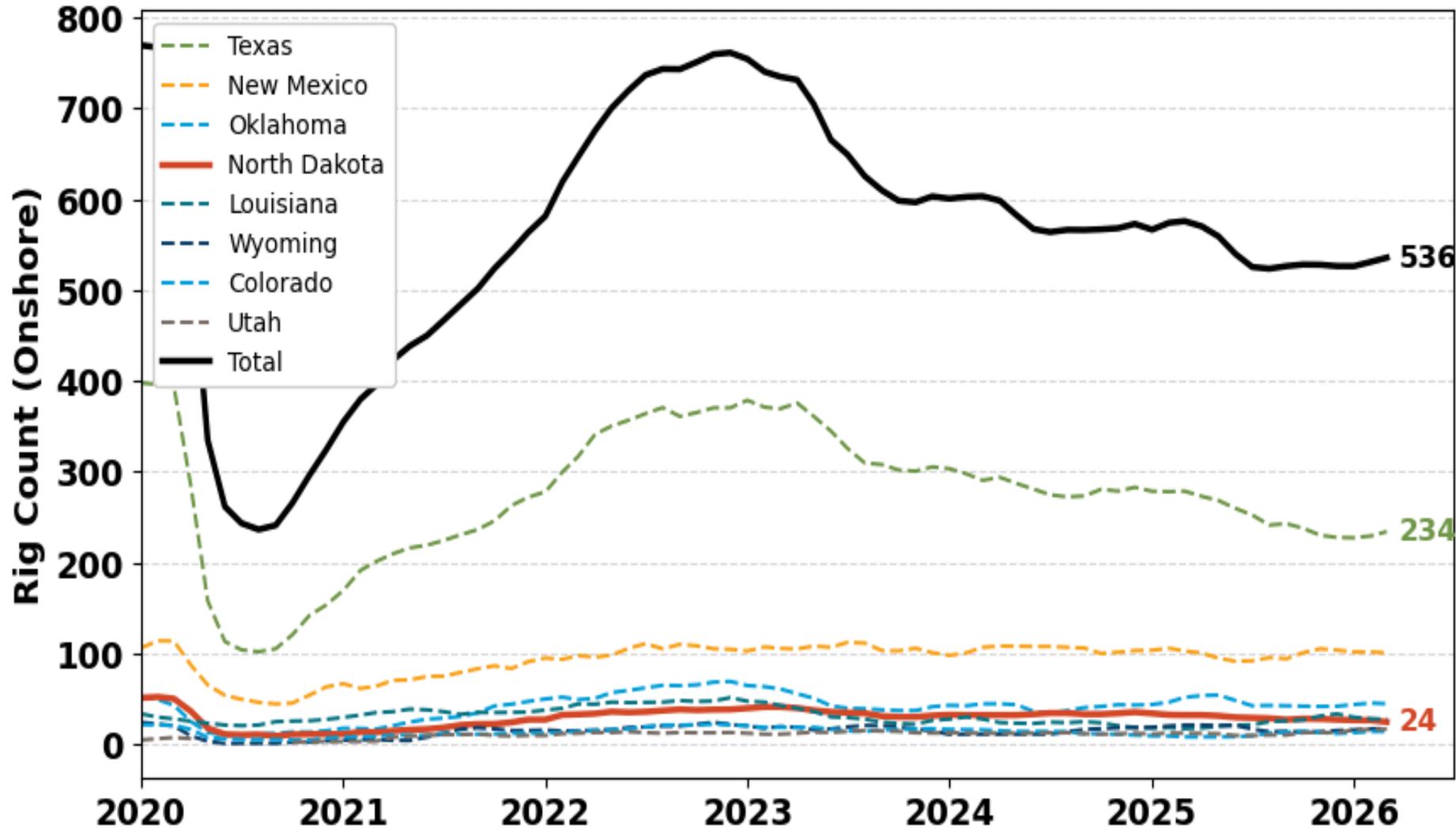
- Total US Rig Count = 539
  - February was approx. 553
- ~43% of Rigs are in Texas
- ND Rig Count Trend
  - Current = 25
  - February = 26
  - January = 26
  - December = 27

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

- 26 total rigs in Williston Basin
- 241 rigs in Permian (TX & NM)
  - ~45% of total US rig Count
- 39 rigs in the NE US, dry gas play



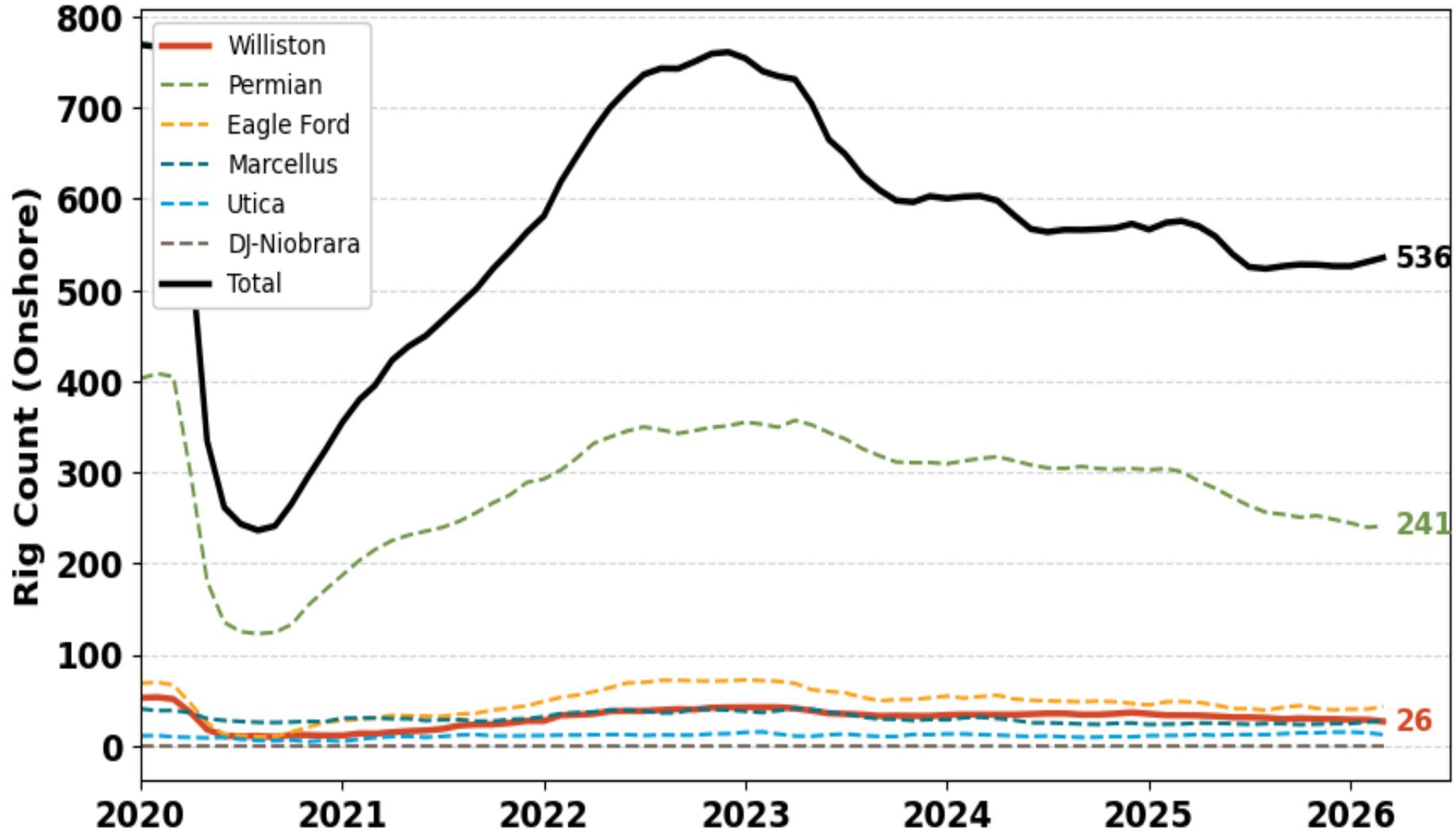
# RIG COUNTS OVER TIME - STATE



- North Dakota rig count = 25
- US rig count increased to 536 from February to March
- Texas rig count increased to 234
- Total US rig count includes land only



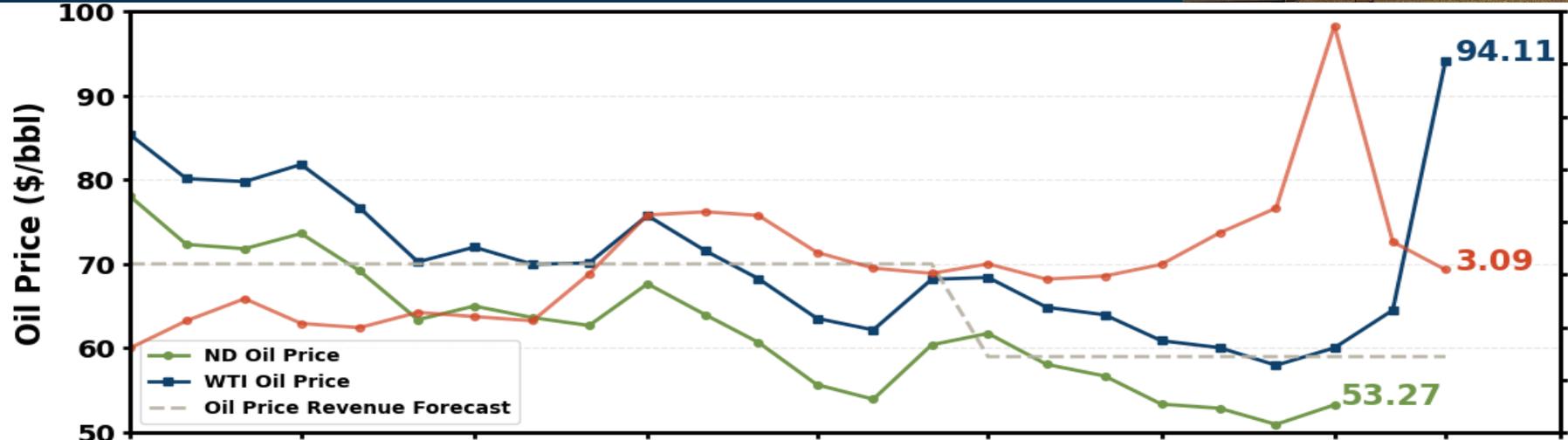
# RIGS OVER TIME - BASINS



- Williston Basin rig count decreased to 26
- Permian Basin rig count increased slightly to 241



# PRICING AND ACTIVITY LEVELS

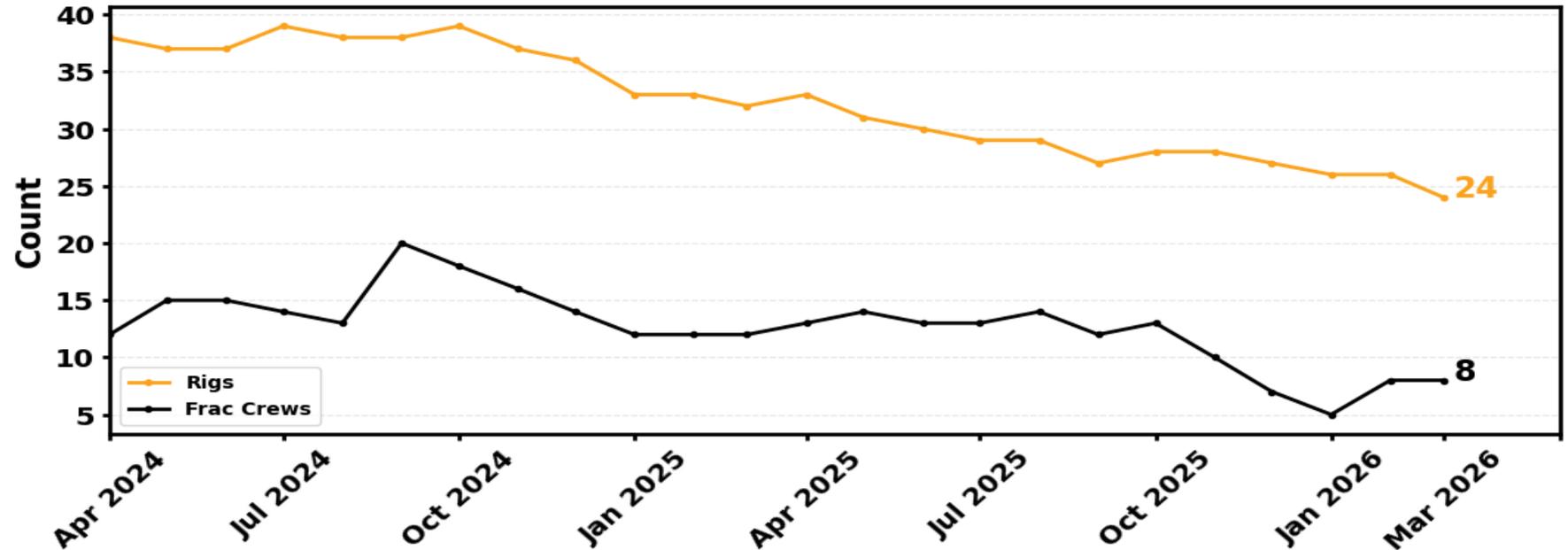


Henry Hub Price (\$/MMBtu)

- Current WTI Oil = \$97.34
- Current HH Gas = \$3.03

### ND Market Oil Price

- Revenue Forecast = \$59.00
- January = \$53.27  
-9.7% to RF
- December = \$50.95

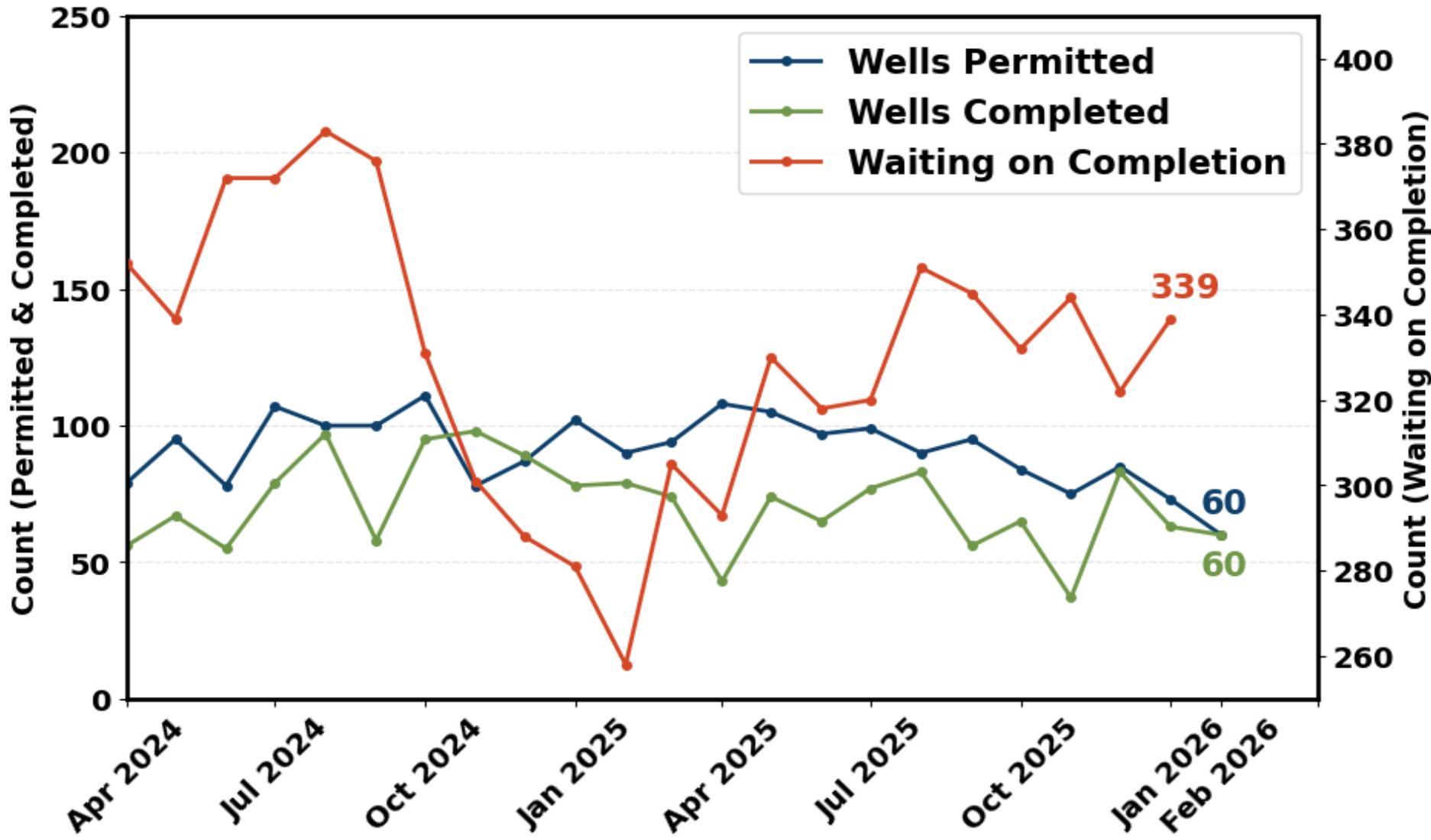


- Current frac crew count = 8

Henry Hub Price Source: <https://www.eia.gov/dnav/ng/hist/rngwhhdm.htm>



# PERMITS AND COMPLETIONS



### Permit Trend

- February = 60
- January = 73
- December = 85

### Completion Trend

- February = 60
- January = 63
- December = 83

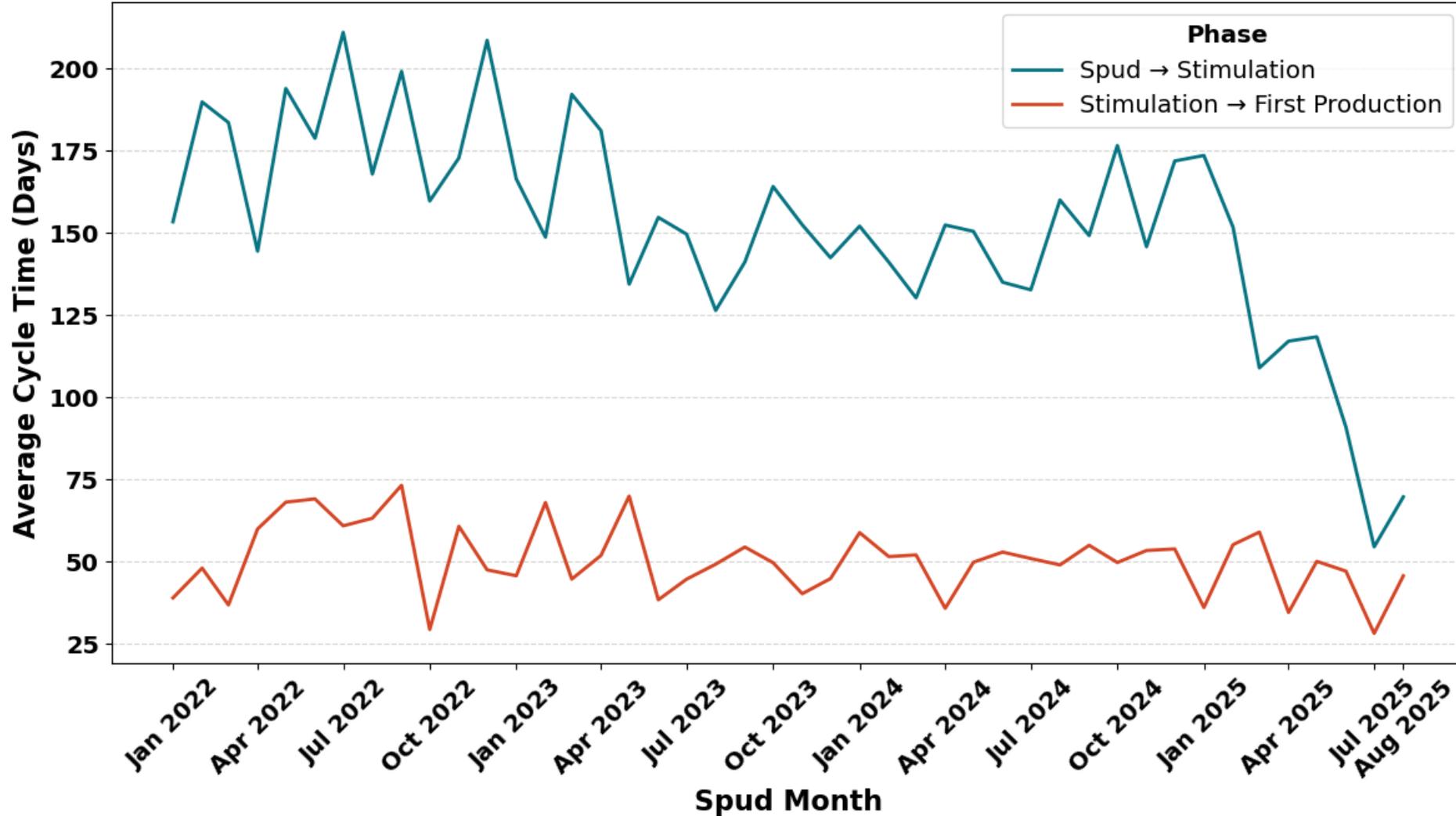
### Extended Reach Permits

- (Issued to date)*
- 1302 - 3-mile lateral permits
  - 195 - 4-mile lateral permits
    - 39 completed
  - 28 U-Shaped lateral permits

# AVERAGE WELL CYCLE TIMES



Average Cycle Time by Month

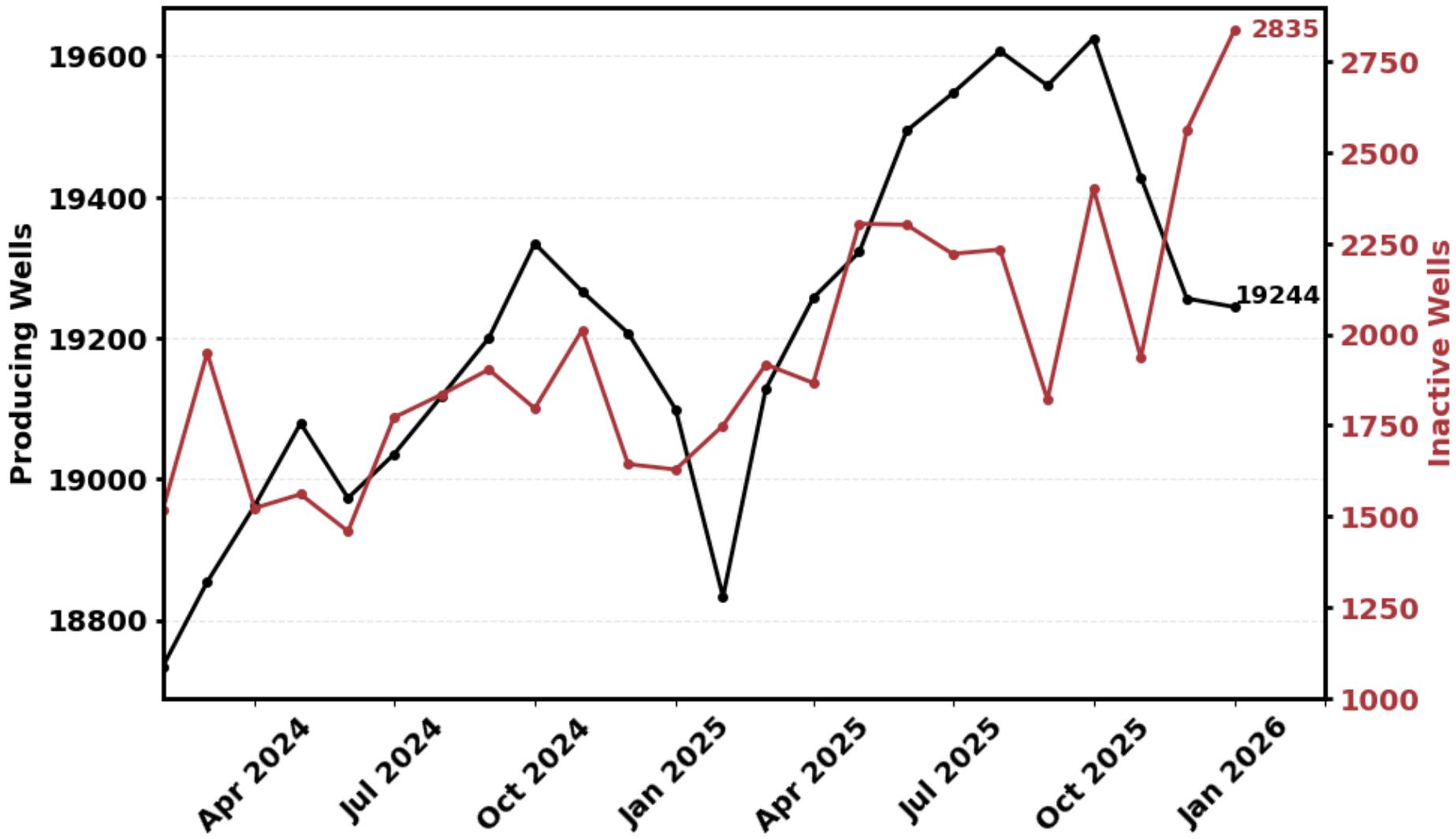


## Cycle Times Improving

- Spud → Stimulation = First Spud to Last Stimulation
- Stimulation → First Production = Last Stimulation to First Production
- Operators continue to find operational efficiencies as seen in the trending decrease from Spud to Stimulation
- Trending decrease in time from Stimulation to First Production



# WELL COUNT

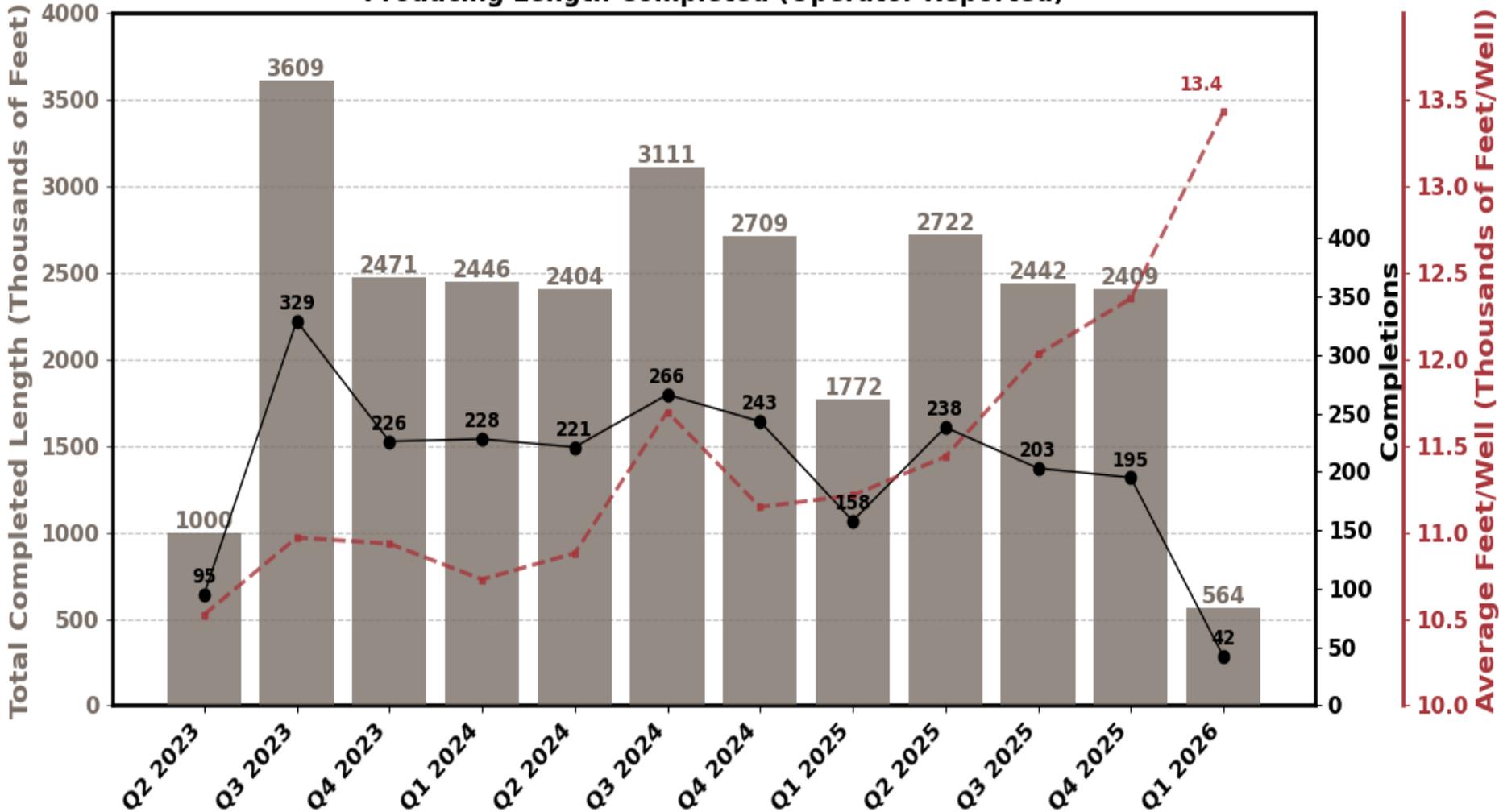


- Total number of producing wells is down 12, month over month
- Number of inactive wells increased by 274, month over month
- Producing wells were at an all time high of 19,625 in October.



# COMPLETED FOOTAGE OVER TIME

Producing Length Completed (Operator Reported)



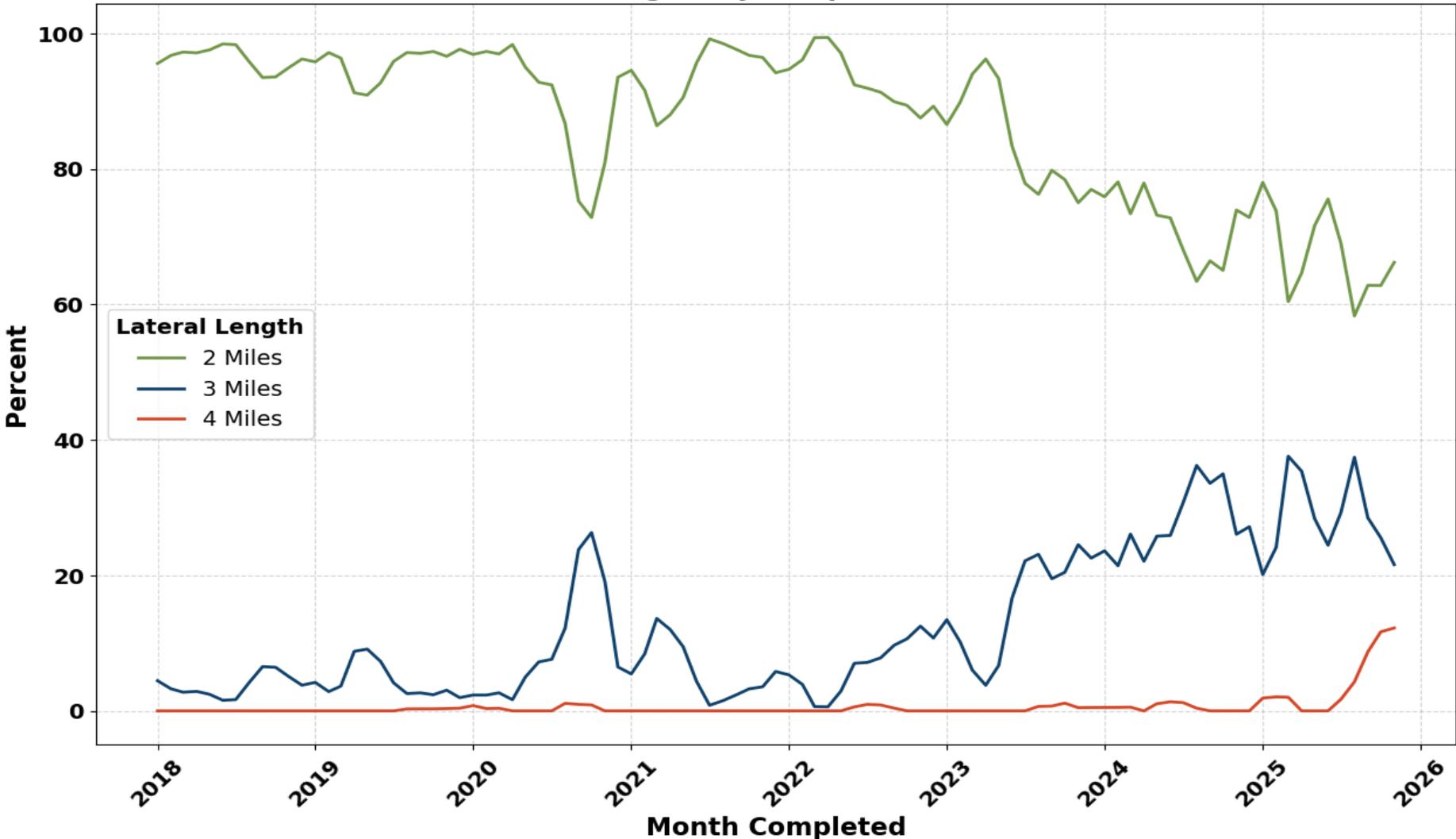
## Trend of Lateral Lengths

- 2024 = 10,671,000 total feet completed
- 2025 = 9,345,000 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
  - 2025 = 11,770
- Jan 2026 average completed lateral footage per well at an all time high of 13,428'



# LATERAL LENGTHS OVER TIME

Well Lengths by Completion Month



### Total Percentage of Permits by Lateral Length

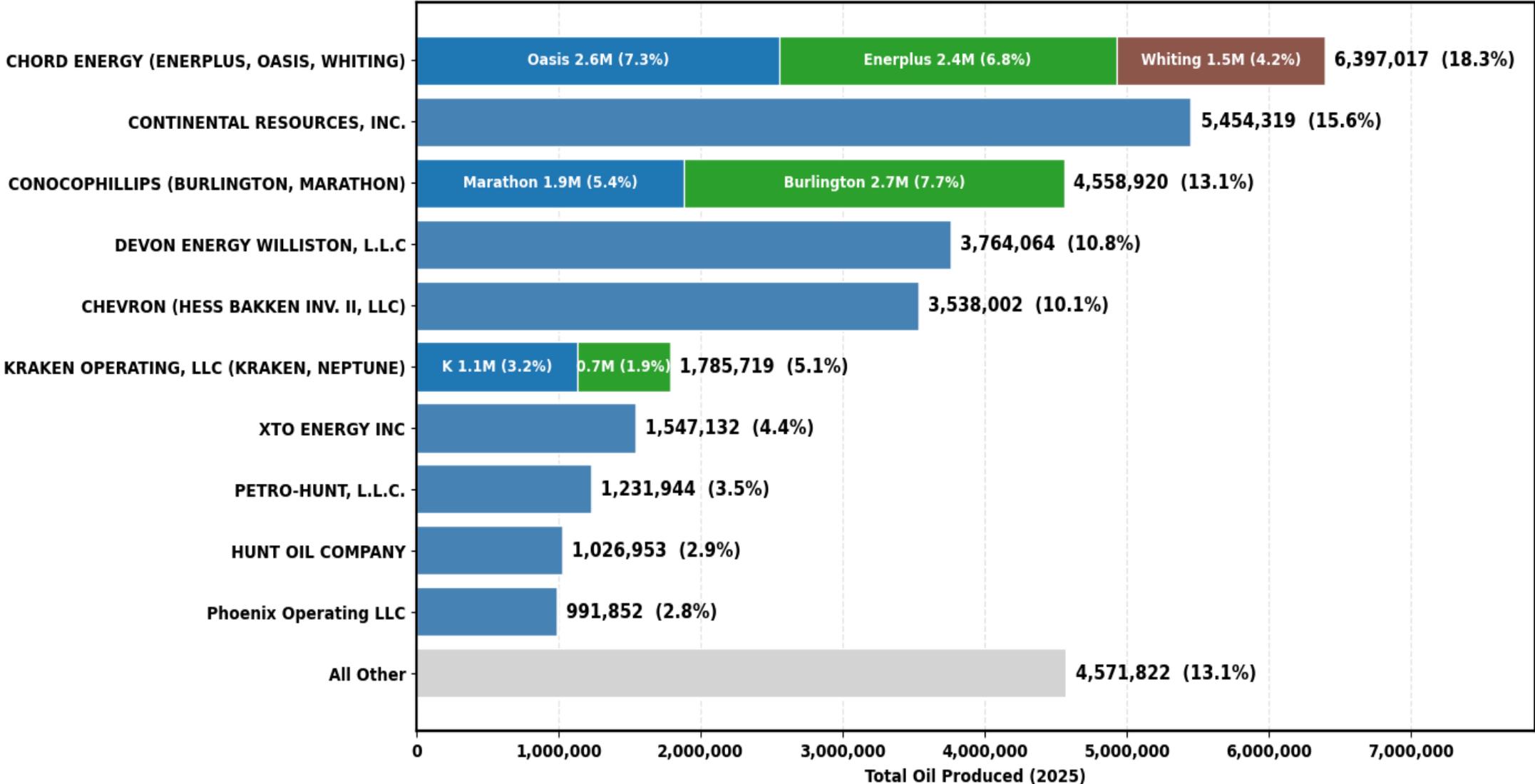
- ~66% = 2-mile
- ~22% = 3-mile
- ~12% = 4-mile

### Lateral Length Categorization:

*(First to last perforation)*

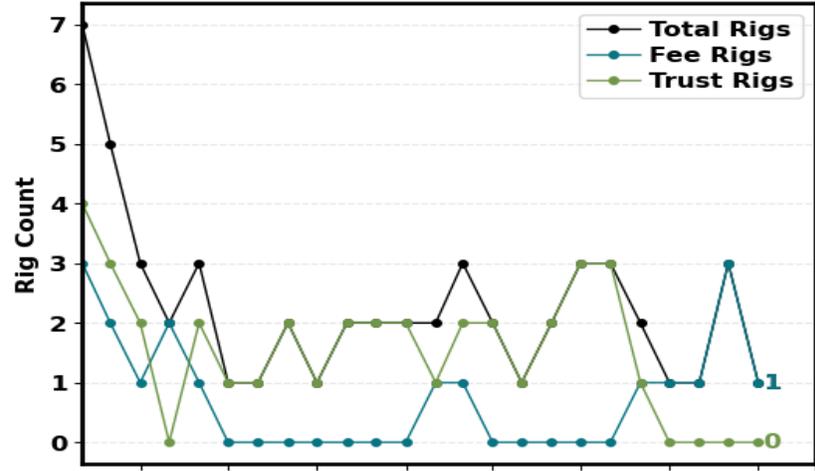
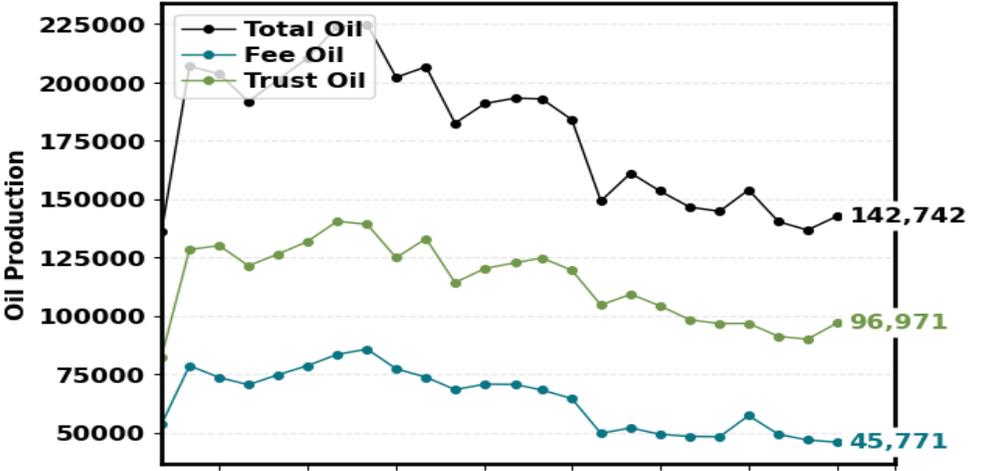
- 1.5-2.24 miles = 2-mile
- 2.25-3.24 miles = 3-mile
- 3.25-4.24 miles = 4-mile

# TOP 10 OIL PRODUCERS IN ND - 2026



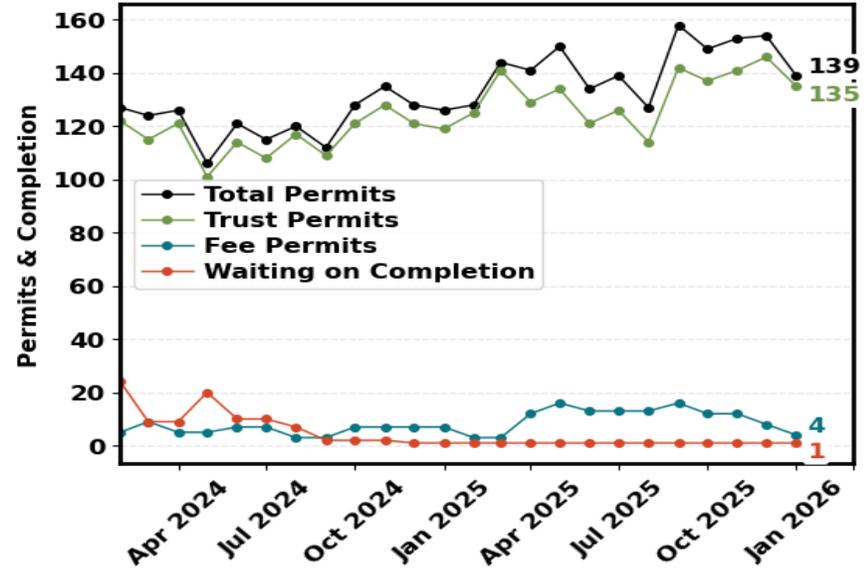
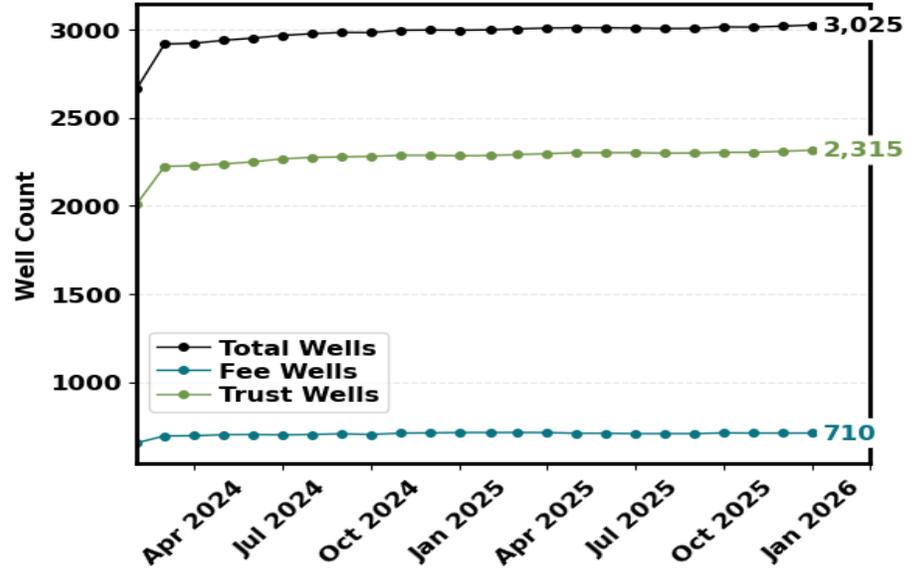


# FORT BERTHOLD ACTIVITY



Jan. Oil Production = 142,742  
 • 4.4% increase  
 • Increase of 5,997 bopd  
 Dec. Oil Production = 136,745

Rig count at 1



Total Active Permits = 139  
 • Decrease from last month

Number of Active Wells = 3,013  
 • Fee = 710  
 • Trust = 2,303



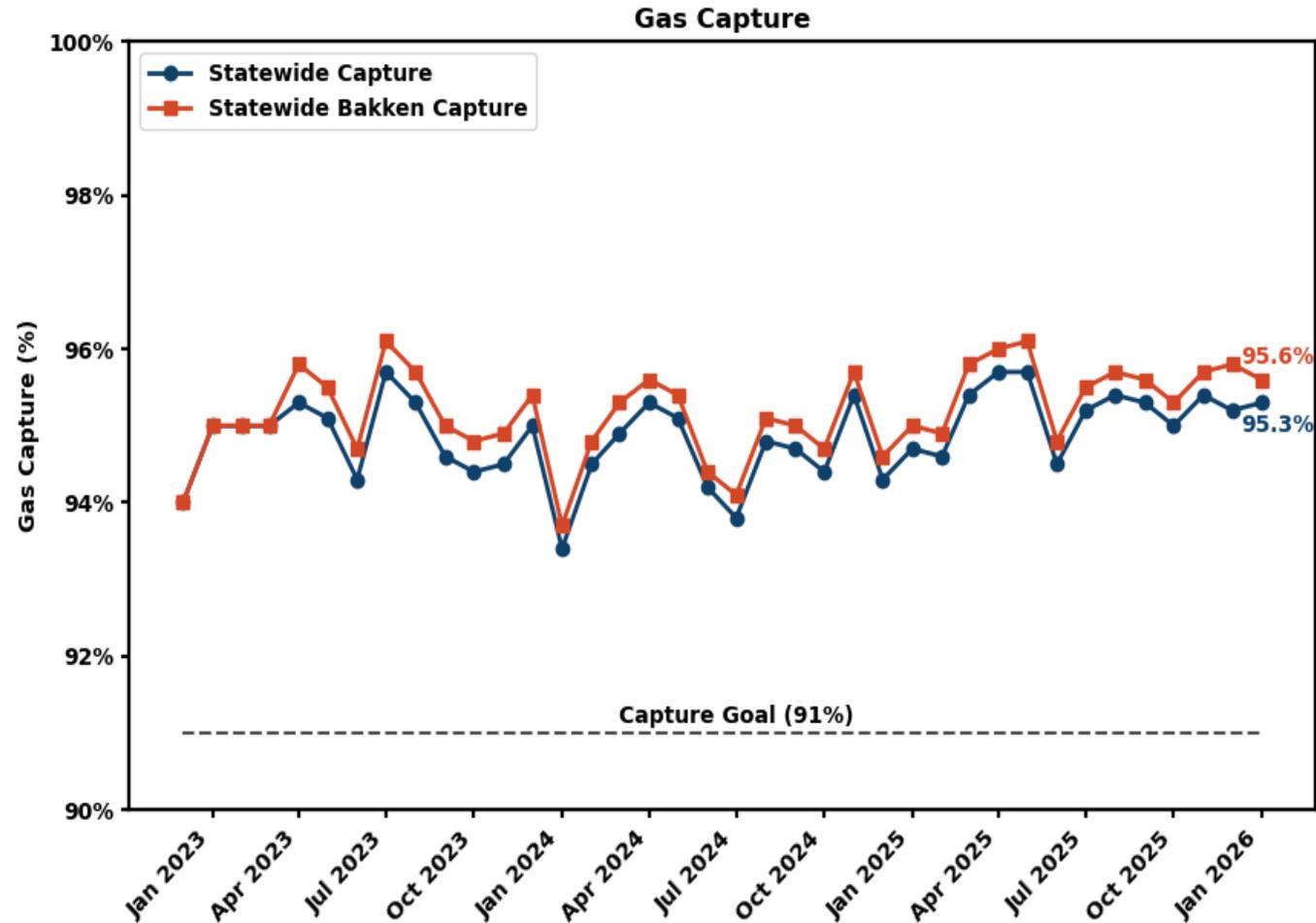
# GAS CAPTURE

The state-wide gas flared volume from December to January increased by 6.3 MMCF/D to 157.6 MMCF/D, the statewide gas capture increased to 95.3% while Bakken gas capture decreased to 95.6%.

## Gas capture details are as follows:

Statewide	95.3%
Statewide Bakken	95.6%
Non-FBIR Bakken	95.4%
FBIR Bakken	96.8%
Trust FBIR Bakken	96.8%
Fee FBIR	96.6%

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



# IIJA GRANTS



## FORMULA GRANT PHASE 1

- DOI posted guidance amendments for the Formula Grant Phase 1 allowing North Dakota to continue to move ahead with plans.
- DMR was awarded \$25 million in Formula Grant Phase 1 funds.
- This grant began on August 1, 2024. Funding must be utilized over a five-year period.
- DMR has awarded plugging packages containing 8 wells throughout Billings, Bottineau and Renville counties.
  - Plugging started in January 2026 – currently 5 of the 8 wells have been plugged.
- Plan to plug ~46 wells, Reclaim 116 sites, and Remediate 271 brine contamination sites.



# SUMMARY



Month and Year	January 2026
Days	31
Oil Production (bbls)	34,867,744
Average Daily Oil (bbls/day)	1,124,765.94
Gas Production (MCF)	102,994,694
Average Daily Gas (MCF/day)	3,322,409
Daily Average Oil Revenue Forecast (bbls/day)	1,150,000
Oil Revenue Forecast Price (\$/bbl)	59
Avg Daily Bakken-Three Forks Prod (bbls/day)	1,095,985
Bakken Production (%)	97.40
Other Production (%)	2.60
Bakken-Three Forks Wells (%)	89.80
Percentage Other Wells (%)	10.20
WTI Oil Price (\$/bbl) (current)	94.11
ND Oil Price (\$/bbl)	53.27
Henry Hub Price (USD/MMBtu)	3.09
Wells Permitted (February)	60
Wells Completed (February)	60
Waiting On Completion	339
Inactive Wells	2,835
Total Producing Wells	19,244
Fort Berthold Total Oil	142,742
Fort Berthold Fee Oil	45,771
Fort Berthold Trust Oil	96,971
Fort Berthold Total Rigs	1
Fort Berthold Fee Rigs	1
Fort Berthold Trust Rigs	0
Fort Berthold Total Wells	3,025
Fort Berthold Fee Wells	710
Fort Berthold Trust Wells	2,315
Fort Berthold Waiting On Completion	1
Fort Berthold Total Permits	139
Fort Berthold Fee Permits	4
Fort Berthold Trust Permits	135
North Dakota Rigs (current)	26
North Dakota Frac Crews (current)	8
Statewide Capture	95.30
Statewide Bakken Capture	95.60
Capture Goal	91

- 1 seismic crew recording



# THANK YOU

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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



# WILLISTON BASIN PETROLEUM CONFERENCE

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the Bakken, Three Forks, and Williston Basin!

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TRADE SHOW - EXPERT PRESENTATIONS - NETWORKING

# Pipeline Authority Monthly Update

**Justin J. Kringstad**

*Geological Engineer*

*Director*

*North Dakota Pipeline Authority*



**March 19, 2026**

# US Williston Basin Oil Production - 2026

MONTH	ND	Eastern MT*	SD	TOTAL
January	1,124,766			
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

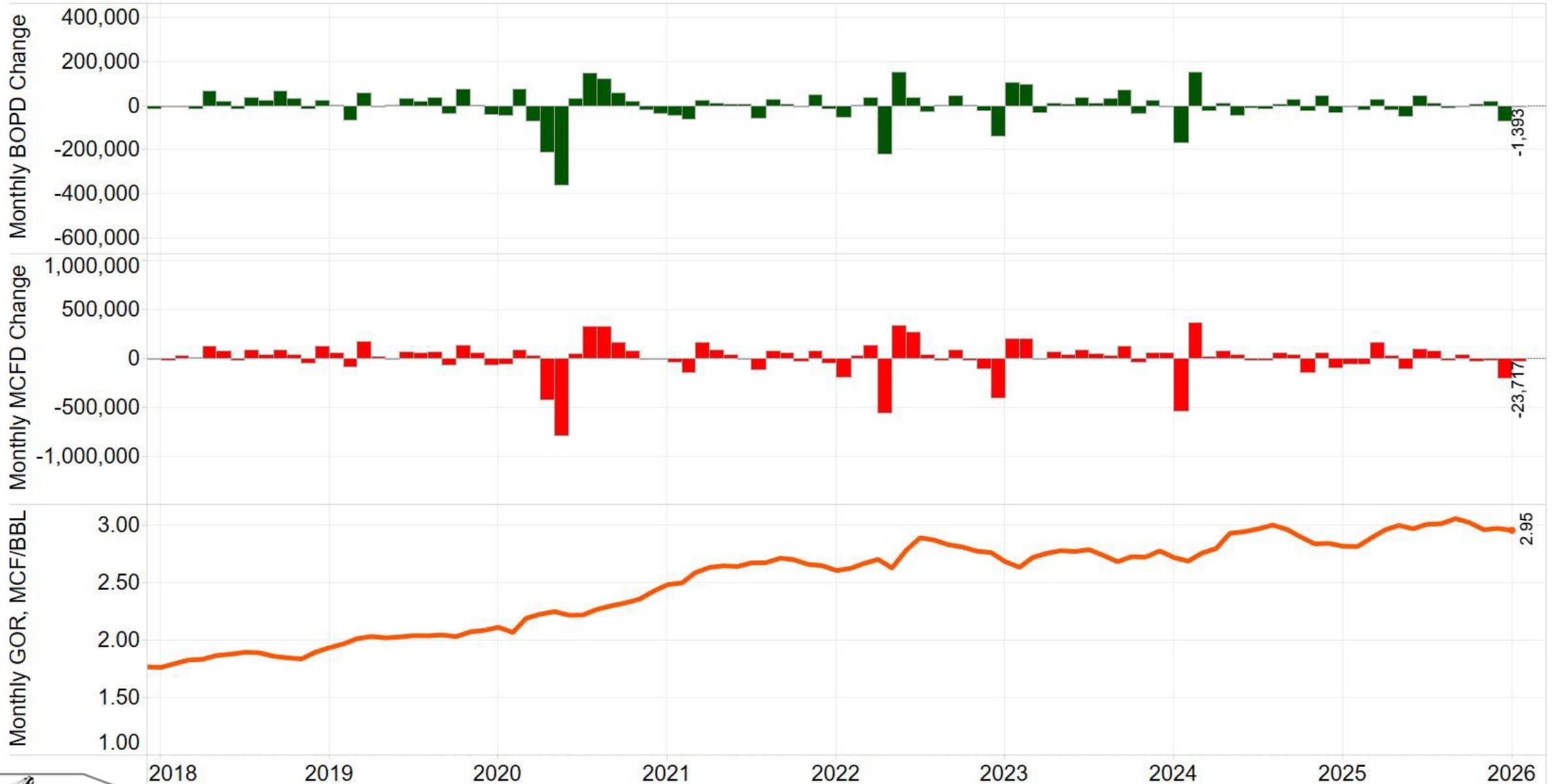


# US Williston Basin Oil Production - 2025

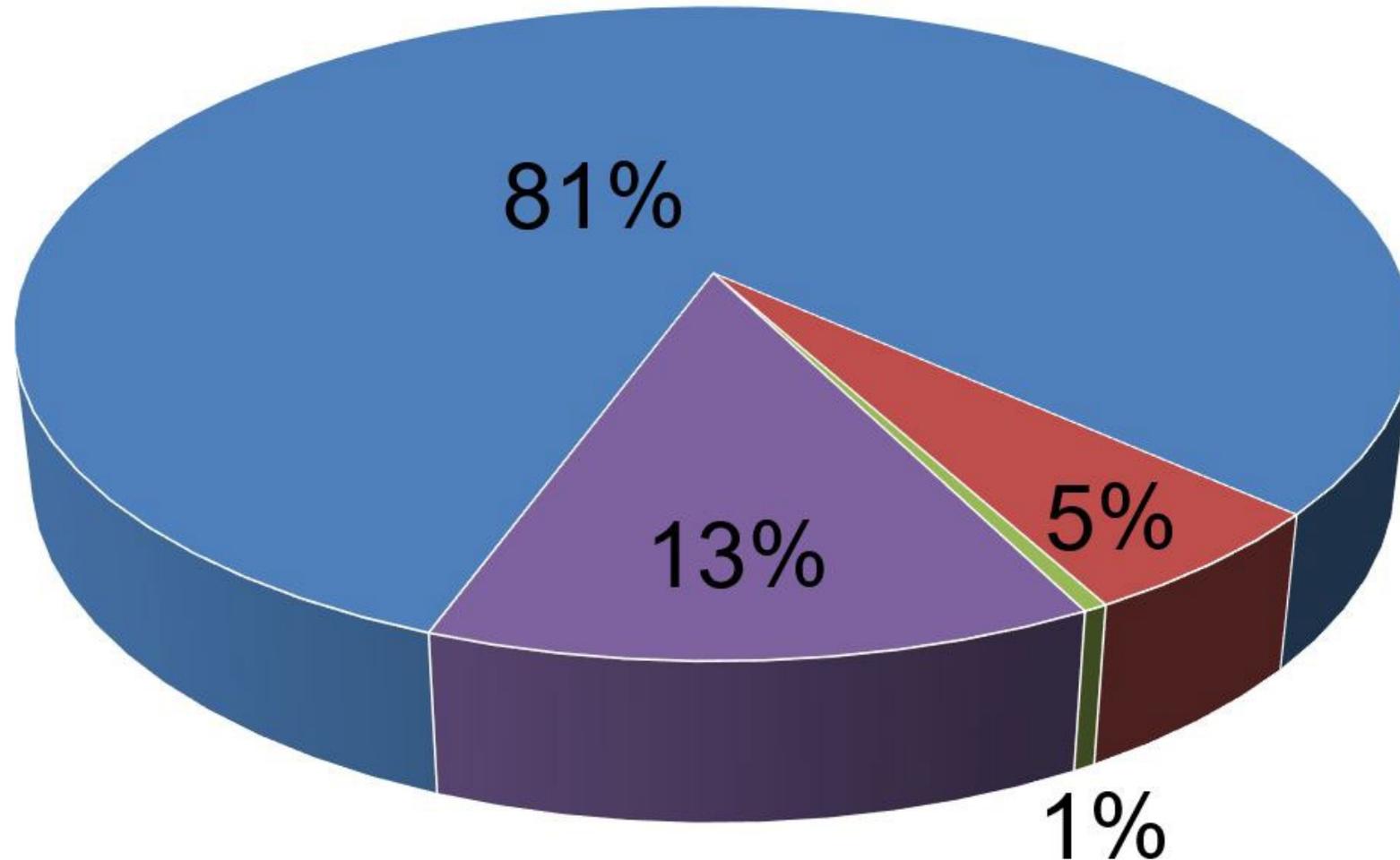
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,183,077	75,045	2,281	1,260,403
February	1,165,229	71,713	2,282	1,239,224
March	1,195,030	76,008	2,272	1,273,310
April	1,175,943	74,904	2,294	1,253,141
May	1,127,014	79,643	2,295	1,208,952
June	1,172,718	79,742	2,145	1,254,605
July	1,184,124	80,475	2,271	1,266,870
August	1,175,328	76,585	2,218	1,254,131
September	1,172,197	81,674	2,253	1,256,124
October	1,178,172	85,201	2,221	1,265,594
November	1,198,143	81,323	2,213	1,281,679
December	1,126,159	78,873	2,123	1,207,154



# North Dakota Monthly Production Change



# Estimated Williston Basin Oil Transportation



■ Pipeline Export

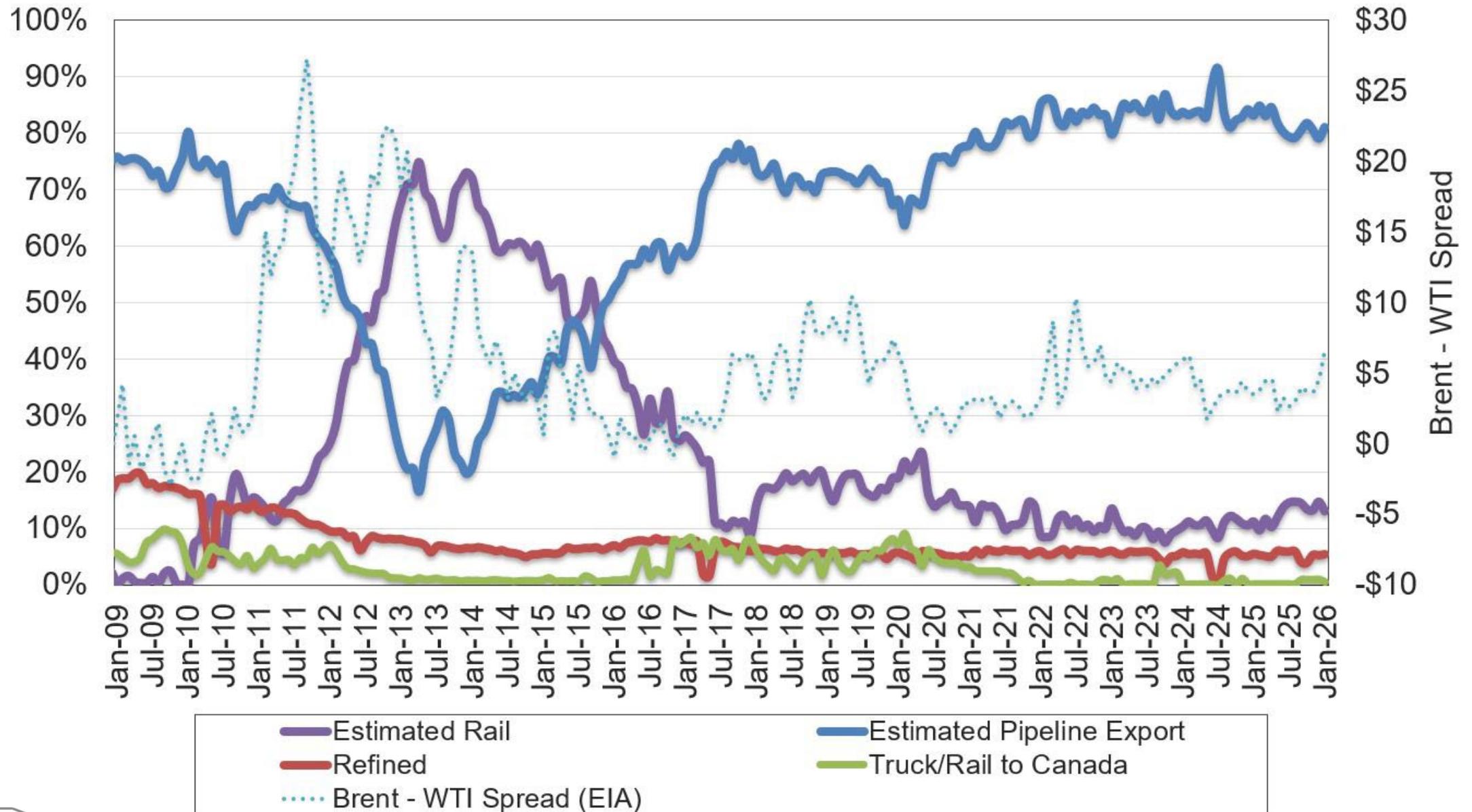
■ Truck/Rail to Canada

■ Refined

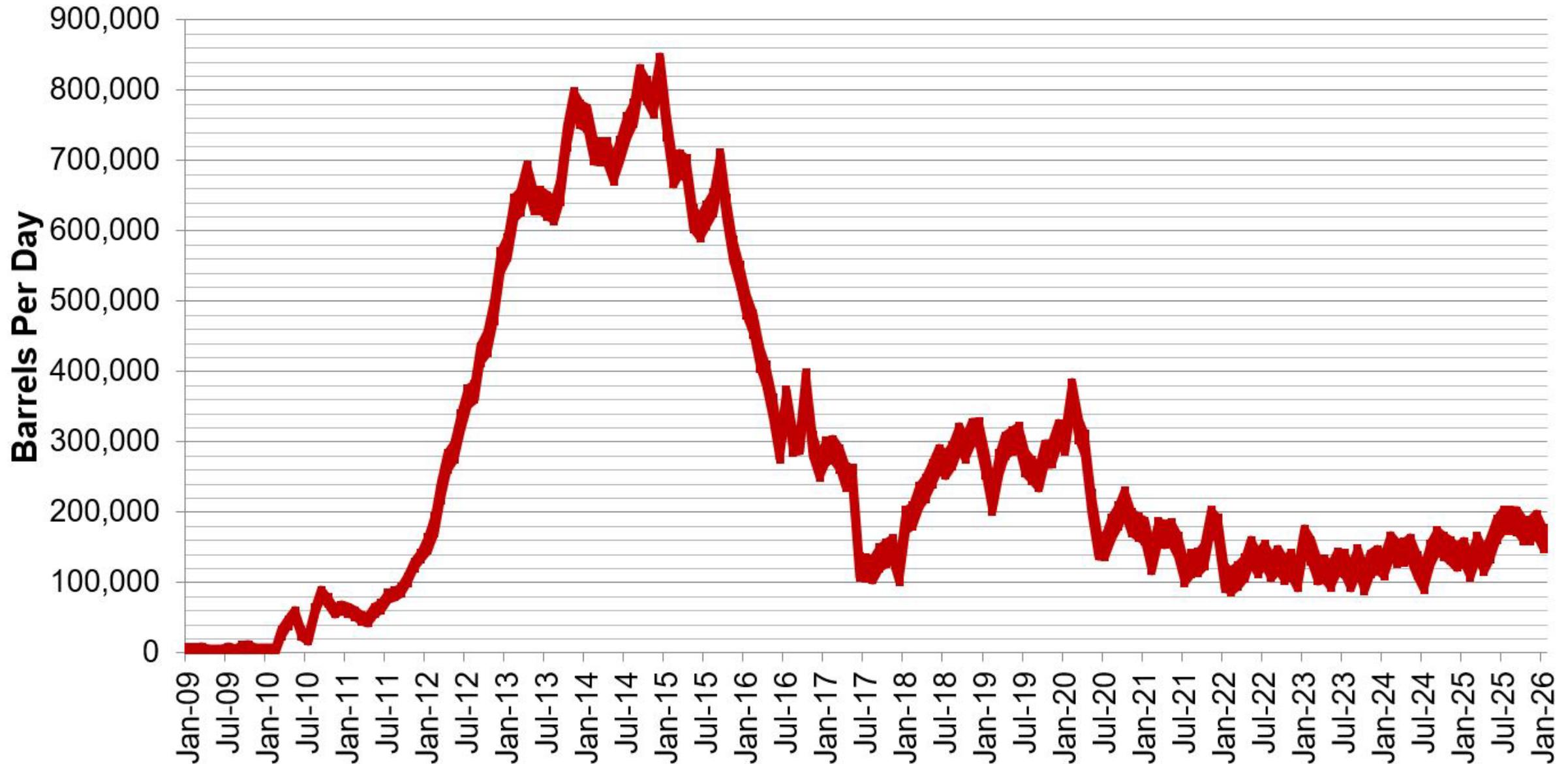
■ Estimated Rail



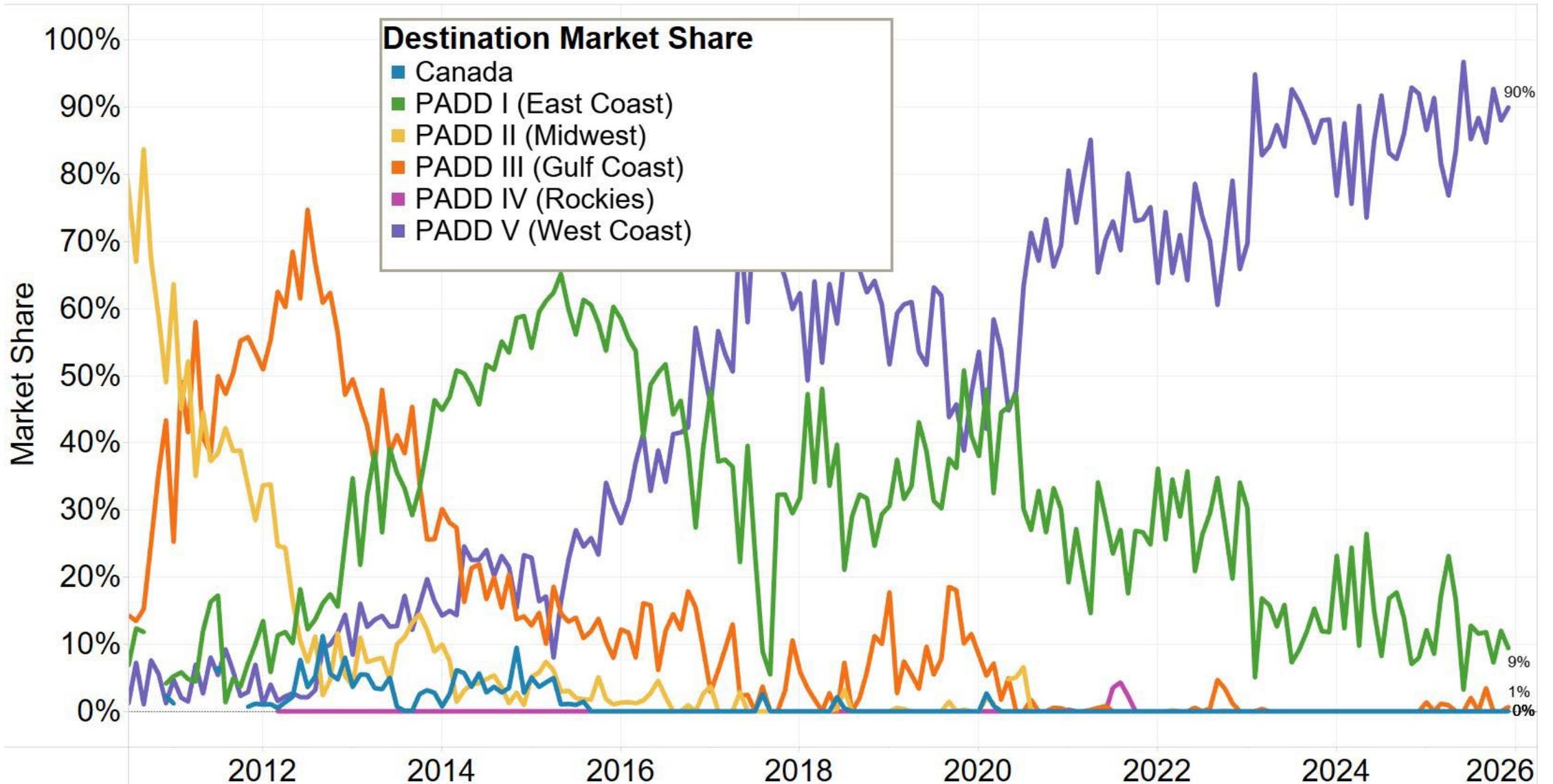
# Estimated Williston Basin Oil Transportation



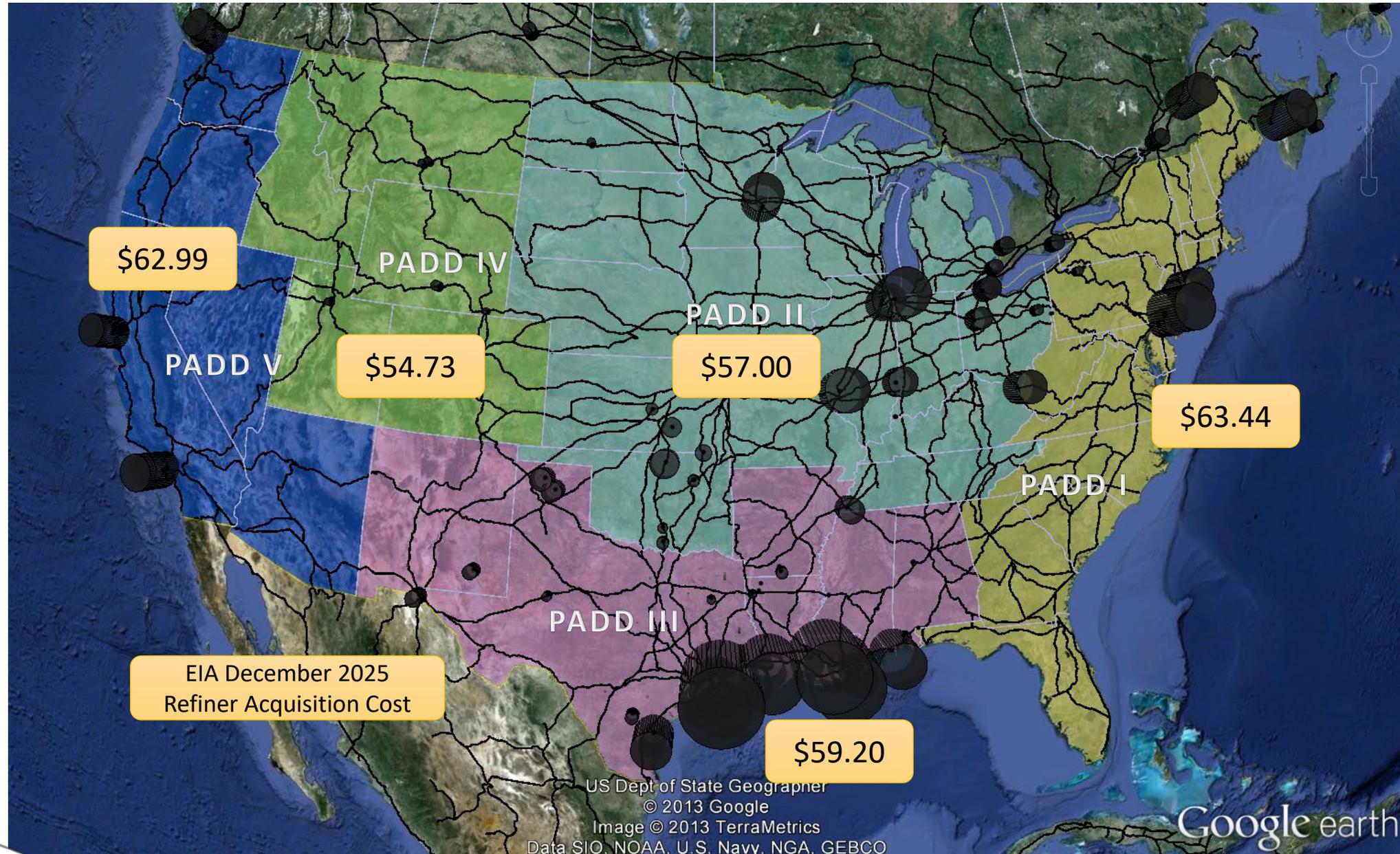
# Estimated ND Rail Export Volumes



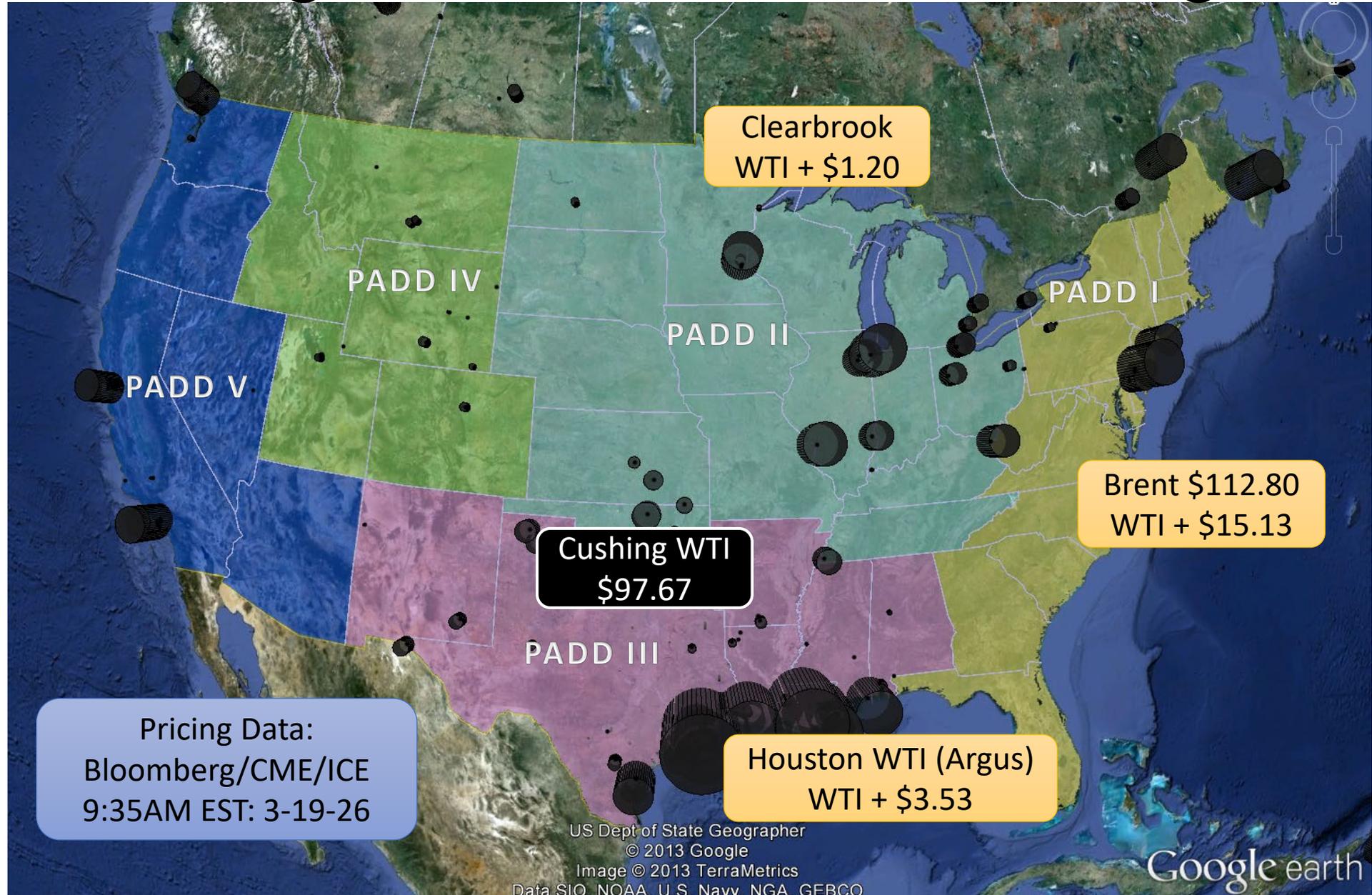
# Rail Destinations Market Share (Dec. 2025)



# Major Rail Lines and Refineries



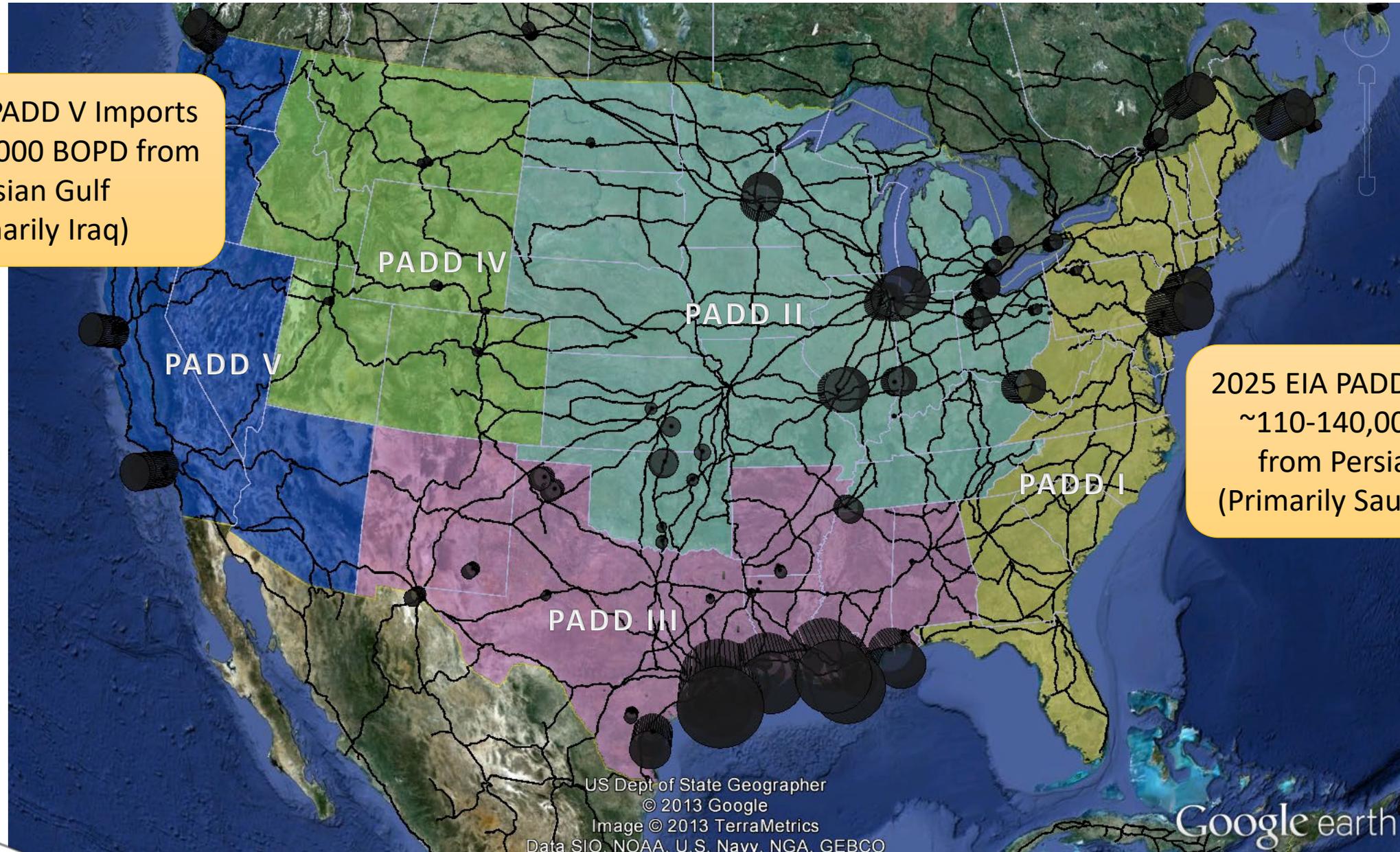
# Major Pricing Benchmarks & Refining Centers



# Major Rail Lines and Refineries

2025 EIA PADD V Imports  
~200-250,000 BOPD from  
Persian Gulf  
(Primarily Iraq)

2025 EIA PADD I Imports  
~110-140,000 BOPD  
from Persian Gulf  
(Primarily Saudi Arabia)



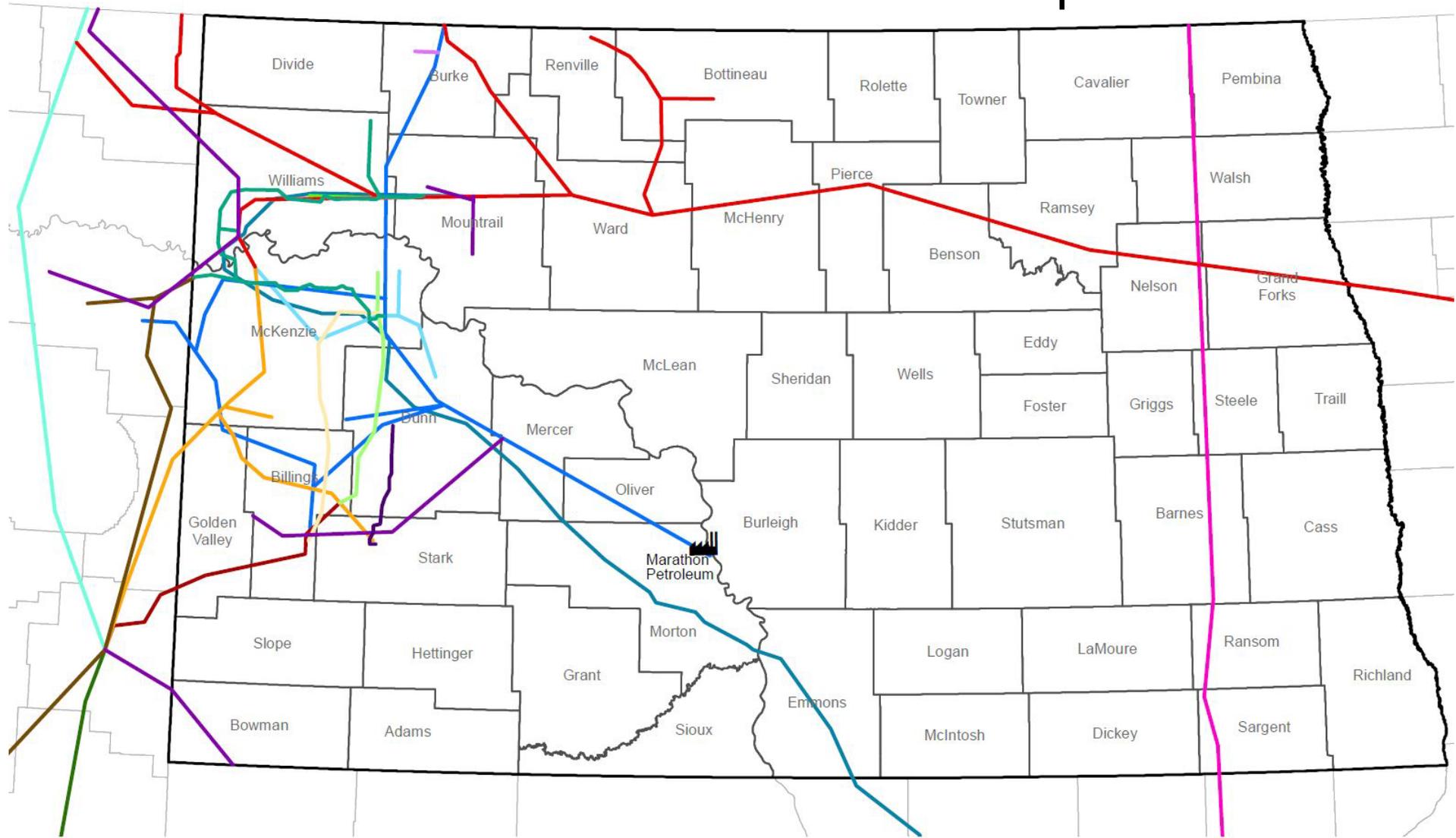
# Average North Dakota Oil “Discount” to WTI



Last Five Years Annual Average



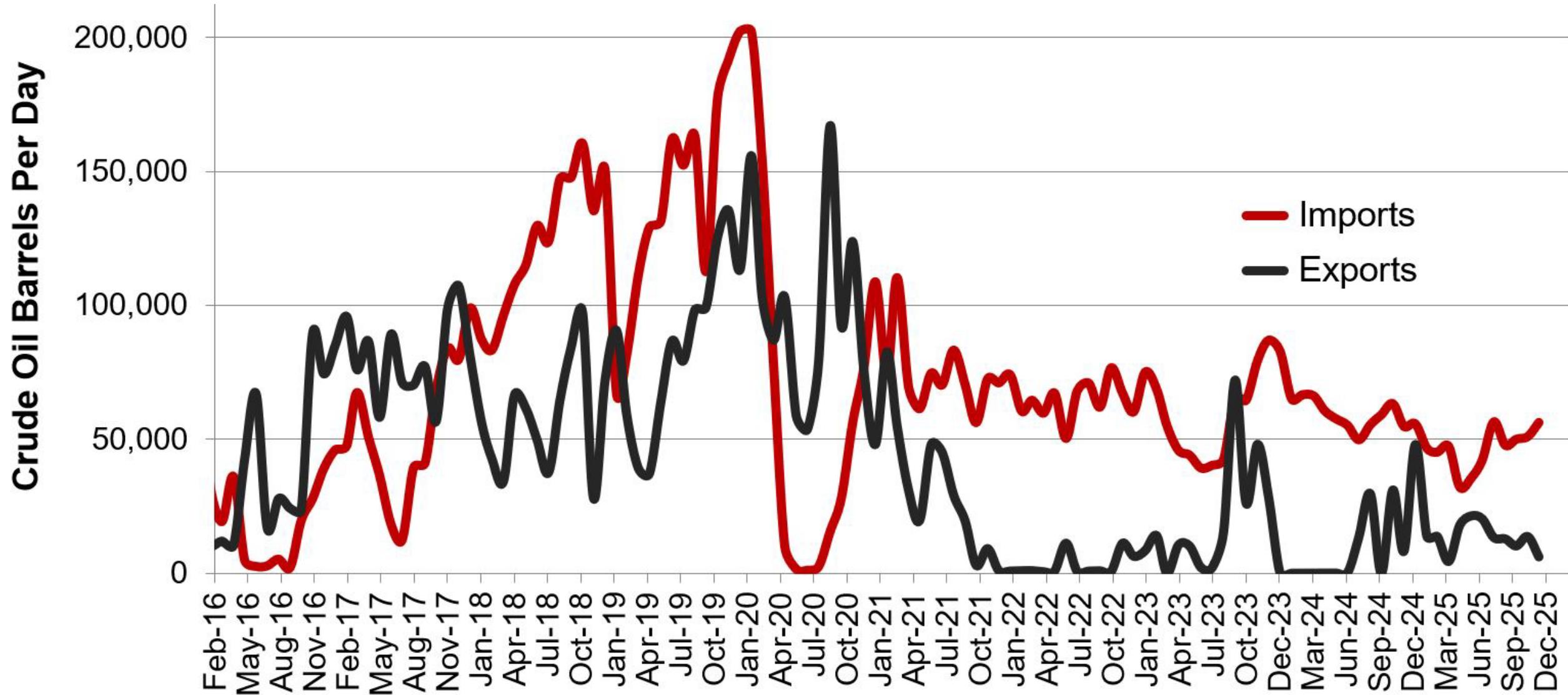
# North Dakota Oil Transmission Pipelines



- |                    |                 |               |            |                   |          |
|--------------------|-----------------|---------------|------------|-------------------|----------|
| 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 |



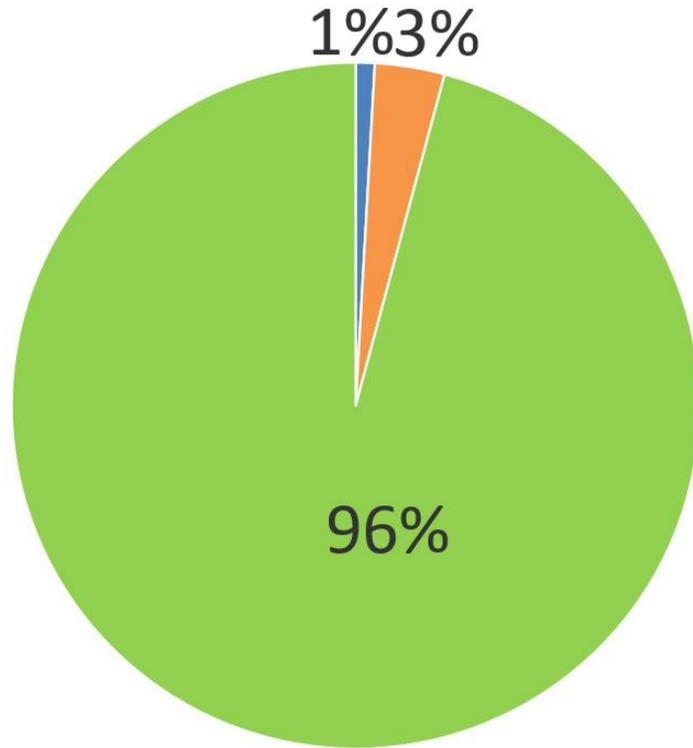
# Williston Basin Imports and Exports with Canada



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.

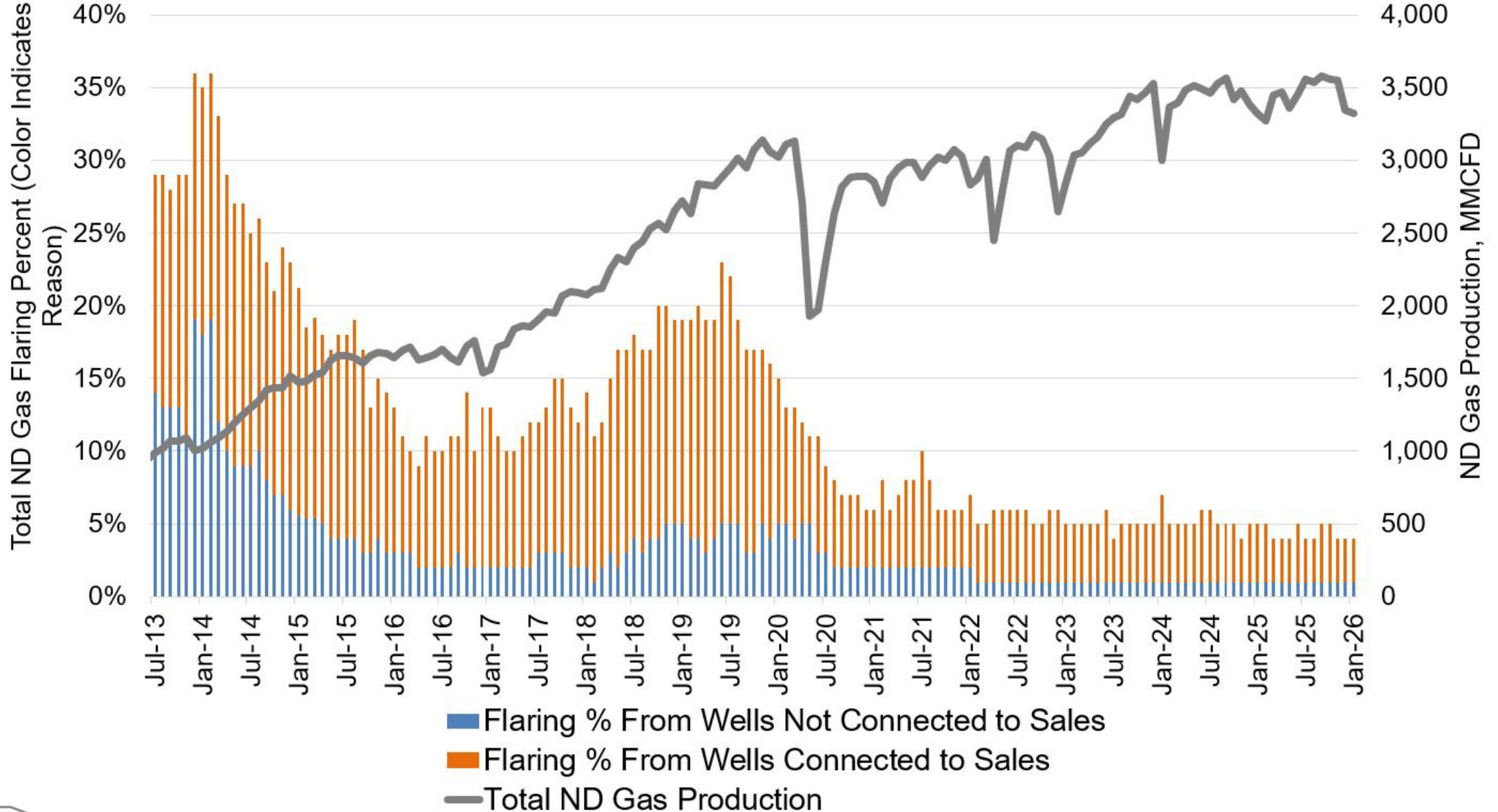
## Simple Terms

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

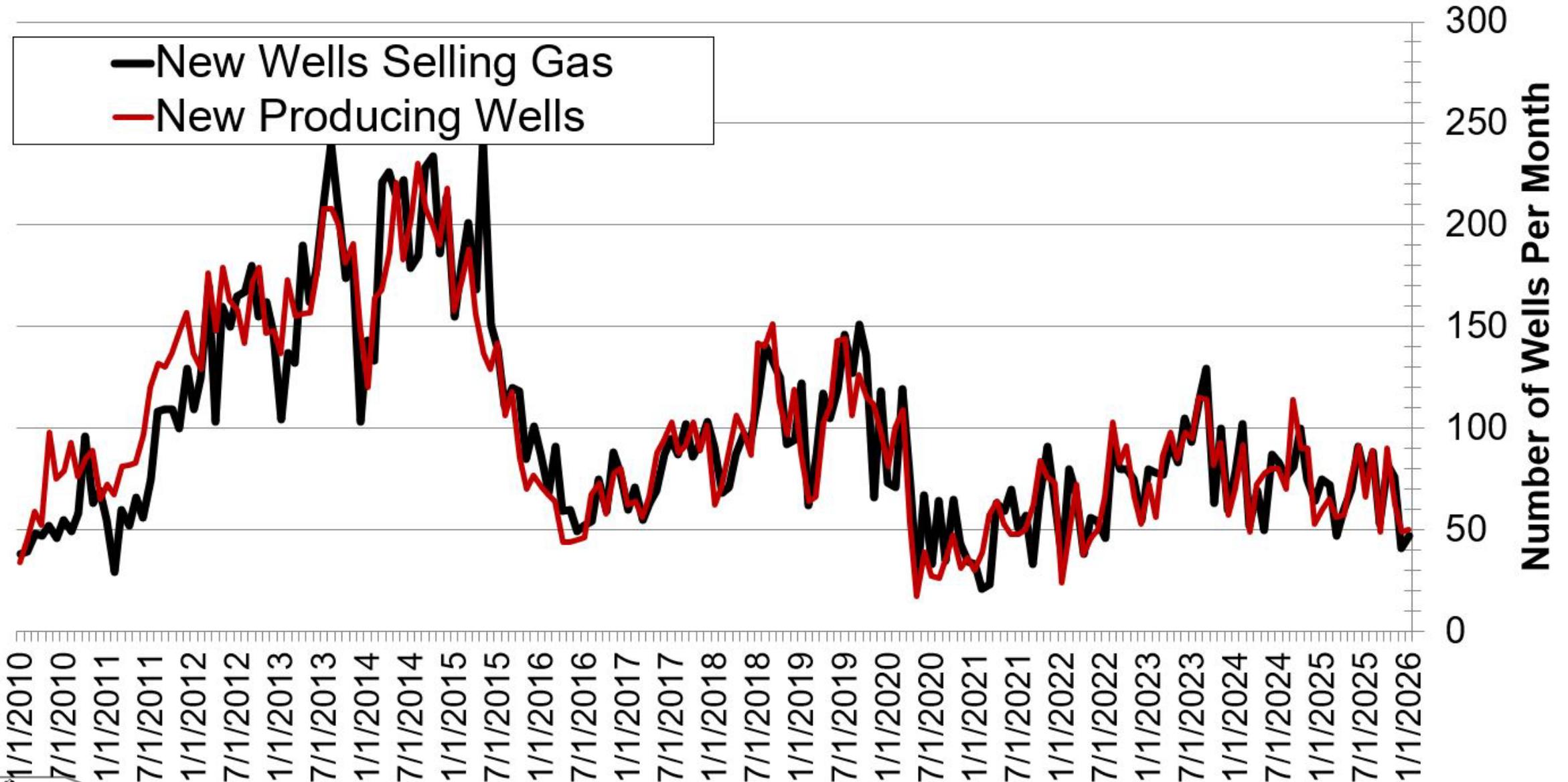
Jan. 2026 Data – Non-Confidential Wells



# Solving the Flaring Challenge

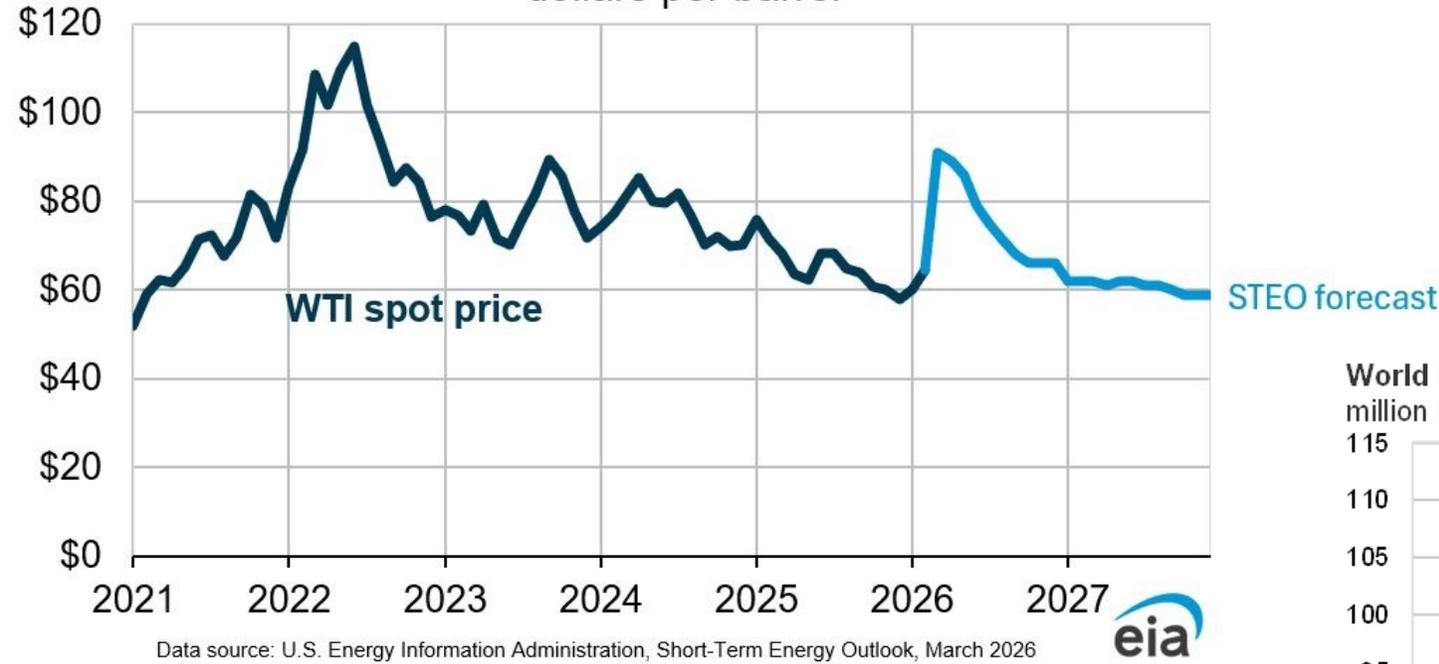


# Solving the Flaring Challenge

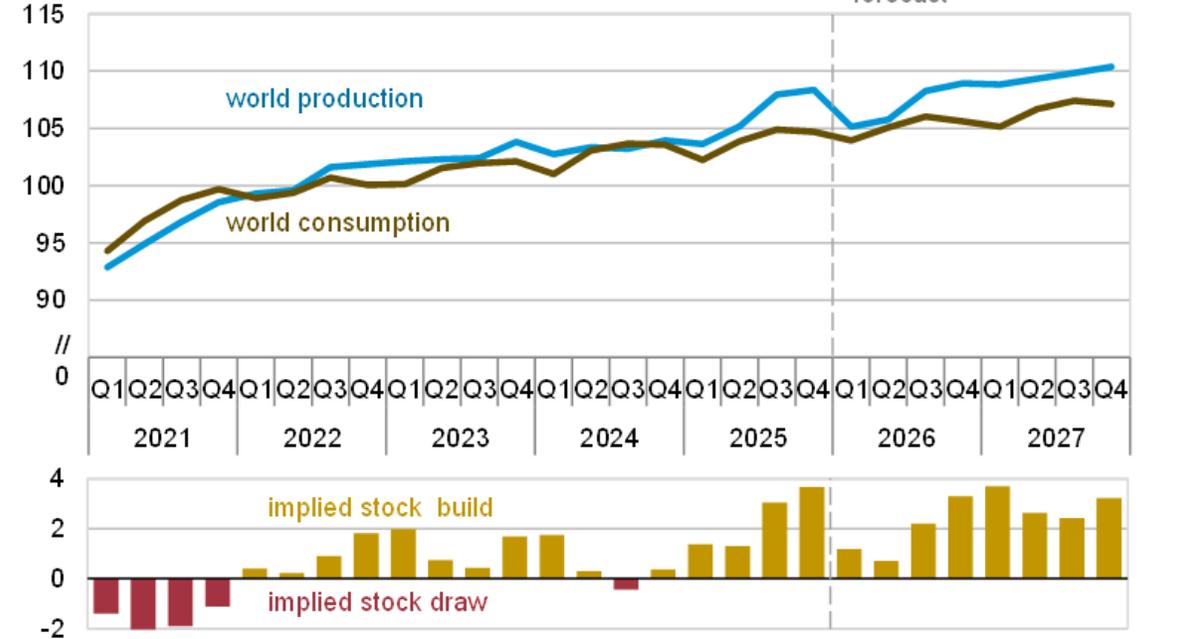


# EIA Oil Price Outlook (March 2026)

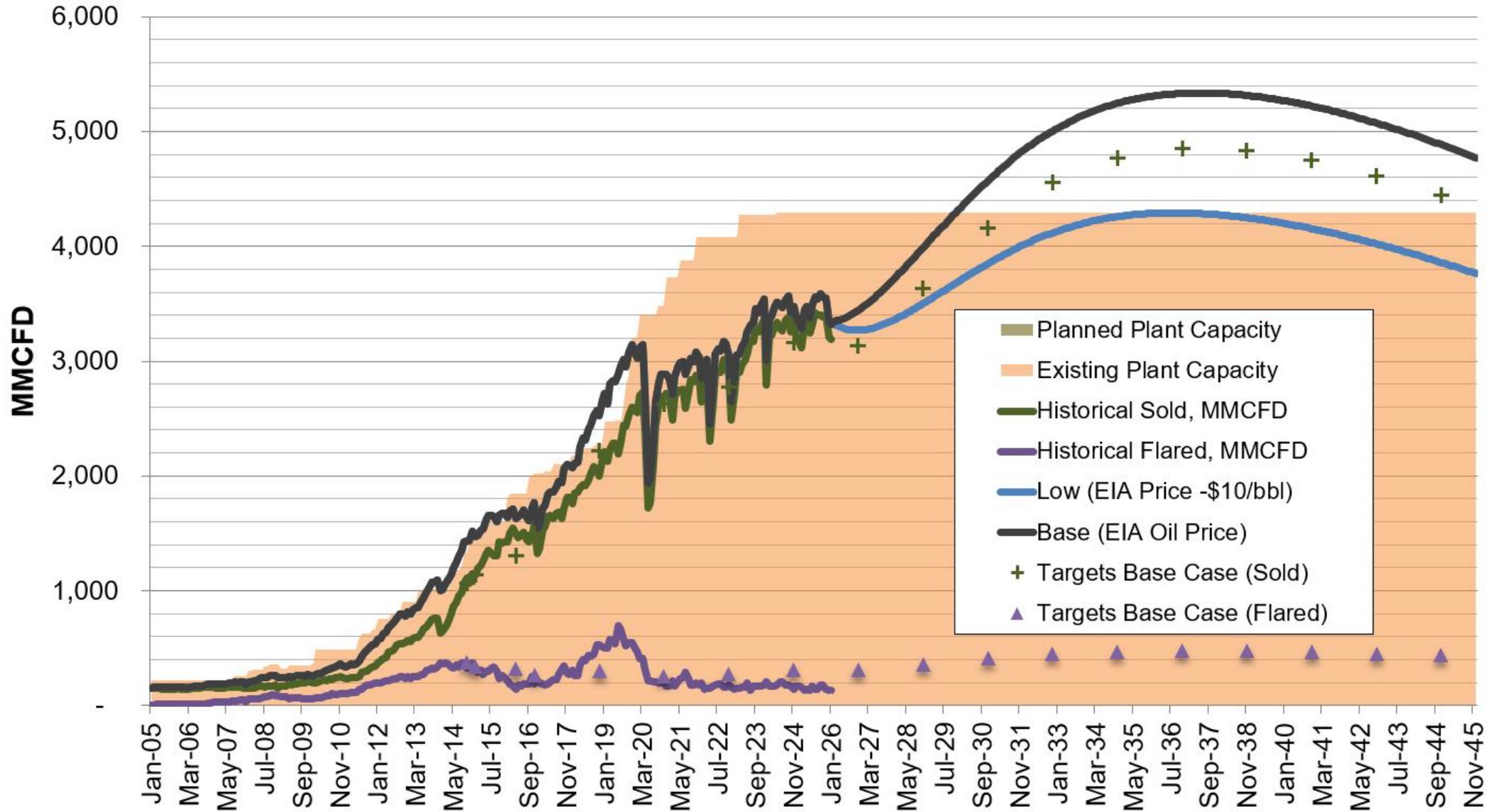
West Texas Intermediate (WTI) crude oil price  
dollars per barrel



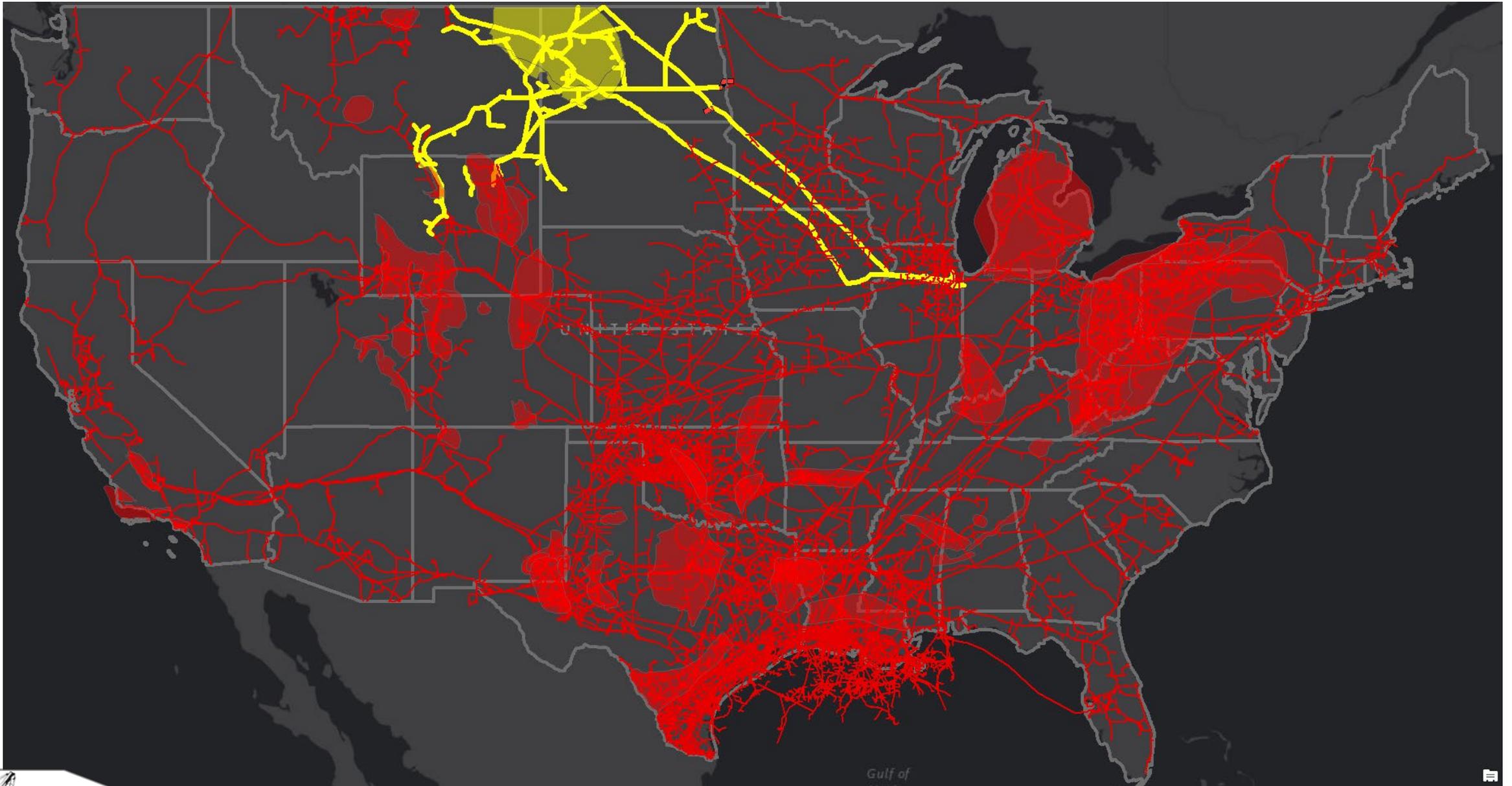
World liquid fuels production and consumption balance  
million barrels per day



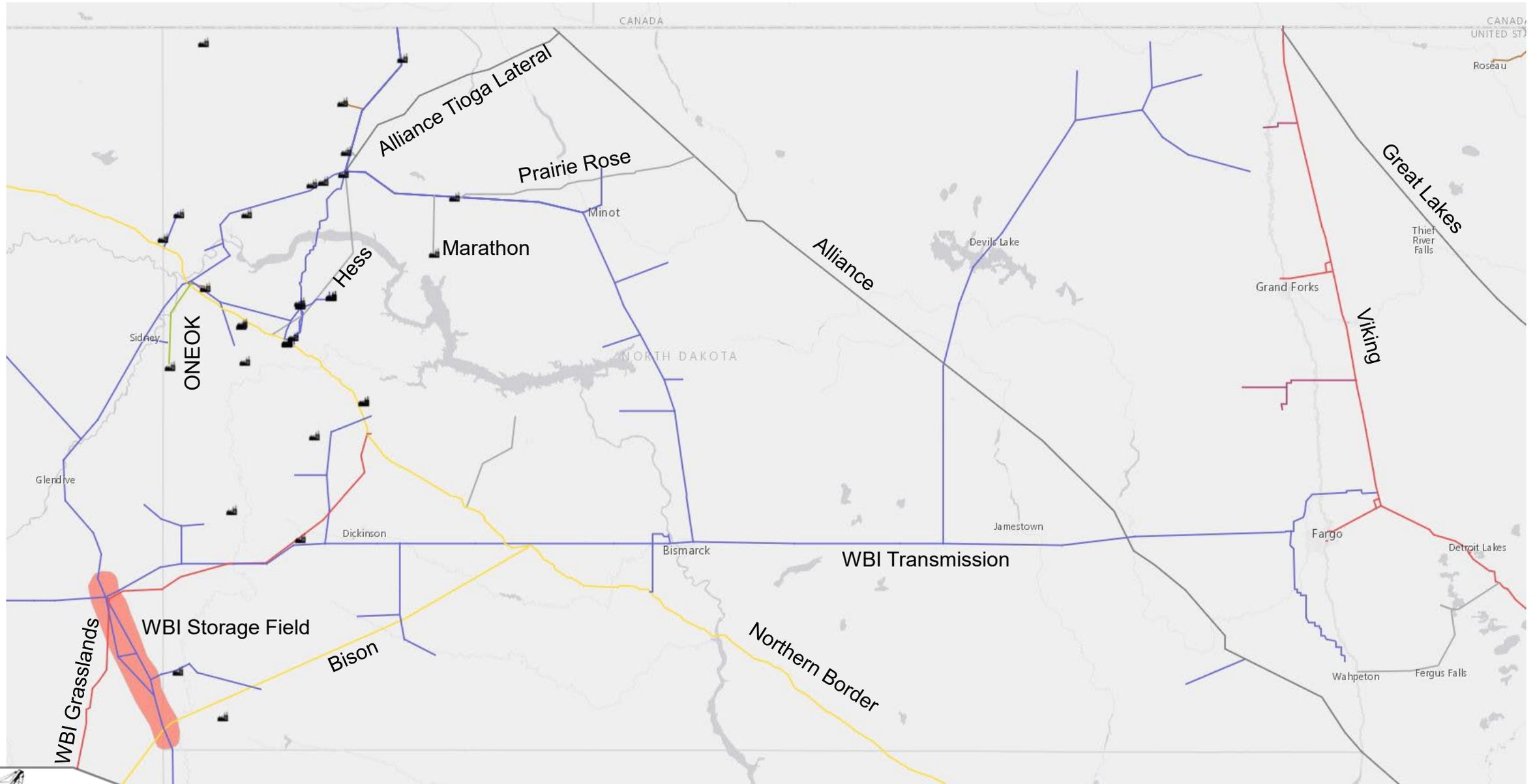
# North Dakota Gas Processing Outlook



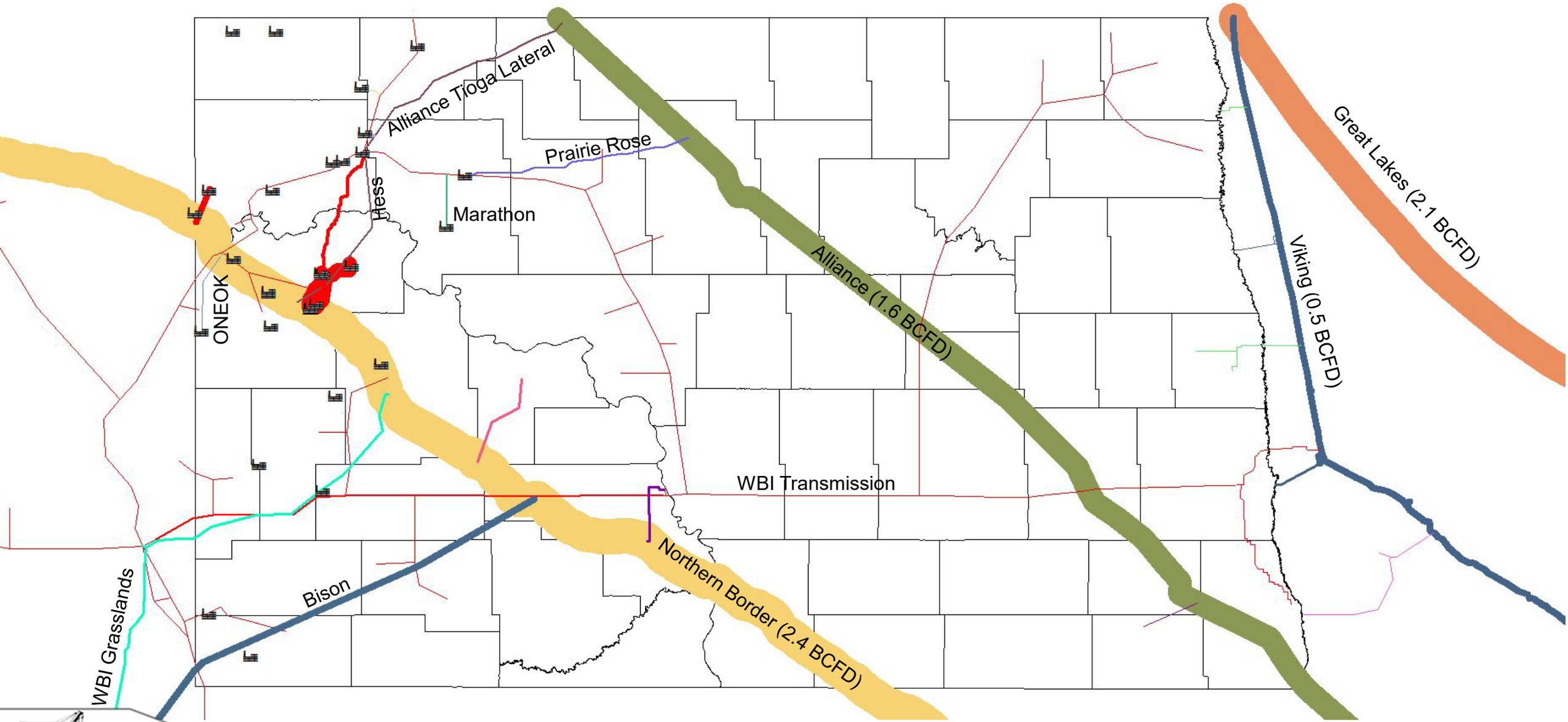
# Bakken Natural Gas Infrastructure



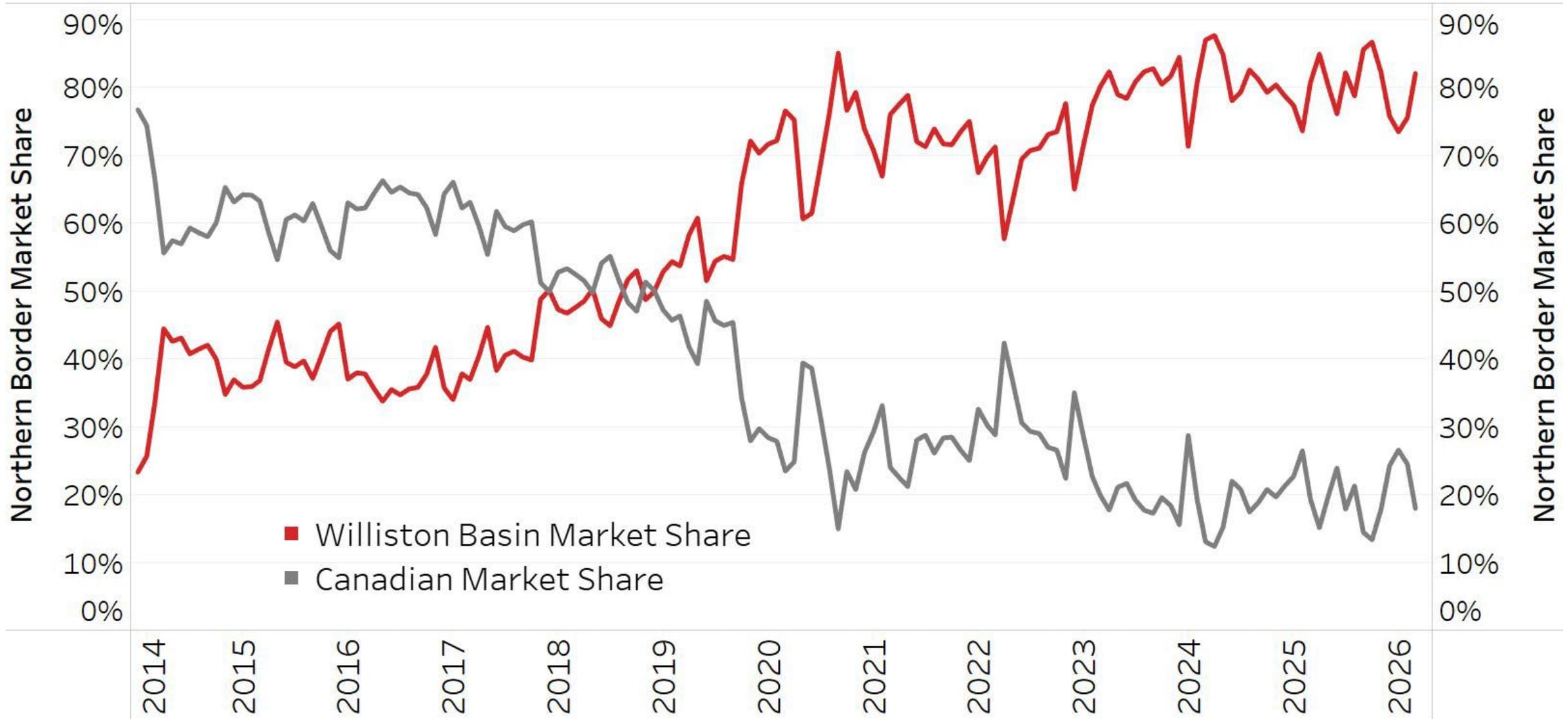
# Major Residue Gas Pipeline Infrastructure



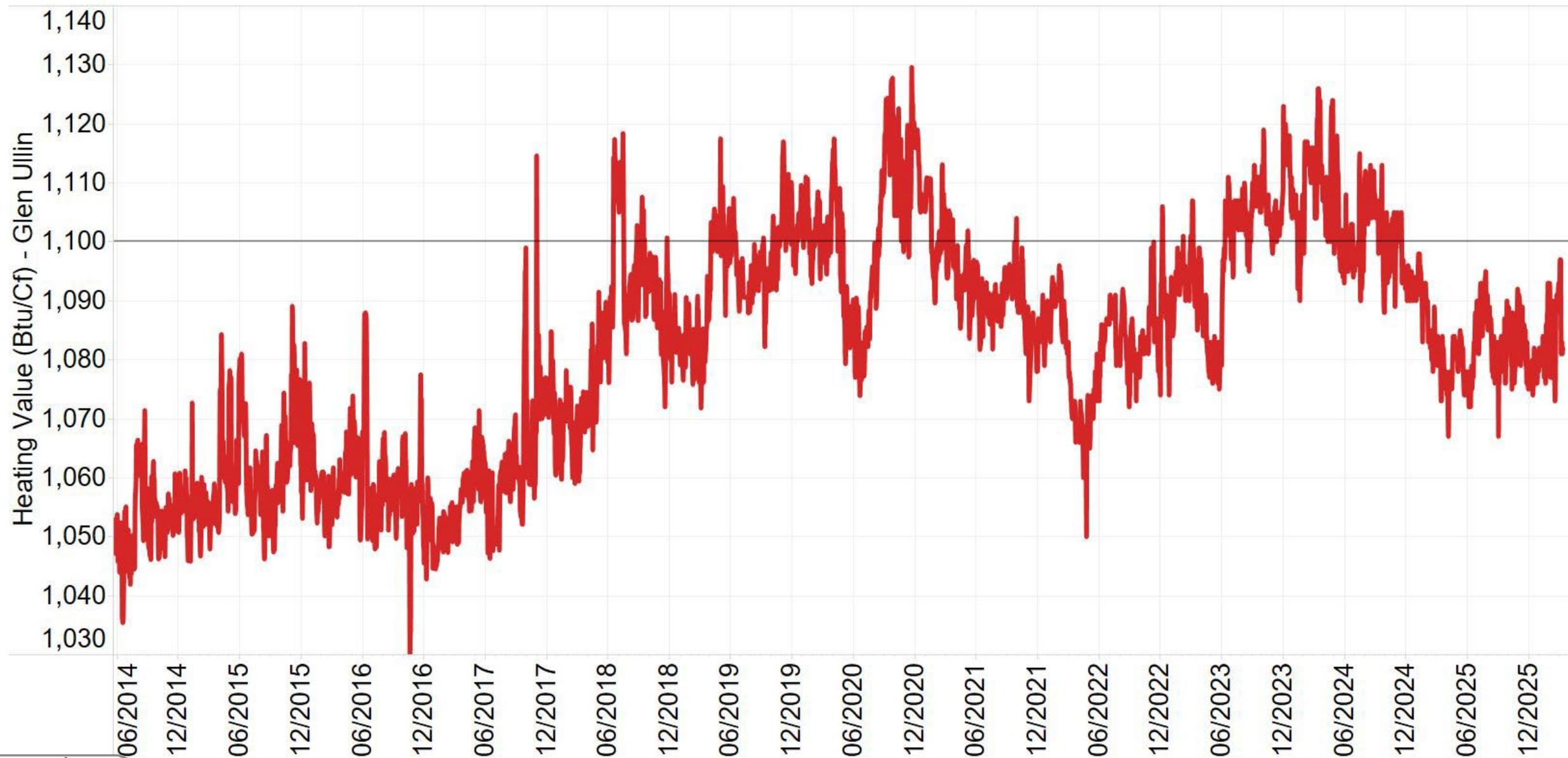
# Residue Gas Pipeline Capacity Visualization



# Northern Border Pipeline Market Share



# Northern Border BTU at Glen Ullin, ND



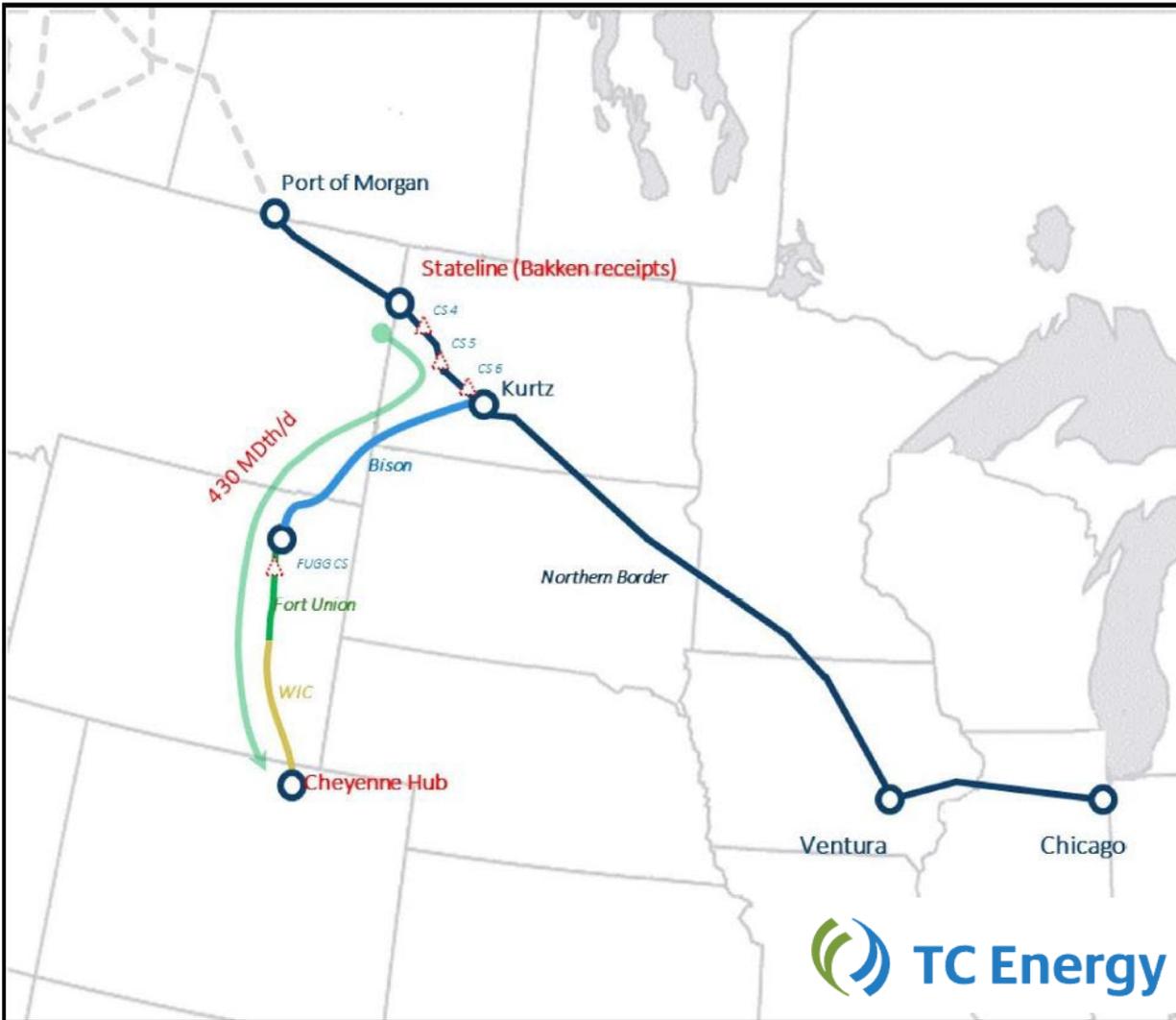
# TC Energy / Kinder Morgan: Bakken xPress Project

## Project Highlights

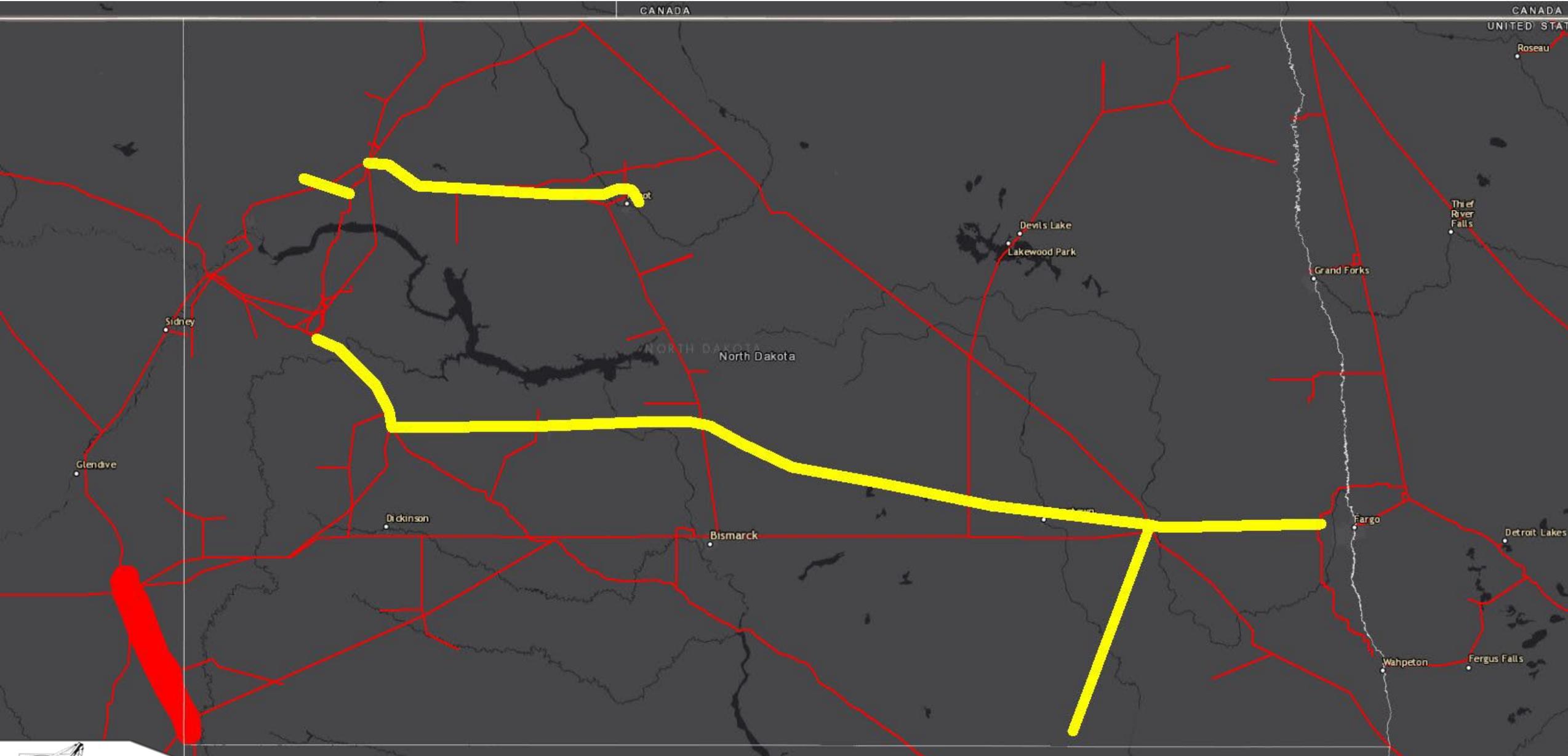
- Non-binding open season April 4 - May 6, 2022
- Binding Open Season: June 1-30, 2023
- Three compressor upgrades in North Dakota
- Reverse the idle Bison Pipeline (30" – 302 Mile)
- Capacity 300,000 Dth/Day (430,000 Offered)
- **May 2026** targeted in-service date
- Fort Union Gas Gathering and Wyoming Interstate Company provide further transport to Cheyenne hub.
- Seeking commitments 10yrs or Longer
- \$555 million: \$347 Replacement/\$208 Expansion

## Proposed Rates

- NBPL/Bison \$0.45/Dth + Fuel/Elec to WIC/FUG Interconnect
- WIC/FUG to Cheyenne \$0.30/Dth + Fuel/Elec
- Anchor Shipper Minimum: 50,000 Dth/Day



# Beyond 2026: Gas Transmission Projects



# WBI Energy: Proposed Bakken East Project

## Natural Gas Pipeline Project Highlights

- Non-binding open season Dec 16 – Jan 31, 2025
- Binding open season Feb 2 – Mar 12, 2026
- 455 Miles: 36", 30", & 20" Pipe
- Proposed Capacity 1,400,000 to 1,700,000 Dth/Day
- Phase 1 (West) : Nov 2029 targeted in-service
- Phase 2 (East) : Nov 2030 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



- ★ Cities
- Bakken East Pipeline Project
- Existing WBI Energy System



# Intensity Infrastructure Partners Proposed Pipeline



## Phase 1 Project Highlights

- Non-binding open season Feb 3 – Mar 7, 2025
- 136 Miles: 36" Pipe
- Proposed Capacity 1,100,000 Dth/Day
- July 2029 targeted in-service
- Seeking commitments 10yrs or Longer

## Phase 1 Estimated Rates

- Sub- $\$0.40$ /Dth + Fuel/Electric/Commodity
- Anchor Shipper Minimum: 100,000 Dth/Day
- Foundation Shipper Minimum: 250,000 Dth/Day

## Phase 2 Project Highlights

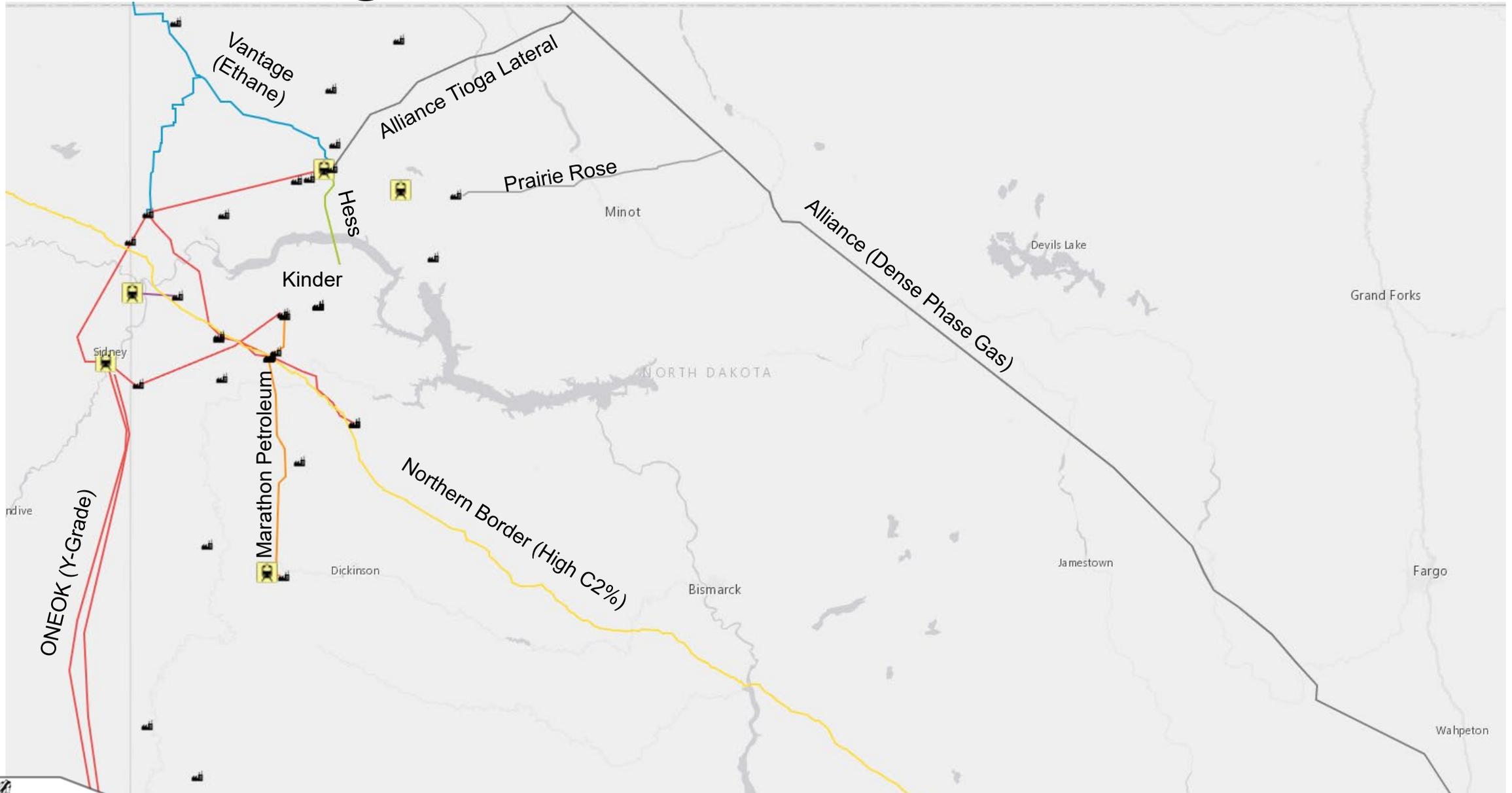
- Non-binding open season Apr 17 – May 23, 2025
- 208 Miles: 30" Pipe
- Proposed Capacity 430,000 Dth/Day
- January 2030 targeted in-service
- Seeking commitments 10yrs or Longer

## Phase 2 Estimated Rates

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



# Regional NGL Infrastructure



# Contact Information

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North Dakota Pipeline Authority

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

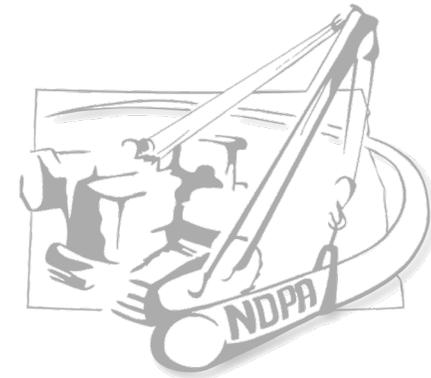
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