- Statistics
- Bakken Development
- EOR
- IIJA-REGROW
- ARPA – CCUS - Commerce
- Statistics
- Bakken Development
- EOR
- IJJA-REGROW
- ARPA – CCUS - Commerce
Oil Production

October 1,110,910 barrels/day (final)
November 1,159,778 barrels/day (all-time high 1,519,037 BOPD Nov 2019)  NM = 1,288,953

1,116,909 barrels/day or 96% from Bakken and Three Forks
42,869 barrels/day or 4% from legacy pools

Gas Production and Capture

October Production 2,999,281 MCF/day
94% Capture 2,822,914 MCF/day
November Production 3,072,306 MCF/day (all-time high 3,145,172 MCFD Nov 2019)
94% Capture 2,895,119 MCF/day (all-time high 2,899,998 MCFD Mar 2020)

Gas Capture

Statewide 94%
Statewide Bakken 95%
Non-FBIR Bakken 95%
FBIR Bakken 93%
    Trust FBIR Bakken 96%
    Fee FBIR 76%
Permits
October  37 drilling and 0 seismic
November 50 drilling and 2 seismic
December 45 drilling and 0 seismic (all-time high 370 in 10/2012)

Rig Count
November 33
December 32 (all-time high 218 on 5/29/12)
Federal surface 1

ND 32
NM 95
<table>
<thead>
<tr>
<th>Wells Waiting on Completion</th>
<th>October</th>
<th>457</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>November</td>
<td>416</td>
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</table>

<table>
<thead>
<tr>
<th>Inactive Wells</th>
<th>October</th>
<th>1,881</th>
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<tbody>
<tr>
<td></td>
<td>November</td>
<td>1,957</td>
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<table>
<thead>
<tr>
<th>Completions</th>
<th>October</th>
<th>41</th>
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<tr>
<td></td>
<td>November</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>December</td>
<td>81</td>
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<table>
<thead>
<tr>
<th>Producing Wells</th>
<th>October</th>
<th>17164</th>
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<tbody>
<tr>
<td></td>
<td>November</td>
<td>17,238 (preliminary)(NEW all-time high 17,238 November 2021)</td>
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<td></td>
<td></td>
<td>14,940 wells or 87% are now unconventional Bakken – Three Forks wells</td>
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<tr>
<td></td>
<td></td>
<td>2,298 wells or 13% produce from legacy conventional pools</td>
</tr>
</tbody>
</table>
- Statistics
- Bakken Development
- EOR
- IIJA-REGROW
- ARPA – CCUS - Commerce
Tier 1
- 80-85%
- +8,000 wells

Tier 2
- 50%
- +8,000 wells

Tier 3
- 25%
- +7,000 wells
Features of Project Location

- 2560-acre Spacing Unit of Interest
- Existing Middle Bakken Horizontal
- Existing Three Forks Horizontal
- Existing Gas Pipeline (LMS)
- Existing Water Pipeline (LMS)

- Location selected based on results and learnings from prior Bakken EOR pilots, specifically the "Stomping Horse" pilot documented in NDIC Case No. 27926.
- Utilizes more recently completed infill wells (August '19); limited depletion.
- Accesses rich gas via connection to the gas plant gathering line.
- Liberty operates most of the offsetting DSUs.
- Well & completion design provides for favorable conformance along the horizontal Interval using cemented liners with "Plug & Perf" completions.
- Jet pump operations ease well conversion to injection.
- Offset well configuration allows for surveillance and boundaries.
Core = Tier 1
80-85%
+8,000 wells

Tier 2
50%
+8,000 wells

Tier 3
25%
+7,000 wells
Geologic Structure Map
Top Upper Bakken Shale
C.I. = 100 ft Subsea

- Existing Middle Bakken Horizontal
- Existing Three Forks Horizontal
- Existing Liberty Spacing unit
- Existing 1920-acre Spacing Unit
- Proposed 3840-acre Spacing Unit

Exhibit 6.1
Case No. 28831
1920-acre Spacing Unit
Sections 30 & 31 T151N-R102W
and Section 6 T150N-R102W
Whiting's working interest = 56.43%

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA
DATE
Filed Case No. 23061
Introduced By Whiting
Exhibit
Identified By Mansfield

Whiting Oil and Gas Corporation
Land Plat

Case #23061
D. Mansfield
July 28, 2021
- Statistics
- Bakken Development
- EOR
- IIJA-REGROW
- ARPA – CCUS - Commerce
Proposed horizontal water injection well location and offset vertical type well
• Statistics
• Bakken Development
• EOR
• IIJA-REGROW
• ARPA – CCUS - Commerce
Table 13. Updated Data on Documented Orphan Wells

<table>
<thead>
<tr>
<th>State</th>
<th>Total Documented Orphan Wells*</th>
<th>Documented Orphan Wells on State and Private Lands*</th>
<th>Date of Reported Number if other than November 15, 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
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<td>Alaska</td>
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<td>Arkansas</td>
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<td>North Dakota</td>
<td>332</td>
<td>186</td>
<td>11/30/2021</td>
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<tr>
<td>Ohio</td>
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<td>Totals - State</td>
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Please provide an explanation if the orphan well count differs by 10% or more from the count as of December 31, 2020.

The reduction in wells reported between December 31, 2020 and November 30, 2021 is a result of North Dakota’s ongoing plugging and reclamation work completed.

2021
11/15/2021 Enactment of the Infrastructure Investment and Jobs Act (Section 40601 -)
11/30/2021 Report documented orphan wells as of 11/15/21 to IOGCC
12/30/2021 Notice of Intent to Apply for "Formula" Funding Grant

2022
1/29/2022 Posting of "Formula" Funding Grant amounts online
5/14/2022 Application deadline for "Initial-25" Funding Grants
6/18/2022 (If "Initial-25" Grant Received) - Date funds received by state.
5/11/2022 No less than 50% of "Initial-25" Grant funds received must be obligated
10/11/2022 Earliest date to apply for "Performance-Regulatory Improvement" & "Performance-Matching" Grant that could allow for earliest receipt of funds.
12/10/2022 Earliest date "Performance-Regulatory Improvement" & "Performance-Matching" Grant funds may be received.

2023
6/13/2023 Deadline for "Initial-25" Funding Grants to be obligated
6/30/2023 1st "Performance-Matching" Grant fund expensed.

2031
6/30/2031 Deadline for all "Performance-Matching" Grant eligibility. Not to exceed a total amount received of $30,000,000 between 2022-2031 per state.

2032
12/7/2032 Reimbursement for failure to maintain protections under the "Performance-Regulatory Improvement" Grant Due, if applicable.
Matching Grants
- Statistics
- Bakken Development
- EOR
- IIJA-REGROW
- ARPA – CCUS - Commerce
Gas Transmission Expected to Limit Oil Production

- ND Gas Capped 4.475 BCFD (250 MMCFD Residue Solution)
- ND Gas Capped 4.1 BCFD (Current Capacity)
- GOR

NDPA Base Forecast

J. J. Kringstad - North Dakota Pipeline Authority
Gas Transmission Expected to Limit Oil Production

- Oil Production: Gas Capped at 4.475 BCFD
- Oil Production: Gas Capped at 4.1 BCFD
- Incremental Oil With 250MMCFD Residue Solution
Legislative Appropriation: Senate Bill 2345 Section 1, subsection 1

There is appropriated from federal funds derived from the state fiscal recovery fund, not otherwise appropriated, the sum of $150,000,000, or so much of the sum as may be necessary, to the Industrial Commission for the purpose of pipeline infrastructure grants to allow for the transportation of natural gas to eastern North Dakota for the period beginning December 1, 2021 and ending June 30, 2023. Of the funds appropriated in this subsection, at least $10,000,000 must be used for a project to transport natural gas to areas in Grand Forks County.