Agenda

- Introduction to Hess
- Bakken Development – Overview of Below Surface Operations
  - Surface Activity and Road Usage Summary for New Well Development
    - Construction Activity
    - Rig Moves and Drilling Operations
    - Frac Moves and Frac Operations
- How Do We Minimize Our Impact to Roads?
<table>
<thead>
<tr>
<th>2023 Net Production</th>
<th>2023 CAPEX</th>
<th>YE 2022 Proved Reserves</th>
</tr>
</thead>
<tbody>
<tr>
<td>355,000 to 365,000 barrels of oil equivalent per day</td>
<td>~$3.7 billion</td>
<td>1.26 billion barrels of oil equivalent</td>
</tr>
</tbody>
</table>

Map showing locations: North Dakota, Gulf of Mexico (US), Guyana, Suriname, Malaysia, Malaysia/Thailand Joint Development Area.
Hess Leading Acreage Position in the Bakken
Growing production while being a role model for our community

- Long history in basin; focus on core acreage with stable existing production and substantial future drilling inventory
  - Drilled first well in 1951; ~$8 billion invested in last 5 years
  - Operating in ~460,000 net acres;
  - ~1,600 Hess operated wells / support; ~1,500 non-op wells
  - ~1,800 future Hess locations, 60+ rig years at $60 WTI
  - ~80% of recoverable resources yet to produce

- Increasing activity to grow production
  - 4th rig added July ’22; expect to maintain program
  - 4 rigs grows net production to 200 MBOEPD
  - Planning to spend ~$1.1 billion in 2023; ~110 new wells online

- Sustainable practices create value for all stakeholders
  - Environmental risks can be addressed while still providing safe, affordable and reliable energy
  - Actively working to reduce our operational GHG emissions focusing on reducing flaring and improving total gas capture
  - Committed to eliminating routine flaring by year-end 2025
Overview of How We Develop the Bakken
Drilling to wells online and how it connects below the surface
Bakken Asset Well Factory
Life cycle of well extends to 40+ years

Year 0
- Scoping
- Planning
- Civil Construction

Year 1
- Drilling
- Frac

Years 2-40+
- Production
- Midstream & Marketing
- Maintenance

Year ~40+
- Abandonment & Site Reclamation
Well Pad & Facility Construction
What does it take to Plan and Build a Pad and Facility for New Bakken Well

- 6 months to complete surface well planning
  - Survey (topographic and environmental), design, land agreements, permits
  - Longer for wells that require federal permits
  - Up to 2 years ahead of planned drilling date
- 30 days for pad construction
  - Earthwork, underground flowlines, surfacing
- 20 days for new facility construction
  - Facility build
  - *Excludes pipeline scope

<table>
<thead>
<tr>
<th>Activity</th>
<th>Approximate Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil Construction Loads</td>
<td>120 loads (5 permitted)</td>
</tr>
<tr>
<td>Facility Construction Loads</td>
<td>20 loads (5 permitted)</td>
</tr>
<tr>
<td>Heaviest Load</td>
<td>100,000 lbs.</td>
</tr>
<tr>
<td>Count of people on site</td>
<td>5 - 25</td>
</tr>
</tbody>
</table>

- XXX

Activity Approximate Impact
Drilling Operations and Moves
What does it take to drill a Bakken Well?

- 12.5 days per well (was 30 days in 2012)
  - Average duration per well includes rig up, drilling wells, rig walks, rig down
- 7 days for drilling the vertical and curve
- 5 days for drilling horizontal
- .5 days to walk from well to well
  - Rig “walks” 33’ from well to well
- 5 days for rig move from site to site

<table>
<thead>
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<th>Activity</th>
<th>Approximate Impact</th>
</tr>
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<tbody>
<tr>
<td>Move in rig</td>
<td>95 loads (40 permitted)</td>
</tr>
<tr>
<td>Total weight of equipment</td>
<td>1,844,000 lbs. (Rig)</td>
</tr>
<tr>
<td>Heaviest Load</td>
<td>93,000 lbs.</td>
</tr>
<tr>
<td># of trucks during operations per well (casing, cement, cuttings, fuel)</td>
<td>45/well</td>
</tr>
<tr>
<td># of trucks for rig move</td>
<td>25</td>
</tr>
<tr>
<td>Count of people on site</td>
<td>20-50</td>
</tr>
</tbody>
</table>
Completions Operations and Moves
What does it take complete a Bakken well?

- Completions includes Frac, Coil Tubing, Flowback
  - 3.5 days per well for a frac
    - Pumping water and proppant downhole
  - 2 days per well for coil tubing
    - “Cleaning out” well
  - 10 days per well for Flowback
    - Initial production of the well

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<tr>
<td>Move in frac equipment</td>
<td>76 (36 permitted)</td>
</tr>
<tr>
<td>Total weight of equipment</td>
<td>4,700,000 lbs (Frac Equipment)</td>
</tr>
<tr>
<td>Heaviest Load</td>
<td>98,500 lbs</td>
</tr>
<tr>
<td># of trucks during operations</td>
<td>28/well</td>
</tr>
<tr>
<td># of people on location during operations</td>
<td>74</td>
</tr>
<tr>
<td># of sand trucks</td>
<td>245/well</td>
</tr>
<tr>
<td># number trucks required if water is not piped into location</td>
<td>2220/well</td>
</tr>
</tbody>
</table>
Mitigating the Impacts to the Roads Where we Operate
What does Hess do from planning to execution to minimize our impact?

- **Upfront planning**
  - Development plans
    - Well planning
      - Multi-batch pads
      - Extended laterals
    - Utilizing existing infrastructure (including roadways)
      - Constructed/Improved roughly 4 miles of public roadway in 2021 and 2022
  - Development schedules
    - Rig move and frac timing
    - Planning around county road projects

- **Operational changes**
  - Water handling during completions
  - X-rigs
    - More divisible than other rigs
    - Moving rigs from generator power to line power
  - Production volumes from truck to pipelines
Key Takeaways

- Extensive process to develop a Bakken well

- There is efficient traffic associated with Bakken well development
  - Pad/Facility Construction, Drilling and Completions

- Things we do to help reduce our impact on roadways
  - Planning
  - Operational improvements
Typical Well Pad Facility Layout

1. Flare
2. Separation Vessel/Skid
3. Production Tanks (oil and produced water)
4. Pipeline Tie-Ins
5. Producing Wells
6. Site Containment ditch and Controlled Stormwater Discharge
1. Crane & Wireline Operations
2. Well Heads
3. Horsepower Units & Missile
4. Data Van
5. Sand Delivery
6. Above Ground Water Tanks
7. Safety Trailer & PIC Quarters
Typical Rig Layout

1. Drill Floor
2. Mud Pits/ Tanks
3. Generators and Mud Pumps
4. Drilling Fluid Storage Tanks
5. Safety Trailer and Crew Quarters
6. Tubular Handling Equipment
7. Solids Control Area