

|   |                                 |                                     |   |
|---|---------------------------------|-------------------------------------|---|
| FORM NO. 22 R 10/09   | SUBMIT IN QUADRUPPLICATE TO:    | ARM 36.22.307<br>ARM 36.22.601      | Lease Name:<br>Butch Cassidy                          |
| <b>MONTANA BOARD OF OIL AND GAS CONSERVATION</b><br>2535 ST. JOHNS AVENUE, BILLINGS, MONTANA 59102  |                                 |                                     | Lease Type (Private/State/Federal):<br>Private        |
| Application for Permit To:  |                                 |                                     | Well Number:<br>3H                                    |
| Drill <input checked="" type="checkbox"/>   | Deepen <input type="checkbox"/> | Re-enter <input type="checkbox"/>   | Field Name or Wildcat:<br>Elm Coulee Northeast        |
| Oil <input checked="" type="checkbox"/>   | Gas <input type="checkbox"/>    | Other <input type="checkbox"/>      |   |
| Operator: Prima Exploration, Inc.<br>Address: 250 Filmore St, Suite 500<br>City: Denver State: CO Zip: 80206<br>Telephone Number: 303-755-5681                      |                                 |                                     | Unit Name (if applicable):<br>N/A                     |
| Surface Location of Well (quarter-quarter and footage measurements):<br>NE 1/4 NW1/4 Sec. 30 T25N R59E 290' FNL 1825' FWL   |                                 |                                     | Objective Formation(s):<br>Bakken                     |
| Proposed Total Depth and Bottom-hole Location(s) if directional or horizontal well:<br>TD - 20,889' MD.<br>BHL - NW 1/4 NE 1/4 Sec. 18 T25N R59E 250' FNL 1900' FEL |                                 |                                     | Township, Range, and Section:<br>T25N R59E Section 30 |
|   |                                 |                                     | County:<br>Richland                                   |
|   |                                 |                                     | Elevation (indicate GL or KB):<br>2192' GL            |
| Size and description of drilling/spacing unit and applicable order, if any:<br>1280 Acre Section 18/19, MT Docket 118-2019  |                                 | Formation at total depth:<br>Bakken | Anticipated Spud Date:<br>8/15/2022                   |

| Hole Size | Casing Size | Weight / Foot | Grade (API) | Depth   | Sacks of Cement | Type of Cement |
|-----------|-------------|---------------|-------------|---------|-----------------|----------------|
| 13 1/2"   | 9 5/8"      | 36#           | J-55 LTC    | 2,200'  | 625             | See Attached   |
| 8 3/4"    | 7"          | 32#           | HCP110 LTC  | 10,845' | 656             | See Attached   |
| 6"        | 4 1/2"      | 13.5#         | HCP110 GBCD | 20,889' | 564             | See Attached   |

**Describe Proposed Operations:**  
Describe or attach labeled diagram of blowout preventer equipment. Indicate if air drilled or describe mud program.  
Please see attached programs.  
Prima Exploration, Inc. requests variance to NOT run Open hole logs on the subject well. Offset logs can be found for the ~~Tenneco Oil Company, E.V. Vanderhoof #1, Sec. 19 T25N R59E, Richland County, MT.~~  
*Young Heirs 4 .30*

|  |                                   |
|--|-----------------------------------|
| <b>BOARD USE ONLY</b> <i>By CMW Consulting, Inc.</i>   |                                   |
| Approved (date) <u>MAR 15 2022</u>   | Permit Fee <u>\$150.00</u>        |
| By <u><i>[Signature]</i></u>   | Check Number <u>510316</u>        |
| Title <u>Petroleum Engineer</u>  | Permit Expires <u>SEP 15 2022</u> |
|  | Permit Number <u>32702</u>        |
| THIS PERMIT IS SUBJECT TO THE CONDITIONS OF APPROVAL STATED ON THE BACK                                  |                                   |
| API Number: 25 - <u>083 - 23427</u>  |                                   |
| The undersigned hereby certifies that the information contained on this application is true and correct: |                                   |
| Signed (Agent) <u><i>[Signature]</i></u>   |                                   |
| Title <u>Ren Gardner - Agent/Petroleum Engineer</u>  |                                   |
| Date <u>3/9/2022</u>   |                                   |
| Telephone Number <u>406-259-4878</u>   |                                   |

Samples Required: NONE  ALL \_\_\_\_\_ FROM \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Core chips to address below, full cores to USGS, Core Laboratory, Arvada, CO. Required samples must be washed, dried and delivered prepaid to:  
Montana Board of Oil and Gas Conservation  
2535 St. Johns Avenue  
Billings, MT 59102

## SUPPLEMENTAL INFORMATION

Note: Additional information or attachments may be required by Rule or by special request.

1. Attach a survey plat certified by a registered surveyor. The survey plat must show the location of the well with reference to the nearest lines of an established public survey.
2. Attach an 8 1/2 x 11" photocopy of that portion of a topographic map showing the well location, the access route from county or other established roads, residences, and water wells within a 1/2 mile radius of the well.
3. Attach a sketch of the well site showing the dimensions and orientation of the site, the size and location of pits, topsoil stockpile, and the estimated cut/fill at the corners and centerstake. (Note: the diagram need not be done by an engineer or surveyor). Attach a sketch of a top view and two side views of the reserve pit(s), if utilized. The reserve pit sketch must show the length, width, depth, cut and fill, amount of freeboard, area of topsoil stockpile, and the height and width of berms.
4. Describe the type and amount of material or liner, if any, to be used to seal the reserve pit. If a synthetic liner is used, indicate the liner thickness (mils), bursting strength, tensile strength, tear strength, puncture resistance, hydrostatic resistance, or attach the manufacturer's specifications.
5. Describe the proposed plan for the treatment and/or the disposal of reserve pit fluids and solids after the well is drilled. If the operator intends to dispose of or treat the reserve pit contents off-site, specify the location and the method of waste treatment and disposal. (Note: The operator must comply with all applicable federal, state, county, and local laws and regulations with regard to the handling, transportation, treatment, and disposal of solid wastes.)
6. Does construction of the access road or location, or some other aspect of the drilling operation require additional federal, state, or local permits or authorizations? If yes, indicate the type of permit or authorization required:

- No additional permits needed
- 310 Permit (apply through county conservation district)
- Air quality permit (apply through Montana Department of Environmental Quality)
- Water discharge permit (apply through Montana Department of Environmental Quality)
- Water use permit (apply through Montana Department of Natural Resources and Conservation)
- Solid waste disposal permit (apply through Montana Department of Environmental Quality)
- State lands drilling authorization (apply through Montana Department of Natural Resources and Conservation)
- Federal drilling permit (specify agency)
- Other federal, state, county, or local permit or authorization: (specify type) \_\_\_\_\_

### NOTICES:

1. Date and time of spudding must be reported to the Board verbally or in writing within 72 hours after the commencement of drilling operations.
2. The operator must give notice of drilling operations to the surface owner as required by Section 82-10-503, MCA, before the commencement of any surface activity.

### BOARD USE ONLY

### CONDITIONS OF APPROVAL

The operator must comply with the following condition(s) of approval:

**RECEIVED**

**MAR 10 2022**

**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

**WARNING: Failure to comply with conditions of approval may void this permit.**





