

FORM  
2

Rev  
12/05

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400015394

Plugging Bond Surety

20060153

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER \_\_\_\_\_  
SINGLE ZONE ☐ MULTIPLE ZONE ☒ COMMINGLE ZONE ☒

Refiling ☐

Sidetrack ☐

3. Name of Operator: EXXON MOBIL CORPORATION

4. COGCC Operator Number: 28600

5. Address: P O BOX 4358

City: HOUSTON State: TX Zip: 77210-4358

6. Contact Name: LYNN NEELY Phone: (281)654-1949 Fax: (262)313-9747

Email: LYNN.R.NEELY@EXXONMOBIL.COM

7. Well Name: FREEDOM UNIT Well Number: 197-28A6

8. Unit Name (if appl): FREEDOM UNIT Unit Number: COC-069547X

9. Proposed Total Measured Depth: 13

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 28 Twp: 1S Rng: 97W Meridian: 6

Latitude: 39.934490 Longitude: -108.295893

Footage at Surface: 2372 FNL/FSL FSL 235 FEL/FWL FWL

11. Field Name: PICEANCE CREEK Field Number: 68800

12. Ground Elevation: 6082 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 02/20/2009 PDOP Reading: 3.1 Instrument Operator's Name: D. PETTY

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1860 FSL 834 FEL 834 FEL 1860 FSL 834 FEL 834  
Sec: 29 Twp: 1S Rng: 97W Sec: 29 Twp: 1S Rng: 97W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 376 ft

18. Distance to nearest property line: 309 ft 19. Distance to nearest well permitted/completed in the same formation: 933 ft

20. LEASE, SPACING AND POOLING INFORMATION

| Objective Formation(s) | Formation Code | Spacing Order Number(s) | Unit Acreage Assigned to Well | Unit Configuration (N/2, SE/4, etc.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| MESAVERDE              | MVRD           |                         |                               |                                      |
| OHIO CREEK             | OHCRK          |                         |                               |                                      |
| WASATCH                | WSTC           |                         |                               |                                      |

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: \_\_\_\_\_

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#: 1980

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☒ Yes ☐ No

23b. If 23 is No ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):  
SEE ATTACHED MAP AND MINERAL LEASE DESCRIPTION

25. Distance to Nearest Mineral Lease Line: 167 ft 26. Total Acres in Lease: 760

### DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☒ Yes ☐ No

30. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: BURIAL

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bottom | Cement Top |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| CONDUCTOR   | 26           | 16             | LINE PIPE       | 120           | 96           | 120           |            |
| SURF        | 14+3/4       | 10+3/4         | 45.5            | 4,100         | 2,300        | 4,100         |            |
| 1ST         | 9+7/8        | 7              | 23 OR 26        | 8,750         | 1,380        | 8,750         | 3,600      |
| 2ND         | 6+1/8        | 4+1/2          | 15.1            | 12,800        | 630          | 12,800        | 6,200      |

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☒ Rotating Head ☐ None

33. Comments SEE ATTACHMENT FOR COMMENTS ON ITEMS 29 & 30 AND CASING PROGRAM.

34. Location ID: 336043

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: LYNN NEELY

Title: REGULATORY SPECIALIST Date: 11/16/2009 Email: LYNN.R.NEELY@EXXONMOB

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

|                                 |   |
|---------------------------------|---|
| API NUMBER<br>05                | Permit Number: _____ Expiration Date: _____ |
| CONDITIONS OF APPROVAL, IF ANY: |   |

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

24-HOUR SPUD NOTICE REQUIRED. E-MAIL david.Andrews@state.co.us

RESERVE PIT MUST BE LINED.

CEMENT-TOP VERIFICATION BY CBL REQUIRED.

OPERATOR MUST ENSURE 110 PERCENT SECONDARY CONTAINMENT FOR ANY VOLUME OF FLUIDS CONTAINED AT WELL-SITE DURING DRILLING AND COMPLETION OPERATIONS. IF FLUIDS ARE CONVEYED VIA PIPELINE, OPERATOR MUST IMPLEMENT BEST-MANAGEMENT-PRACTICES TO CONTAIN ANY UNINTENTIONAL RELEASE OF FLUIDS.

THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE-MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.

THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1-MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 2253 FEET DEEP.

### **Attachment Check List**

| Att Doc Num | Name                   | Doc Description                      |
|-------------|------------------------|--------------------------------------|
| 400015488   | OTHER                  | APD Attachment Form 2.pdf            |
| 400015489   | WELL LOCATION PLAT     | FRU 197-28A6 Legal Plats.pdf         |
| 400015490   | DEVIATED DRILLING PLAN | FRU 197-28A6_Directional Plan.pdf    |
| 400015491   | LOCATION DRAWING       | APD Location Plats.pdf               |
| 400015492   | TOPO MAP               | APD Topos_Pics_Description.pdf       |
| 400015493   | MINERAL LEASE MAP      | FRU 197-28A_Mineral Lease & Map.pdf  |
| 400015494   | SURFACE OWNER CONSENT  | FRU 197-28A_Surface Owner Letter.pdf |
| 400016074   | FORM 2 SUBMITTED       | 400016074.pdf                        |

Total Attach: 8 Files