

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:

400015509

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: 197-28A8

8. Unit Name (if appl): FREEDOM UNIT Unit Number: COC069547  
X

9. Proposed Total Measured Depth: 12800

WELL LOCATION INFORMATION

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

Latitude: 39.934571 Longitude: -108.295879

Footage at Surface: 2402 FNL/FSL FSL 240 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 2316 FSL 42 FEL FEL Bottom Hole: FNL/FSL 2316 FSL 42 FEL FEL  
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: 406 ft

18. Distance to nearest property line: 279 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#: 19800009

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: 1252 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	0
SURF	14+3/4	10+3/4	45.5	4,100	2,300	4,100	0
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 CEMENTING 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: David S. Neslin Director of COGCC Date: 1/20/2010

API NUMBER 05 103 11631 00	Permit Number: _____	Expiration Date: 1/19/2012
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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
400015526	PLAT	LF@2190260 400015526
400015527	DEVIATED DRILLING PLAN	LF@2395336 400015527
400015528	OTHER	LF@2395337 400015528
400015529	LOCATION DRAWING	LF@2190265 400015529
400015530	ACCESS ROAD MAP	LF@2395339 400015530
400015531	LEGAL/LEASE DESCRIPTION	LF@2395340 400015531
400015532	OTHER	LF@2395341 400015532
400016075	FORM 2 SUBMITTED	LF@2395343 400016075

Total Attach: 8 Files