

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:

400033721

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: Mark Cornett Phone: (281)654-1925 Fax: (281)654-1940  
Email: mark.cornett@exxonmobil.com

7. Well Name: Freedom Unit Well Number: 197-23A8

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

9. Proposed Total Measured Depth: 14500

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 23 Twp: 1S Rng: 97W Meridian: 6

Latitude: 39.945561 Longitude: -108.241838

Footage at Surface: 1040 FNL/FSL FSL 899 FEL/FWL FEL

11. Field Name: Piceance Creek Field Number: 68800

12. Ground Elevation: 6723 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 08/21/2007 PDOP Reading: 2.1 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 1656 FSL 1675 FEL 1656 FEL 1675 FEL  
Sec: 23 Twp: 1S Rng: 97W Sec: 23 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: 290 ft

18. Distance to nearest property line: 899 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 #: COC61716

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

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

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):  
Mineral lease description included in initial application and has not changed.

25. Distance to Nearest Mineral Lease Line: 1656 ft 26. Total Acres in Lease: 672

### 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	20	16	84	120	96	120	0
SURF	14+3/4	10+3/4	45.5	4,600	1,340	4,600	0
1ST	9+7/8	7	26	9,900	780	9,900	4,300
2ND	6+1/8	4+1/2	15.1	14,300	260	14,300	7,700

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

33. Comments No changes to surrounding land use, well construction plan or mineral lease description. Proposed well site and access road have not been built. Finished pad elevation has changed (by less than 1 foot) since last submittal, however no additional land disturbance is required due to this change. Circulation chamber and liquid mud reserve pit configuratin ahs changed slightly and pits are now deeper, but pit footprint has not changed. RIG IS CURRENTLY PLANNED TO BE ON LOCATION IN MID-JUNE '10. CURRENT APD EXPIRES ON 04/13/2010.

34. Location ID: 335944

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: Mark Cornett

Title: Regulatory Specialist Date: 2/26/2010 Email: mark.cornett@exxonmobil.com

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: 4/28/2010

Permit Number: \_\_\_\_\_ Expiration Date: 4/27/2012

**API NUMBER**

05 103 11230 00

**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.

1)COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED. 2)CEMENT TOP VERIFICATION BY CBL REQUIRED. 3)THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 000 FEET DEEP.

**Attachment Check List**

Att Doc Num	Name	Doc Description
400043012	CONST. LAYOUT DRAWINGS	LF@2431989 400043012
400043466	FORM 2 SUBMITTED	LF@2431990 400043466

Total Attach: 2 Files