

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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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 ☐

Document Number:

400036474

Plugging Bond Surety

20060153

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: 197-31B6

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

9. Proposed Total Measured Depth: 13500

WELL LOCATION INFORMATION

10. QtrQtr: nesw Sec: 31 Twp: 1s Rng: 97w Meridian: 6
Latitude: 39.918384 Longitude: -108.326013

Footage at Surface: 2106 FNL/FSL FSL 1984 FEL/FWL FWL

11. Field Name: Piceance Creek Field Number: 68800

12. Ground Elevation: 6481 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 01/17/2006 PDOP Reading: 2.8 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 688 FSL 1623 FWL FWL Bottom Hole: FNL/FSL 688 FSL 1623 FEL/FWL FWL
Sec: 31 Twp: 1s Rng: 97w Sec: 31 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: 1753 ft

18. Distance to nearest property line: 1984 ft 19. Distance to nearest well permitted/completed in the same formation: 739 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 #: COC60722

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):
See attached mineral lease description

25. Distance to Nearest Mineral Lease Line: 688 ft 26. Total Acres in Lease: 1345

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	100	120	0
SURF	14+3/4	10+3/4	45.5	4,200	1,350	4,200	0
1ST	9+7/8	7	26	8,800	710	8,800	3,700
2ND	6+1/8	4+1/2	15.1	12,800	240	12,800	6,500

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

33. Comments _____

34. Location ID: _____

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: 2/13/2010 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: 4/15/2010

API NUMBER 05 103 11670 00	Permit Number: _____	Expiration Date: <u>4/14/2012</u>
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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.

1)24 HOUR SPUD NOTICE REQUIRED. E-MAIL: Shaun.Kellerby@state.co.us 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
400036513	DEVIATED DRILLING PLAN	LF@2422966 400036513
400036528	DRILLING PLAN	LF@2422967 400036528
400036529	SURFACE PLAN	LF@2422968 400036529
400036543	FED. DRILLING PERMIT	LF@2422969 400036543
400036554	LEGAL/LEASE DESCRIPTION	LF@2422970 400036554
400036565	UNIT CONFIGURATION MAP	LF@2422971 400036565
400036575	WELL LOCATION PLAT	LF@2422972 400036575
400036587	OTHER	LF@2422973 400036587
400040101	FORM 2 SUBMITTED	LF@2422974 400040101

Total Attach: 9 Files