

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:

400073437

Plugging Bond Surety

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: ROY SPRINGFIELD Phone: (281)654-1932 Fax: ()

Email: roy.l.springfield@exxonmobil.com

7. Well Name: FREEDOM UNIT Well Number: 297-28C9

8. Unit Name (if appl): FREEDOM Unit Number: COC69547X

9. Proposed Total Measured Depth: 12700

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 28 Twp: 2S Rng: 97W Meridian: 6

Latitude: 39.848704 Longitude: -108.278098

Footage at Surface: 2209 FNL/FSL FNL 136 FEL/FWL FEL

11. Field Name: PICEANCE CREEK Field Number: 68800

12. Ground Elevation: 6578 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 12/28/2005 PDOP Reading: 3.2 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 1511 FNL 322 FWL 1511 FNL 322 FEL 1511 FNL 322 FEL
Sec: 27 Twp: 2S Rng: 97W Sec: 27 Twp: 2S 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: 1767 ft

18. Distance to nearest property line: 1579 ft 19. Distance to nearest well permitted/completed in the same formation: 934 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 #: COC62807

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.

25. Distance to Nearest Mineral Lease Line: 1073 ft 26. Total Acres in Lease: 1248

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	LP	120	100	120	0
SURF	14+3/4	10+3/4	45.5	4,200	2,350	4,200	0
1ST	9+7/8	7+0/0	23/26	8,600	1,310	8,600	3,700
2ND	6+1/8	4+1/2	15.1	12,700	670	12,700	5,600

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

33. Comments Pad has been built & wells C1 & C2 have been drilled & completed. Cement volumes are in ft3. I certify that there has been no changes on land use, lease description. The pit has been constructed. No rig on site. The refile will not require any expansion / additional surface disturbance of the pad. The location does not require a variance from any of the rules listed in Rule 306.d.(1).(A).(ii).

34. Location ID: 336008

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: ROY L SPRINGFIELD

Title: REGULATORY SPECIALIST Date: 7/28/2010 Email: roy.l.springfield@exxonmobil.co

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. Nesline Director of COGCC Date: 8/20/2010

Permit Number: _____ Expiration Date: 8/19/2012

API NUMBER

05 103 11261 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) RESERVE PIT MUST BE LINED.

(3) CEMENT-TOP VERIFICATION BY CBL REQUIRED.

(4) 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.

(5) NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT.

(6) 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 00 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
400073437	FORM 2 SUBMITTED	LF@2500613 400073437
400073868	WELL LOCATION PLAT	LF@2500615 400073868

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	The location is not within a wildlife Restricted Surface Occupancy Area. No Form 2A required.	8/20/2010 4:28:21 PM
Permit	The location is not within a wildlife Restricted Surface Occupancy Area. No Form 2A required.	8/20/2010 4:09:58 PM
Permit	Received confirmation of footage for "distance to nearest building, public road, utility or railroad" at 1808'. Drainage at 140' from wellhead. Received approval to add: "I certify that there has been no changes on land use, lease description. The pit has been constructed. No rig on site. The refile will not require any expansion / additional surface disturbance of the pad. The location does not require a variance from any of the rules listed in Rule 306.d.(1).(A).(ii)." and Location ID: 336008.	8/19/2010 9:54:27 AM
Permit	Requesting confirmation of footage for "distance to nearest building, public road, utility or railroad". w/o confirmation of 140' from nearest building. etc. 8/9/10 plg. Requested approval of the following additions: "I certify that there has been no changes on land use, lease description. The pit has been constructed. No rig on site. The refile will not require any expansion / additional surface disturbance of the pad. The location does not require a variance from any of the rules listed in Rule 306.d.(1).(A).(ii)." and Location ID: 336008.	8/19/2010 9:38:49 AM
Permit	No lease description in Sec III, line 22. Return to draft for operator to fix and resubmit. SF 6/30/10	8/9/2010 12:27:10 PM

Total: 5 comment(s)

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