

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:

2094142

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 DEL PICO Phone: (281)654-1926 Fax: (281)654-1940
Email: MARK.DELPICO@EXXONMOBIL.COM

7. Well Name: FREEDOM UNIT Well Number: 197-21A3

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

9. Proposed Total Measured Depth: 13350

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 21 Twp: 1S Rng: 97W Meridian: 6

Latitude: 39.954910 Longitude: -108.283334

Footage at Surface: 859 FNL/FSL 1517 FEL/FWL FEL

11. Field Name: PICEANCE CREEK Field Number: 68800

12. Ground Elevation: 6065 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 11/22/2006 PDOP Reading: 2.7 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 932 FNL 2221 FEL FEL Bottom Hole: FNL/FSL 932 FNL 2221 FEL FEL
Sec: 21 Twp: 1S Rng: 97W Sec: 21 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: 1000 ft

18. Distance to nearest property line: 216 ft 19. Distance to nearest well permitted/completed in the same formation: 866 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 #: COC-61715

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 MAP AND MINERAL LEASE DESCRIPTION.

25. Distance to Nearest Mineral Lease Line: 399 ft 26. Total Acres in Lease: 1952

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	280	120	0
SURF	14+3/4	10+3/4	45.5	3,850	2,130	3,800	0
1ST	9+7/8	7	23	9,200	1,580	9,200	3,300
2ND	6+1/8	4+1/2	15.1	13,350	660	13,350	6,650

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

33. Comments SEE ATTACHED FEDERAL APPLICATION FOR ADDITIONAL DETAILS AND SEE ATTACHMENT FOR COMMENTS ON ITEMS 29 & 30, AND CASING CEMENTING PROGRAM AND REQUEST FOR EXCEPTION OF RULE 317.

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 DEL PICO

Title: STAFF REG SPECIALIST Date: 1/7/2010 Email: MARK.DELPICO@EXXONMO

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: 3/19/2010

API NUMBER

05 103 11660 00

Permit Number: _____ Expiration Date: 3/17/2012

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 200 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
2094143	WELL LOCATION PLAT	LF@2212316 2094143
2094144	TOPO MAP	LF@2217661 2094144
2094145	TOPO MAP	LF@2217662 2094145
2094146	MINERAL LEASE MAP	LF@2212317 2094146
2094147	DEVIATED DRILLING PLAN	LF@2212318 2094147
2094148	FED. DRILLING PERMIT	LF@2212319 2094148
2094149	ACCESS ROAD MAP	LF@2212322 2094149
2094150	CONST. LAYOUT DRAWINGS	LF@2212323 2094150
2094155	MULTI-WELL PLAN	LF@2212324 2094155
2098828	SURFACE PLAN	LF@2212320 2098828
2098829	PROPOSED BMPs	LF@2217769 2098829
2098830	DRILLING PLAN	LF@2212321 2098830
400031955	FORM 2 SUBMITTED	LF@2284844 400031955
400050441	APD ORIGINAL	LF@2212315 400050441

Total Attach: 14 Files