

FORM  
2Rev  
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:

400163592

Plugging Bond Surety

19880020

## APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

## 2. TYPE OF WELL

 OIL ☒ GAS ☐ COALBED ☐ OTHER \_\_\_\_\_  
 SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

 Refiling ☐  
 Sidetrack ☐
3. Name of Operator: MARATHON OIL COMPANY4. COGCC Operator Number: 536505. Address: 5555 SAN FELIPECity: HOUSTON State: TX Zip: 77056
 6. Contact Name: Anna Walls Phone: (713)296-3468 Fax: (713)513-4394  
 Email: avwalls@marathonoil.com
7. Well Name: Pawnee Creek 9-57-18 Well Number: 1B

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 10780

## WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 18 Twp: 9N Rng: 57W Meridian: 6Latitude: 40.745398 Longitude: -103.798596
 Footage at Surface: 400 feet FNL/FSL 1092 feet FEL/FWL FWL
11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 4627.5 13. County: WELD

## 14. GPS Data:

Date of Measurement: 04/19/2011 PDOP Reading: 1.2 Instrument Operator's Name: Adam Harmon15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL Bottom Hole: FNL/FSL  
600 FNL 600 FEL 600 FNL 600 FEL  
 Sec: 18 Twp: 9N Rng: 57W Sec: 18 Twp: 9N Rng: 57W
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 1112 ft18. Distance to nearest property line: 400 ft 19. Distance to nearest well permitted/completed in the same formation: 4465 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.)
Niobrara	NBRR			

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: \_\_\_\_\_22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 2007007523a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☒ No23b. If 23 is ☐ Surface Owners Agreement Attached or ☒ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard Qtr/Qtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):  
All of section 18, T9N, R57W, 6th P.M.

25. Distance to Nearest Mineral Lease Line: 600 ft

26. Total Acres in Lease: 640

### 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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☐ Offsite ☒ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: evaporation/backfill

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	20		0	40			
SURF	16	13+3/8	54.5	0	600	260	600	0
1ST	12+1/4	9+5/8	40	0	5,780	1,150	5,780	0
2ND	7+7/8	5+1/2	20	0	10,780	680	10,780	4,780

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

33. Comments Two horizontal wells (Pawnee Creek 9-57-18-1A and Pawnee Creek 9-57-18-1B) will be permitted in section 18. Marathon intends to drill only one of these wells. There are no visible improvements within 400' of wellhead. This section is on the June spacing hearing docket.

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: Anna Walls

Title: Regulatory Compliance Rep Date: \_\_\_\_\_ Email: avwalls@marathonoil.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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

API NUMBER

05

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

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.

### **Attachment Check List**

Att Doc Num	Name
400163777	PLAT
400167276	30 DAY NOTICE LETTER
400167277	DEVIATED DRILLING PLAN

Total Attach: 3 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>

Total: 0 comment(s)