

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



DE	ET	OE	ES
----	----	----	----

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 COMPANY 4. COGCC Operator Number: 53650

5. Address: 5555 SAN FELIPE  
City: 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: 6  
Latitude: 40.745398 Longitude: -103.798596

Footage at Surface: 400 feet FSL 1092 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. 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 Harmon

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
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  No

17. Distance to the nearest building, public road, above ground utility or railroad: 1112 ft

18. 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  Indian

23. Is the Surface Owner also the Mineral Owner?  Yes  No Surface Surety ID#: 20070075

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease?  Yes  No

23b. 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/Tr, 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: \_\_\_\_\_

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

**API NUMBER**  
05

**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**

<u>Att Doc Num</u>	<u>Name</u>
400163777	PLAT
400167276	30 DAY NOTICE LETTER
400167277	DEVIATED DRILLING PLAN

Total Attach: 3 Files

**General Comments**

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

Total: 0 comment(s)

**BMP**

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

Total: 0 comment(s)