

**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:  
400161847  
Plugging Bond Surety  
19880020

**APPLICATION FOR PERMIT TO:**

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

2. TYPE OF WELL

OIL  GAS  COALBED  OTHER monitor  
SINGLE ZONE  MULTIPLE ZONE  COMMINGLE ZONE

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: 1M

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

9. Proposed Total Measured Depth: 6500

**WELL LOCATION INFORMATION**

10. QtrQtr: SEW Sec: 18 Twp: 9N Rng: 57W Meridian: 6

Latitude: 40.751655 Longitude: -103.794482

Footage at Surface: 2627 feet FNL 2266 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4599 13. County: WELD

14. GPS Data:

Date of Measurement: 04/20/2011 PDOP Reading: 1.5 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 FNL/FSL FNL/FSL FNL/FSL

Sec:            Twp:            Rng:            Sec:            Twp:            Rng:           

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: 489 ft

18. Distance to nearest property line: 2266 ft 19. Distance to nearest well permitted/completed in the same formation: 10500 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	1106-SP-68	640	ALL

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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 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):  
All of section 18, T9N, R57W, 6th P.M.

25. Distance to Nearest Mineral Lease Line: 2266 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	20	16		0	40			
SURF	12+1/4	8+5/8	32	0	600	260	600	0
1ST	7+7/8	5+1/2	20	0	6,500	730	6,500	0

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

33. Comments The Pawnee Creek 9-57-18-1M is intended to be a monitor well. Marathon does not intend for the well to be a producing well. There are no visible improvements within 400' of wellhead.

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: 5/20/2011 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: David S. Neslin Director of COGCC Date: 6/17/2011

API NUMBER: **05 123 33666 00** Permit Number: \_\_\_\_\_ Expiration Date: 6/16/2013

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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.

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### **Attachment Check List**

Att Doc Num	Name
2530740	WELL LOCATION PLAT
400161847	FORM 2 SUBMITTED
400167254	30 DAY NOTICE LETTER

Total Attach: 3 Files

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### **BMP**

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

Total: 0 comment(s)