

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:

400246161

PluggingBond SuretyID

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: 770566. Contact Name: Erin Bibeau Phone: (970)419-7816 Fax: (970)493-9219Email: ebibeu@marathonoil.com7. Well Name: Crow Valley 7-62-24 Well Number: 2H

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 10701

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 24 Twp: 7N Rng: 62W Meridian: 6Latitude: 40.566060 Longitude: -104.271720
 Footage at Surface: 349 feet FNL/FSL 2069 feet FEL/FWL
 FNL FWL
11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 4869 13. County: WELD

14. GPS Data:

Date of Measurement: 11/03/2011 PDOP Reading: 2.5 Instrument Operator's Name: Allen Blattel15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 600 FNL 2072 FWL 470 FSL 1985 FWL
 Bottom Hole: FNL/FSL 470 FSL 1985 FWL
 Sec: 24 Twp: 7N Rng: 62W Sec: 24 Twp: 7N Rng: 62W
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 48 ft18. Distance to nearest property line: 349 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5320 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	407-559	640	ALL

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#: _____23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☐ No23b. 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 24, T7N, R62W, 6th P.M.

25. Distance to Nearest Mineral Lease Line: 349 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: _____

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	.5	0	90			
SURF	12+1/4	9+5/8	40	0	700	160	700	0
1ST	8+3/4	7	32	0	6,991	110	6,991	6,000
2ND	6	4+1/2	11.6	6841	10,667	220	10,667	6,841

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

33. Comments Well 7-62-24 SHL is 29' from Crow Valley 7-62-13 SHL. This is a dual pad with one horizontal BHL in Section 13 and one horizontal BHL in Section 24. Related form 2A is being filed concurrently with Form 2.

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: Erin Bibeau

Title: Regulatory Compliance Rep Date: _____ Email: ebibeau@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
400246180	WELL LOCATION PLAT
400252255	DEVIATED DRILLING PLAN
400252256	EXCEPTION LOC WAIVERS
400252258	EXCEPTION LOC REQUEST
400252260	30 DAY NOTICE LETTER
400252262	30 DAY NOTICE LETTER
400252265	SURFACE AGRMT/SURETY
400252266	DIRECTIONAL DATA

Total Attach: 8 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>
Storm Water/Erosion Control	Stormwater Management Plans (SWMP) will be in place to address construction, drilling and operations associated with Oil and Gas Development throughout the state of Colorado in accordance with Colorado Department of Public Health (CDPHE). BMPS will be constructed around the perimeter of the site prior to or at the beginning of construction. BMPs used will vary according to the location and will remain in place until the pad reaches final reclamation.
General Housekeeping	Cleanup will consist of patrolling the roadways, access areas, and other work areas to pick up trash, scrap debris, other discarded materials, and any containment soil. These materials will be disposed of properly.
Material Handling and Spill Prevention	Spill prevention control and counter measures (SPCC) plans will be in place to address any possible spills associated with Oil and Gas operations throughout the State of Colorado in accordance with 40 CFR 112.
General Housekeeping	Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls.

Total: 4 comment(s)