

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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## 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 ☐

Document Number:

400079851

Plugging Bond Surety

20010124

3. Name of Operator: KERR-MCGEE OIL &amp; GAS ONSHORE LP

4. COGCC Operator Number: 47120

5. Address: P O BOX 173779

City: DENVER State: CO Zip: 80217-3779

6. Contact Name: CHERYL LIGHT Phone: (720)929-6461 Fax: (720)929-7461

Email: CHERYL.LIGHT@ANADARKO.COM

7. Well Name: COOLEY Well Number: 23-16

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

9. Proposed Total Measured Depth: 8289

## WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 16 Twp: 2N Rng: 68W Meridian: 6

Latitude: 40.134117 Longitude: -105.013512

Footage at Surface: 958 FNL/FSL 1157 FEL/FWL  
FSL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4885 13. County: WELD

## 14. GPS Data:

Date of Measurement: 04/20/2010 PDOP Reading: 2.1 Instrument Operator's Name: JERRY F. HARCEK, JR.

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  
1320 FSL 2590 FWL 1320 FSL 2590 FWL  
Sec: 16 Twp: 2N Rng: 68W Sec: 16 Twp: 2N Rng: 68W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 1468 ft

18. Distance to nearest property line: 1001 ft 19. Distance to nearest well permitted/completed in the same formation: 1460 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| J-SAND                 | JSND           |                         | 160                           | W/2SE/4, E/2SW/4                     |
| NIOBRARA-CODELL        | NB-CD          | 407                     | 160                           | W/2SE/4, E/2SW/4                     |

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#: \_\_\_\_\_

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 Bon ☐ \$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 OIL & GAS LEASE

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 45 ft 26. Total Acres in Lease: \_\_\_\_\_ 193

### 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: \_\_\_\_\_

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 |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| SURF        | 12+1/4       | 8+5/8          | 24              | 900           | 630          | 900           |            |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 8,289         | 200          | 8,289         |            |

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

33. Comments NO CONDUCTOR CASING WILL BE USED

34. Location ID: \_\_\_\_\_ 317920

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: \_\_\_\_\_ CHERYL LIGHT

Title: \_\_\_\_\_ SR. REGULATORY ANALYST Date: \_\_\_\_\_ Email: \_\_\_\_\_ DJREGULATORY@ANADARK

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                   | Doc Description                   |
|-------------|------------------------|-----------------------------------|
| 400079852   | WELL LOCATION PLAT     | COOLEY 23-16 PLAT.pdf             |
| 400079856   | TOPO MAP               | COOLEY 23-16 Topo.pdf             |
| 400079858   | OIL & GAS LEASE        | COOLEY OGL.pdf                    |
| 400079859   | SURFACE AGRMT/SURETY   | SUA.pdf                           |
| 400079860   | 30 DAY NOTICE LETTER   | COOLEY NOTICE LETTER.pdf          |
| 400079861   | DEVIATED DRILLING PLAN | COOLEY 23-16 DIRECTIONAL.pdf      |
| 400079862   | PROPOSED SPACING UNIT  | COOLEY 23-16 SPACING UNIT MAP.pdf |
| 400079863   | MULTI-WELL PLAN        | COOLEY 7 PAD 2N68W16.pdf          |

Total Attach: 8 Files