

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:
1691875
Plugging Bond Surety
20010124

3. Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP 4. COGCC Operator Number: 47120

5. Address: P O BOX 173779
City: DENVER State: CO Zip: 80217-3779

6. Contact Name: CHERYLLIGHT Phone: (720)929-6461 Fax: (720)929-7461
Email: CHERYL.LIGHT@ANADARKO.COM

7. Well Name: CANNON FEDERAL Well Number: 12-8A

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

9. Proposed Total Measured Depth: 7956

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 8 Twp: 2N Rng: 66W Meridian: 6
Latitude: 40.150770 Longitude: -104.808330

Footage at Surface: 1974 FNL/FSL FSL 629 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4856 13. County: WELD

14. GPS Data:

Date of Measurement: 05/20/2009 PDOP Reading: 6.0 Instrument Operator's Name: DANIELL CORIELL

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 _____

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: 750

18. Distance to nearest property line: 630 19. Distance to nearest well permitted/completed in the same formation: 1506

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-CODELL | NB-CD | 407-87 | 160 | SW4 |

21. Mineral Ownership: Fee State Federal Indian Lease #: NRM986

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 AND GAS LEASE

25. Distance to Nearest Mineral Lease Line: 630 26. Total Acres in Lease: 1680

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 | 759 | 560 | 759 | 10 |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 7,941 | 230 | 7,941 | 6,941 |
| | | | Stage Tool | 4,973 | 225 | 4,975 | 3,934 |

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

33. Comments _____

34. Location ID: 311446

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: 08/17/2009 Date: 9/18/2009 Email: CHERYL.LIGHT@ANADARKO.

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: 10/19/2009

API NUMBER
05 123 20743 00

Permit Number: _____ Expiration Date: 10/18/2010

CONDITIONS OF APPROVAL, IF ANY: _____

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|----------------------|--------------------|
| 1691875 | APD ORIGINAL | LF@2146536 1691875 |
| 1691877 | 30 DAY NOTICE LETTER | LF@2146537 1691877 |

Total Attach: 2 Files