

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 |
|----|----|----|----|

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:

2590450

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: CHERYL LIGHT Phone: (720)929-6461 Fax: (720)929-7461

Email: DJREGULATORY@ANADARKO.COM

7. Well Name: A&W Well Number: 21-31

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

9. Proposed Total Measured Depth: 8055

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 31 Twp: 4N Rng: 66W Meridian: 6

Latitude: 40.271633 Longitude: -104.815616

Footage at Surface: 1350 FNL/FSL FNL 1310 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4767 13. County: WELD

14. GPS Data:

Date of Measurement: 01/12/2010 PDOP Reading: 3.7 Instrument Operator's Name: RENEE DOIRON

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

Footage at Top of Prod Zone: FNL/FSL 1397 FNL 2569 FEL FEL Bottom Hole: FNL/FSL 1393 FNL 2550 FEL FEL  
Sec: 31 Twp: 4N Rng: 66W Sec: 31 Twp: 4N Rng: 66W

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: 1310 ft

18. Distance to nearest property line: 215 ft 19. Distance to nearest well permitted/completed in the same formation: 725 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           | 232                     | 160                           | GWA                                  |

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 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):  
SEE ATTACHED LEASE.

25. Distance to Nearest Mineral Lease Line: 107 ft 26. Total Acres in Lease: 80

### 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              | 787           | 500          | 787           | 0          |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 8,045         | 220          | 8,045         | 7,646      |
|             |              |                | Stage Tool      | 5,478         | 630          | 5,550         | 850        |

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

33. Comments A FORM 2A IS NOT REQUIRED FOR THIS RECOMPLETION BECAUSE NO PIT WILL BE CONSTRUCTED AND THERE WILL BE NO ADDITIONAL SURFACE DISTURBANCE BEYOND THE ORIGINALLY DISTURBED AREA. Proposed GWA Unit Configuration for JSND: E/2NW, W/2NE ;

34. Location ID: 305202

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: REGULATORY Date: 10/4/2010 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: David S. Neslin Director of COGCC Date: 10/30/2010

#### API NUMBER

05 123 30503 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/29/2012

#### 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      |
|-------------|----------------------|----------------------|
| 2590450     | APD ORIGINAL         | LF @ 2598853 2590450 |
| 2590452     | SURFACE AGRMT/SURETY | LF @ 2598854 2590452 |
| 2590453     | 30 DAY NOTICE LETTER | LF @ 2598855 2590453 |
| 2590454     | OIL & GAS LEASE      | LF @ 2598856 2590454 |

Total Attach: 4 Files

Error: Subreport could not be shown.