

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:

400093012

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: CHERYL.LIGHT@ANADARKO.COM

7. Well Name: MOSER Well Number: 37-4

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

9. Proposed Total Measured Depth: 8306

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 4 Twp: 2N Rng: 65W Meridian: 6

Latitude: 40.166591 Longitude: -104.669219

Footage at Surface: 2213 FNL/FSL FSL 2503 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4859 13. County: WELD

14. GPS Data:

Date of Measurement: 06/21/2010 PDOP Reading: 2.4 Instrument Operator's Name: CHRIS PEARSON

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

Footage at Top of Prod Zone: FNL/FSL 50 FSL 1325 FEL 1325 FEL 1325 FEL 1325 FEL  
Sec: 4 Twp: 2N Rng: 65W Sec: 4 Twp: 2N Rng: 65W

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: 2213 ft

18. Distance to nearest property line: 143 ft 19. Distance to nearest well permitted/completed in the same formation: 751 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	GWA
NIOBRARA-CODELL	NB-CD	407	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 OIL AND GAS LEASE

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 800

### 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	740	520	740	
1ST	7+7/8	4+1/2	11.6	8,306	200	8,306	
1ST LINER							

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

33. Comments NO CONDUCTOR CASING WILL BE USED. Operator requests approval of Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Waiver attached. Proposed spacing unit is 4: S/2SE4; 9: N/2NE4

34. Location ID: 318133

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: SEN. REGULATORY ANALYST Date: 9/28/2010 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: 10/22/2010

#### API NUMBER

05 123 32383 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/21/2012

#### 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.

- 1) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us.
- 2) Set at least 740' of surface casing per Rule 317A, cement to surface.
- 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log.
- 4) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with set back requirements in commission orders or rules prior to producing the well.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
2512689	SURFACE CASING CHECK	LF@2603651 2512689
400093012	FORM 2 SUBMITTED	LF@2570385 400093012
400093014	WELL LOCATION PLAT	LF@2570386 400093014
400093015	TOPO MAP	LF@2570387 400093015
400093017	OIL & GAS LEASE	LF@2570388 400093017
400093019	SURFACE AGRMT/SURETY	LF@2570389 400093019
400093020	30 DAY NOTICE LETTER	LF@2570390 400093020
400093021	DEVIATED DRILLING PLAN	LF@2570391 400093021
400093022	PROPOSED SPACING UNIT	LF@2570392 400093022
400093025	EXCEPTION LOC WAIVERS	LF@2570393 400093025
400093026	EXCEPTION LOC REQUEST	LF@2570394 400093026

Total Attach: 11 Files

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