

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
----	----	----	----

Document Number:

400025702

Plugging Bond Surety

20010124

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 ☐

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: CARMA Well Number: 41-36

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

9. Proposed Total Measured Depth: 7836

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 36 Twp: 3N Rng: 68W Meridian: 6

Latitude: 40.187630 Longitude: -104.946580

Footage at Surface: 842 FNL/FSL FNL 1344 FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4831 13. County: WELD

14. GPS Data:

Date of Measurement: 11/18/2009 PDOP Reading: 2.0 Instrument Operator's Name: Travis Kraich

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

Footage at Top of Prod Zone: FNL/FSL 1325 FNL 50 FEL 50 FEL 1325 FNL 50 FEL 50  
Sec: 36 Twp: 3N Rng: 68W Sec: 36 Twp: 3N Rng: 68W

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: 842 ft

18. Distance to nearest property line: 483 ft 19. Distance to nearest well permitted/completed in the same formation: 957 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	407-87	160	GWA

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 72/2840

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 lease (State of Colorado)

25. Distance to Nearest Mineral Lease Line: 1 ft 26. Total Acres in Lease: 320

### 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	800	560	800	
1ST	7+7/8	4+1/2	11.6	7,836	200	7,836	

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

33. Comments No conductor casing will be used Unit configuration: Niobrara/Codell: E2NE- T3N-R68W-SEC36 W2NW-T3N-R67W-SEC 31 J Sand: E2NE- T3N-R68W-SEC36 W2NW-T3N-R67W-SEC 31

34. Location ID: 336328

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: Senior Regulatory Analyst Date: 1/4/2010 Email: DJRegulatory@anadarko.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: David S. Neslin Director of COGCC Date: 2/4/2010

**API NUMBER**

05 123 31103 00

Permit Number: \_\_\_\_\_ Expiration Date: 2/3/2012

**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 Bo Brown at 970-397-4124 or e-mail at bo.brown@state.co.us. 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Location is outside the drilling window; exception granted

Location is outside the drilling window; exception granted

Location is outside the drilling window; exception granted

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1760325	DEVIATED DRILLING PLAN	LF@2213853 1760325
400025703	MULTI-WELL PLAN	LF@2212364 400025703
400025704	DRILLING PLAN	LF@2212365 400025704
400025705	WELL LOCATION PLAT	LF@2212366 400025705
400025706	PROPOSED SPACING UNIT	LF@2212367 400025706
400025707	TOPO MAP	LF@2212368 400025707
400025708	EXCEPTION LOC WAIVERS	LF@2212369 400025708
400025709	SURFACE AGRMT/SURETY	LF@2212370 400025709
400025710	30 DAY NOTICE LETTER	LF@2212371 400025710
400025711	OIL & GAS LEASE	LF@2212372 400025711
400026322	FORM 2 SUBMITTED	LF@2212373 400026322

Total Attach: 11 Files