

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:  
400039913  
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: MILLER Well Number: 40-30

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

9. Proposed Total Measured Depth: 8379

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 30 Twp: 3N Rng: 66W Meridian: 6  
Latitude: 40.201028 Longitude: -104.812879

Footage at Surface: 703 FNL/FSL FNL 633 FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4920 13. County: WELD

14. GPS Data:

Date of Measurement: 12/15/2009 PDOP Reading: 2.1 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 2630 FNL 200 FEL 2630 FNL 200 FEL  
Sec: 30 Twp: 3N Rng: 66W Sec: 30 Twp: 3N 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: 170 ft

18. Distance to nearest property line: 660 ft 19. Distance to nearest well permitted/completed in the same formation: 796 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
Niobarar-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 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):  
Please see attached lease Unit Configuration: NB-CD & JSND - Sec 30 SE/4NE/4; NE/4SE/4; Sec 29 SW/4NW/4, NW/4SW/4

25. Distance to Nearest Mineral Lease Line: 200 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	550	385	550	
1ST	7+7/8	4+1/2	11.6	8,379	200	8,379	

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

33. Comments No conductor casing will be used. Rig height COA. Location is more than 50 feet from existing well; exception granted. Proposed spacing unit is SENE, NESE Sec 30 and SWNW, NWSW Sec 29

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

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: 2/16/2010 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: 3/26/2010

<b>API NUMBER</b>
05 123 31368 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/24/2012

**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 970-330-6085 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 and from 200' below Sussex to 200' above Sussex. 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 more than 50 feet from existing well; exception granted.

Rig height cannot exceed 113' due to close proximity to overhead power line

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### Attachment Check List

Att Doc Num	Name	Doc Description
1760571	WELL LOCATION PLAT	LF@2436467 1760571
1760621	WELL LOCATION PLAT	LF@2439799 1760621
1770172	SURFACE CASING CHECK	LF@2440203 1770172
400039928	PLAT	MILLER 40-30 PLAT.pdf
400039930	TOPO MAP	LF@2427750 400039930
400039931	MULTI-WELL PLAN	LF@2427751 400039931
400039932	DEVIATED DRILLING PLAN	LF@2427752 400039932
400039933	PROPOSED SPACING UNIT	LF@2427758 400039933
400039935	WAIVERS	LF@2427762 400039935
400039936	30 DAY NOTICE LETTER	LF@2429994 400039936
400039937	OIL & GAS LEASE	LF@2429995 400039937
400039939	SURFACE AGRMT/SURETY	LF@2429996 400039939
400040609	FORM 2 SUBMITTED	LF@2429997 400040609

Total Attach: 13 Files