

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:  
400078429  
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: RIVERBEND Well Number: 32-18

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

9. Proposed Total Measured Depth: 8403

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 18 Twp: 1N Rng: 66W Meridian: 6  
Latitude: 40.046005 Longitude: -104.826550

Footage at Surface: 786 FNL/FSL FSL 880 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4919 13. County: WELD

14. GPS Data:

Date of Measurement: 04/27/2010 PDOP Reading: 1.8 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 \_\_\_\_\_ FEL/FWL \_\_\_\_\_ Bottom Hole: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
2590 FSL 50 FWL 2590 FSL 50 FWL  
Sec: 18 Twp: 1N Rng: 66W Sec: 18 Twp: 1N 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: 786 ft

18. Distance to nearest property line: 47 ft 19. Distance to nearest well permitted/completed in the same formation: 1682 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 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 & GAS LEASE

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 126

### 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	900	630	900	
1ST	7+7/8	4+1/2	11.6	8,403	200	8,403	
1ST LINER							

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

33. Comments CO CONDUCTOR CASING WILL BE USED. NB-CD & JSND: SW/NW; NW/SW 1N 66W S18. SE/NE; NE/SE 1N 67W S13 Kerr-McGee Oil & Gas Onshore LP requests approval of a Rule 603.a.(2) exception location: Wellhead is to be located less than 150' from a property line. Encroached Surface Owner is LaFarge Corporation. The owner at the surface location is the City of Aurora. Both Larfarge Corporation is a party of the SUA and the City of Aurora is a party to the 2nd Amendment of the SUA. The consent for the exception location is provided by article 3.d of the SUA.

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: SR. REGULATORY ANALYST Date: 7/23/2010 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. Nesline Director of COGCC Date: 8/26/2010

Permit Number: \_\_\_\_\_ Expiration Date: 8/25/2012

## API NUMBER

05 123 32084 00

## 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.

- ) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@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.

**Attachment Check List**

Att Doc Num	Name	Doc Description
2621830	SURFACE AGRMT/SURETY	LF@2526733 2621830
400078429	FORM 2 SUBMITTED	LF@2512635 400078429
400078438	WELL LOCATION PLAT	LF@2512636 400078438
400078439	TOPO MAP	LF@2512637 400078439
400078441	OIL & GAS LEASE	LF@2512638 400078441
400078443	SURFACE AGRMT/SURETY	LF@2512639 400078443
400078445	30 DAY NOTICE LETTER	LF@2512640 400078445
400078446	MULTI-WELL PLAN	LF@2512641 400078446
400078447	PROPOSED SPACING UNIT	LF@2512642 400078447
400078453	DEVIATED DRILLING PLAN	LF@2512643 400078453

Total Attach: 10 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Cheryl Light explained the surface arrangements and requested to add the following statement to comments: Kerr-McGee Oil & Gas Onshore LP requests approval of a Rule 603.a.(2) exception location: Wellhead is to be located less than 150' from a property line. Encroached Surface Owner is LaFarge Corporation. The owner at the surface location is the City of Aurora. Both Larfarge Corporation is a party of the SUA and the City of Aurora is a party to the 2nd Amendment of the SUA. The consent for the exception location is provided by article 3.d of the SUA . PVG	8/19/2010 5:24:30 PM

Total: 1 comment(s)

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