

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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Document Number:
400078343
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: RIVERBEND Well Number: 12-18

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 8175

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 18 Twp: 1N Rng: 66W Meridian: 6
Latitude: 40.046170 Longitude: -104.826551

Footage at Surface: 846 ^{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} 1980 FSL 660 FWL ^{FEL/FWL} 1980 FSL 660 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: 846 ft

18. Distance to nearest property line: 47 ft 19. Distance to nearest well permitted/completed in the same formation: 1019 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	320	W/2
NIOBRARA-CODELL	NB-CD	407	80	W/2SW
SUSSEX	SUSX		80	W/2SW

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: 660 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	8,175	200	8,175	
1ST LINER							

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

33. Comments NO CONDUCTOR CASING WILL BE USED. 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 32121 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
2621827	SURFACE AGRMT/SURETY	LF@2526730 2621827
2621834	DEVIATED DRILLING PLAN	LF@2530138 2621834
2621835	EXCEPTION LOC REQUEST	LF@2530141 2621835
400078343	FORM 2 SUBMITTED	LF@2512610 400078343
400078389	WELL LOCATION PLAT	LF@2512611 400078389
400078390	TOPO MAP	LF@2512612 400078390
400078394	OIL & GAS LEASE	LF@2512613 400078394
400078396	SURFACE AGRMT/SURETY	LF@2512614 400078396
400078397	30 DAY NOTICE LETTER	LF@2512615 400078397
400078398	MULTI-WELL PLAN	LF@2512616 400078398

Total Attach: 10 Files

General Comments

User Group	Comment	Comment Date
Permit	Uploaded Directional Survey and Exception Location Request as an attachment. PVG	8/26/2010 9:26:29 AM
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 5:18:24 PM
Permit	ON HOLD. Well is directional, however the application was not submitted with a directional survey. Requested directional survey. PVG	8/19/2010 5:18:24 PM

Total: 3 comment(s)

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