

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:

400078415

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: 22-18

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

9. Proposed Total Measured Depth: 8355

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 18 Twp: 1N Rng: 66W Meridian: 6

Latitude: 40.046087 Longitude: -104.826550

Footage at Surface: 816 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 2590 FSL 1370 FEL/FWL FWL Bottom Hole: FNL/FSL 2590 FSL 1370 FEL/FWL 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: 816 ft

18. Distance to nearest property line: 47 ft 19. Distance to nearest well permitted/completed in the same formation: 907 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	160	S/2NW, N/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 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 & GAS LEASE

25. Distance to Nearest Mineral Lease Line: 56 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	8,355	200	8,355	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. Proposed GWA Unit Configuration for J-Sand: W2 ; Proposed GWA Unit Configuration for NB-CD: S2NW & N2SW ; 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: 335971

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. Neslin Director of COGCC Date: 8/26/2010

API NUMBER

05 123 32120 00

Permit Number: _____ Expiration Date: 8/25/2012

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.

Operator must meet water well testing requirements as per Rule 318A.e.(4) .

) 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
2621829	SURFACE AGRMT/SURETY	LF@2526732 2621829
2621838	DEVIATED DRILLING PLAN	LF@2530149 2621838
2621840	EXCEPTION LOC REQUEST	LF@2530150 2621840
2621843	PROPOSED SPACING UNIT	LF@2530432 2621843
400078415	FORM 2 SUBMITTED	LF@2512627 400078415
400078421	WELL LOCATION PLAT	LF@2512628 400078421
400078422	TOPO MAP	LF@2512629 400078422
400078423	OIL & GAS LEASE	LF@2512630 400078423
400078425	SURFACE AGRMT/SURETY	LF@2512631 400078425
400078426	30 DAY NOTICE LETTER	LF@2512632 400078426
400078427	MULTI-WELL PLAN	LF@2512633 400078427

Total Attach: 11 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Uploaded 20 day certification and proposed spacing unit plat. PVG	8/26/2010 1:16:39 PM
Permit	ON HOLD. Productive interval location is an 318 A.e infill location. 20 day certification and proposed spacing unit plate is required. Requested 8-26-2010 PVG Otherwise ready to pass. PVG	8/26/2010 9:54:56 AM
Permit	Uploaded directional survey and exception locatation request letter as attachments. PVG	8/26/2010 9:45:49 AM
Permit	ON HOLD. Well is directional, however the application was not submitted with a directional survey. Requested directional survey. PVG	8/19/2010 5:21:26 PM
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 5:21:06 PM

Total: 5 comment(s)

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