

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:

400063129

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: WINTER Well Number: 24-19

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

9. Proposed Total Measured Depth: 7462

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 19 Twp: 6N Rng: 64W Meridian: 6

Latitude: 40.466235 Longitude: -104.586988

Footage at Surface: 741 FNL/FSL FSL 914 FEL/FWL FEL

11. Field Name: GREELEY Field Number: 32760

12. Ground Elevation: 4705 13. County: WELD

14. GPS Data:

Date of Measurement: 03/18/2010 PDOP Reading: 2.3 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 2560 FSL 1200 FEL 1200 FEL 2560 FSL 1200 FEL 1200
Sec: 19 Twp: 6N Rng: 64W Sec: 19 Twp: 6N Rng: 64W

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: 671 ft

18. Distance to nearest property line: 230 ft 19. Distance to nearest well permitted/completed in the same formation: 884 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.)
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 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: _____ 83 ft 26. Total Acres in Lease: _____ 160

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	650	455	650	0
1ST	7+7/8	4+1/2	11.6	7,462	200	7,462	6,250
1ST LINER							
			Stage Tool	4,650	320	4,650	3,220

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

33. Comments NO CONDUCTOR CASING WILL BE USED. PROPOSED GWA SPACING UNIT: S2NE4, N2SE4 Kerr-McGee Oil & Gas Onshore LP requests approval of Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window.

34. Location ID: _____ 326733

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: 5/20/2010 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: 6/18/2010

API NUMBER

05 123 31766 00

Permit Number: _____ Expiration Date: 6/17/2012

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.

COGCC ENG COA - SME

- 1) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara, 200' below to 200' above Sussex and from 200' below to 200' above Parkman. Verify coverage with cement bond log. Restore surface location.

Attachment Check List

Att Doc Num	Name	Doc Description
400063129	FORM 2 SUBMITTED	LF@2480289 400063129
400063139	WELL LOCATION PLAT	LF@2480509 400063139
400063143	TOPO MAP	LF@2480511 400063143
400063147	SURFACE AGRMT/SURETY	LF@2480296 400063147
400063149	30 DAY NOTICE LETTER	LF@2480297 400063149
400063152	DEVIATED DRILLING PLAN	LF@2480299 400063152
400063154	PROPOSED SPACING UNIT	LF@2480301 400063154
400063158	MULTI-WELL PLAN	LF@2480303 400063158
400063637	OIL & GAS LEASE	LF@2480304 400063637
400063639	EXCEPTION LOC REQUEST	LF@2480305 400063639
400063641	EXCEPTION LOC WAIVERS	LF@2480307 400063641

Total Attach: 11 Files