

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 ☐

Refilling ☐
Sidetrack ☐

Document Number:

400015912

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: NORTHGLENN STATE Well Number: 41-36

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

9. Proposed Total Measured Depth: 8208

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 36 Twp: 1N Rng: 68W Meridian: 6

Latitude: 40.011680 Longitude: -104.947820

Footage at Surface: 1169 FNL/FSL FNL 1473 FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 5103 13. County: WELD

14. GPS Data:

Date of Measurement: 09/24/2009 PDOP Reading: 2.8 Instrument Operator's Name: Chris Pearson

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1330 FNL 50 FEL 50 FEL 50 FEL 50
Bottom Hole: FNL/FSL 1330 FNL 50 FEL 50 FEL 50
Sec: 36 Twp: 1N Rng: 68W Sec: 36 Twp: 1N Rng: 68W

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: 740 ft

18. Distance to nearest property line: 1169 ft 19. Distance to nearest well permitted/completed in the same formation: 1486 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	407-87	160	GWA

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 70/8571-S

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):
T1N-R68W, 6TH P.M., SEC. 36: ALL

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 640

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	1,000	700	1,000	0
1ST	7+7/8	4+1/2	11.6	8,208	200	8,208	

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

33. Comments No conductor casing will be used. Spacing unit is the e/2ne4 sec 36, 1N/68W and the w/2nw4 sec 31 1N/67W

34. Location ID: 331959

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: 11/19/2009 Email: cheryl.light@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: 12/30/2009

API NUMBER

05 123 30984 00

Permit Number: _____ Expiration Date: 12/29/2011

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 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
1769694	SURFACE CASING CHECK	LF@2191790 1769694.00000
400016878	MULTI-WELL PLAN	LF@2395265 400016878
400016879	DEVIATED DRILLING PLAN	LF@2395266 400016879
400016880	WELL LOCATION PLAT	LF@2395267 400016880
400016882	PROPOSED SPACING UNIT	LF@2190267 400016882
400016883	TOPO MAP	LF@2395268 400016883
400016884	30 DAY NOTICE LETTER	LF@2395269 400016884
400016885	SURFACE AGRMT/SURETY	LF@2395270 400016885
400016886	FORM 2 SUBMITTED	LF@2395271 400016886

Total Attach: 9 Files