

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:
400050890
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: RURAL Well Number: 33-31

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

9. Proposed Total Measured Depth: 7798

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 31 Twp: 4N Rng: 65W Meridian: 6
Latitude: 40.268620 Longitude: -104.710930

Footage at Surface: 2535 ^{FNL/FSL} FSL 1300 ^{FEL/FWL} FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4878 13. County: WELD

14. GPS Data:

Date of Measurement: 06/25/2009 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} 1290 FSL 50 FWL ^{FEL/FWL} 1290 FSL 50 FWL
 Sec: 31 Twp: 4N Rng: 65W Sec: 31 Twp: 4N Rng: 65W

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: 2550 ft

18. Distance to nearest property line: 1300 ft 19. Distance to nearest well permitted/completed in the same formation: 961 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 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: 5794

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	600	420	600	
1ST	7+7/8	4+1/2	11.6	7,798	200	7,798	
1ST LINER							

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

33. Comments NO CONDUCTOR CASING WILL BE USED. PROPOSED SPACING UNIT IS W/2SW4 SEC 31 4N/65W, E/2SE4 SEC 25 4N/66W Exception location request is combined with waiver in attachments labeled Exception Loc Waiver. CNg 4-16-2010

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: 4/5/2010 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: 5/12/2010

API NUMBER
05 123 31592 00

Permit Number: _____ Expiration Date: 5/11/2012

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.

- 1) Provide 24 hour notice of MIRU to Bo Brown at 970-330-6085 or e-mail at bobrown@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
1760944	EXCEPTION LOC REQUEST	LF@2474605 1760944
1760946	PROPOSED SPACING UNIT	LF@2474647 1760946
2553503	SURFACE CASING CHECK	LF@2472183 2553503
400050894	WELL LOCATION PLAT	LF@2452237 400050894
400050895	PROPOSED SPACING UNIT	LF@2452238 400050895
400050896	TOPO MAP	LF@2452239 400050896
400050899	SURFACE AGRMT/SURETY	LF@2452240 400050899
400050900	30 DAY NOTICE LETTER	LF@2452241 400050900
400050901	DEVIATED DRILLING PLAN	LF@2452242 400050901
400050902	EXCEPTION LOC WAIVERS	LF@2452243 400050902
400050903	MULTI-WELL PLAN	LF@2452244 400050903
400052318	OIL & GAS LEASE	LF@2452245 400052318
400053533	FORM 2 SUBMITTED	LF@2452246 400053533

Total Attach: 13 Files