



Document Number:
1759149
 Date Received:
09/10/2009
 PluggingBond SuretyID
20010124

APPLICATION FOR PERMIT TO:

1. Drill, Deepen, Re-enter, **Recomplete and Operate**

2. TYPE OF WELL
 OIL GAS COALBED OTHER _____
 SINGLE ZONE MULTIPLE COMMINGLE

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: HSR SELLS Well Number: 13-31
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 8074

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 31 Twp: 4N Rng: 65W Meridian: 6
 Latitude: 40.264370 Longitude: -104.711720
 Footage at Surface: 990 feet FNL/FSL 1090 feet FEL/FWL FWL
 11. Field Name: WATTENBERG Field Number: 90750
 12. Ground Elevation: 4892 13. County: WELD

14. GPS Data:
 Date of Measurement: 12/06/2006 PDOP Reading: 3.6 Instrument Operator's Name: CHRIS FISHER

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____
 Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 95 ft
 18. Distance to nearest property line: 990 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 552 ft

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.)
NIOBRAR-CODELL	NB-CD	407	160	SW4

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 LEASE COPY ATTACHED.

25. Distance to Nearest Mineral Lease Line: 990 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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? Yes No

31. Mud disposal: Offsite Onsite **If 28, 29, or 30 are "Yes" a pit permit may be required.**

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24		623	450	623	12
1ST	7+7/8	4+1/2	11.6		8063	345	8063	6380
S.C. 1.1	7+7/8	4+1/2	11.6		0	325	5550	4046
			Stage Tool		6850	325	6850	6380

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

33. Comments WELL IS 95 FEET FROM PIPELINE.

34. Location ID: 329606

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: REGULATORY ANALYST Date: 9/15/2009 Email: CHERYL.LIGHT@ANADARKO.

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 10/18/2009

API NUMBER **05 123 17591 00** Permit Number: _____ Expiration Date: 10/17/2011

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.

Description

NONE

Note changes to casing/cement on APD per new wellbore diagram received 10/16/09.

Attachment Check List

Att Doc Num	Name
1759149	APD APPROVED
1759151	30 DAY NOTICE LETTER
1759153	SURFACE AGRMT/SURETY
1759154	OIL & GAS LEASE
400010452	APD ORIGINAL

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

Best Management Practices

No	BMP/COA Type	Description