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Document Number:
 2588449
 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-CANNON Well Number: 11-3A
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 8187

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 3 Twp: 2N Rng: 66W Meridian: 6
 Latitude: 40.165788 Longitude: -104.765987
 Footage at Surface: 2160 feet FSL 1863 feet FWL
 11. Field Name: WATTENBERG Field Number: 90750
 12. Ground Elevation: 4963 13. County: WELD

14. GPS Data:
 Date of Measurement: 01/19/2007 PDOP Reading: 3.4 Instrument Operator's Name: STEVE 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: 3063 ft
 18. Distance to nearest property line: 1863 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1004 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.)
DAKOTA	DKTA	499-15	320	S/2

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 AND GAS LEASE DATED OCTOBER 16, 1970

25. Distance to Nearest Mineral Lease Line: 800 ft 26. Total Acres in Lease: 5725

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	0	732	515	732	0
1ST	7+7/8	4+1/2	11.6	0	8,185	300	8,185	6,867

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

33. Comments A FORM 2A IS NOT REQUIRED FOR THIS RECOMPLETION BECAUSE NO PIT WILL BE CONSTRUCTED AND THERE WILL BE NO ADDITIONAL SURFACE DISTURBANCE BEYOND THE ORIGINALLY DISTURBED AREA. RECOMPLETE FORM 4 DOC #2588447

34. Location ID: 336103

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 Date: 9/7/2011 Email: CHERYL.LIGHT@ANADARKO.

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. Nesline Director of COGCC Date: 10/5/2011

API NUMBER

05 123 19912 00

Permit Number: _____ Expiration Date: 10/4/2013

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) Because the Sussex formation is being produced within a one mile radius, place remedial cement to comply with Rule 317.i, set stage cement from 200' below Sussex to 200' above Sussex. Increase the proposed cement volume accordingly to provide this required coverage.
- 2) Provide 24 hour notice of MIRU to Jim Precup via e-mail at jim.precup@state.co.us.
- 3) Within 30 days after recomplete, submit a Form 5 with a full depth CBL to document the remedial and existing cement in accordance with Rule 308A (change of wellbore configuration) and a Form 5A to document new status of both formations in accordance with Rule 308B.

Attachment Check List

Att Doc Num	Name
2481185	SURFACE CASING CHECK
2588449	APD ORIGINAL
2588450	OIL & GAS LEASE
2588451	SURFACE AGRMT/SURETY
2588452	30 DAY NOTICE LETTER

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Ready to pass 9/30/11	9/15/2011 3:29:30 PM

Total: 1 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)