

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:
1759149
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: CHERYLLIGHT 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 FNL/FSL FSL 1090 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

18. Distance to nearest property line: 990 19. Distance to nearest well permitted/completed in the same formation: 552

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.)
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 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 LEASE COPY ATTACHED.

25. Distance to Nearest Mineral Lease Line: 990 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	623	450	623	12
1ST	7+7/8	4+1/2	11.6	8,063	345	8,063	6,380
S.C. 1.1	7+7/8	4+1/2	11.6	0	325	5,550	4,046
			Stage Tool	6,850	325	6,850	6,380

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.

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: 10/17/2010

CONDITIONS OF APPROVAL, IF ANY: _____

Condition of Approval

Comment

Agency

NONE

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

Attachment Check List

Att Doc Num	Name	Doc Description
1759149	APD ORIGINAL	LF@2143052 1759149
1759151	30 DAY NOTICE LETTER	LF@2143055 1759151
1759153	SURFACE AGRMT/SURETY	LF@2143054 1759153
1759154	OIL & GAS LEASE	LF@2143053 1759154

Total Attach: 4 Files