

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



DE ET OE ES

Document Number:
400166658
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: REBECCA HEIM Phone: (720)929-6361 Fax: (720)929-7361
Email: rebecca.heim@anadarko.com

7. Well Name: ROWE Well Number: 13N-27HZ

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

9. Proposed Total Measured Depth: 13668

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 27 Twp: 1N Rng: 65W Meridian: 6

Latitude: 40.029095 Longitude: -104.641779

Footage at Surface: 200 feet FNL 286 feet FEL
FNL/FSL FEL/FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5089 13. County: WELD

14. GPS Data:

Date of Measurement: 04/28/2011 PDOP Reading: 2.1 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 FEL/FWL Bottom Hole: FNL/FSL FEL/FWL
590 FNL 550 FEL 460 FSL 460 FWL
Sec: 27 Twp: 1N Rng: 65W Sec: 27 Twp: 1N 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: 267 ft

18. Distance to nearest property line: 200 ft 19. Distance to nearest well permitted/completed in the same formation: 5280 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	NBRR		640	ALL Sec 27

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):
PLEASE SEE ATTACHED OGL.

25. Distance to Nearest Mineral Lease Line: 200 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 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	9+5/8	36	0	1,300	420	1,300	0
1ST	8+3/4	7	26	0	7,644	680	7,644	
2ND	6+1/8	4+1/2	11.6	0	13,668		13,668	6,386

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

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: REBECCA HEIM

Title: REGULATORY ANALYST II Date: 5/20/2011 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. Nashin Director of COGCC Date: 6/30/2011

API NUMBER 05 123 33826 00	Permit Number: _____ Expiration Date: <u>6/29/2013</u>
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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.

Operator attached letter requesting 318A exception location. Waiver from surface owner is also attached.

- 1) Provide 48 hour notice of MIRU to Jim Precup at 303-726-3822 or e-mail at jim.precup@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from the end of the production casing to a minimum of 200' above the Niobrara. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from the end of production casing 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
1771042	SURFACE CASING CHECK
2530678	PROPOSED SPACING UNIT
400166658	FORM 2 SUBMITTED
400166659	30 DAY NOTICE LETTER
400166660	DEVIATED DRILLING PLAN
400166661	PLAT
400166662	SURFACE AGRMT/SURETY
400166663	TOPO MAP
400166664	WAIVERS
400166665	EXCEPTION LOC REQUEST

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Recieved spacing unit attachments and lease description	5/25/2011 12:05:57 PM
Permit	On hold Need proposed spacing unit attachments.	5/24/2011 8:22:42 AM
Permit	On hold Need lease description.	5/24/2011 8:22:11 AM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)