

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:
400174370
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: GOBBLER Well Number: 1N-23HZ

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

9. Proposed Total Measured Depth: 11852

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 23 Twp: 2N Rng: 66W Meridian: 6
Latitude: 40.117150 Longitude: -104.738906

Footage at Surface: 240 feet FSL 1100 feet FEL
FNL/FSL FEL/FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5085 13. County: WELD

14. GPS Data:

Date of Measurement: 05/20/2011 PDOP Reading: 2.3 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 _____
626 FSL 600 FEL 460 FNL 600 FEL
Sec: 23 Twp: 2N Rng: 66W Sec: 23 Twp: 2N Rng: 66W

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: 205 ft

18. Distance to nearest property line: 205 ft 19. Distance to nearest well permitted/completed in the same formation: 1121 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		160	E/2E/2

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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#: 20010125
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.
25. Distance to Nearest Mineral Lease Line: 460 ft 26. Total Acres in Lease: 160

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	1,050	340	1,050	
1ST	8+3/4	7+0/0	26	0	7,645	700	7,645	
1ST LINER	6+1/8	4+1/2	11.6	6627	11,852			

32. BOP Equipment Type: Annular Preventer Double Ram Rotating Head None
33. Comments No conductor casing will be used. Operator requests approval of a Rule 318Aa, Rule 318Ae, and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window, the well will be drilled to a 318Ae infill location from outside of a GWA drilling window, and the wellhead will be located more than 50' from an existing well location.

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: 6/14/2011 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. Nesline Director of COGCC Date: 7/23/2011

Permit Number: _____ Expiration Date: 7/22/2013

API NUMBER

05 123 34027 00

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 Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from end of 7" production casing 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
400174370	FORM 2 SUBMITTED
400174373	DEVIATED DRILLING PLAN
400174374	PLAT
400174375	PROPOSED SPACING UNIT
400174376	TOPO MAP
400174377	WAIVERS
400174378	EXCEPTION LOC REQUEST
400174379	30 DAY NOTICE LETTER
400174380	OIL & GAS LEASE
400174381	OIL & GAS LEASE

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received and attached BMP.	7/22/2011 2:23:32 PM
Permit	ON HOLD: w/o BMP's. ready to pass.	7/1/2011 12:49:20 PM
Permit	Wellhead is to be located outside of a GWA drilling window, the well will be drilled to a 318Ae infill location from a surface location outside of a GWA drilling window, and the wellhead will be located more than 50' from an existing well location. EXCEPTION GRANTED.	7/1/2011 12:49:12 PM
Permit	Operator requests approval of a Rule 318Aa, Rule 318Ae, and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window, the well will be drilled to a 318Ae infill location from outside of a GWA drilling window, and the wellhead will be located more than 50' from an existing well location.	7/1/2011 12:48:57 PM
Permit	e-mailed operator that I changed line 22 on surface and minerals tab to NO. they had no entry.	6/15/2011 9:50:42 AM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Drilling/Completion Operations	During the fracing of this Gobbler horizontal well, Kerr-McGee will shut in the UPRR 38 Pan Am M True 1 well and monitor the casing pressure of this well for a period of 24-hours and report this casing pressure to the COGCC staff via a sundry. Additionally, Kerr-McGee will notify Noble Energy in advance of the estimated completion date of this horizontal well and encourage them to shut in the five Arrowhead Farm wells located within 1000' and monitor the casing and tubing pressure during completion. However, if Kerr-McGee decides to use this UPRR 38 Pam Am M True 1 well for microseismic monitoring then the casing pressure will be reported as a monthly average before and a monthly average after the frac and be noted that it is reported as a monthly average in the submitted sundry.

Total: 1 comment(s)