

**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

Document Number:  
400179643

PluggingBond SuretyID  
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: Rebecca Heim      Phone: (720)929-6361      Fax: (720)929-7361  
Email: rebecca.heim@anadarko.com

7. Well Name: OVERLOOK      Well Number: 28-30

8. Unit Name (if appl): \_\_\_\_\_      Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 8512

**WELL LOCATION INFORMATION**

10. QtrQtr: NENE      Sec: 30      Twp: 2N      Rng: 67W      Meridian: 6  
Latitude: 40.114882      Longitude: -104.926148

Footage at Surface:      664      feet      FNL      662      feet      FEL

11. Field Name: WATTENBERG      Field Number: 90750

12. Ground Elevation: 5010      13. County: WELD

14. GPS Data:  
Date of Measurement: 06/14/2011      PDOP Reading: 2.3      Instrument Operator's Name: BEN MILIUS

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

70      FNL      2580      FEL      70      FNL      2580      FEL

Sec: 30      Twp: 2N      Rng: 67W      Sec: 30      Twp: 2N      Rng: 67W

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: 664 ft

18. Distance to nearest property line: 664 ft      19. Distance to nearest well permitted/completed in the same formation: 2057 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.)
J SAND	JSND		160	GWA
NIOBRARA CODELL	NB-CD	407	160	GWA

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 Oil and Gas Lease

25. Distance to Nearest Mineral Lease Line: 60 ft 26. Total Acres in Lease: 155

### 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	0	850	595	850	0
1ST	7+7/8	4+1/2	11.6	0	8,512	200	8,512	

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

33. Comments No conductor casing will be used. Unit Configuration NB-CD & JSND Sec 19:SE/4SW/4;SW/4SE/4; Sec 30:NW/4NE/4;NE/4NW/4

34. Location ID: 311278

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: 7/22/2011 Email: DJRegulatory@anadarko.com

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: 8/16/2011

<b>API NUMBER</b>
05 123 34158 00

Permit Number: \_\_\_\_\_ Expiration Date: 8/15/2013

**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) 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 TD to a minimum of 200' above Niobrara and from 200' below Shannon 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
400179643	FORM 2 SUBMITTED
400179703	PLAT
400179704	TOPO MAP
400179705	30 DAY NOTICE LETTER
400179707	SURFACE AGRMT/SURETY
400179709	LEGAL/LEASE DESCRIPTION
400179710	PROPOSED SPACING UNIT
400186164	DEVIATED DRILLING PLAN

Total Attach: 8 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Changed to location ID# 311278 to match form 2A.	3/3/2011 4:04:18 PM

Total: 1 comment(s)

### BMP

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

Total: 0 comment(s)