

<b>FORM</b> <b>2</b> Rev 12/05	State of Colorado <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table>	DE	ET	OE	ES
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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:  
 400162222

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

7. Well Name: WETHINGTON      Well Number: 8-7

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

9. Proposed Total Measured Depth: 8444

**WELL LOCATION INFORMATION**

10. QtrQtr: SENW    Sec: 7    Twp: 1N    Rng: 66W    Meridian: 6  
 Latitude: 40.068788      Longitude: -104.820455

Footage at Surface:      1486    feet      FNL      2630    feet      FWL

11. Field Name: WATTENBERG      Field Number: 90750

12. Ground Elevation: 4902      13. County: WELD

14. GPS Data:  
 Date of Measurement: 05/14/2010    PDOP Reading: 3.2    Instrument Operator's Name: TRAVIS KRAICH

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

1980    FNL    660    FEL      1980    FNL    660    FEL

Sec: 7    Twp: 1N    Rng: 66W      Sec: 7    Twp: 1N    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: 377 ft

18. Distance to nearest property line: 150 ft    19. Distance to nearest well permitted/completed in the same formation: 1043 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	232	320	N/2
NIOBRARA-CODELL	NB-CD	407	160	NE/4
SUSSEX	SUSX	250	160	NE/4

**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#: \_\_\_\_\_  
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: 300 ft 26. Total Acres in Lease: 40

**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	865	600	865	0
1ST	7+7/8	4+1/2	11.6	0	8,444	200	8,444	

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: 5/12/2011 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. Neslin Director of COGCC Date: 6/10/2011

API NUMBER: **05 123 33624 00** Permit Number: \_\_\_\_\_ Expiration Date: 6/9/2013

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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 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
400162222	FORM 2 SUBMITTED
400162227	OIL & GAS LEASE
400162229	WELL LOCATION PLAT
400162230	TOPO MAP
400162231	EXCEPTION LOC REQUEST
400162233	30 DAY NOTICE LETTER
400162234	WAIVERS
400162235	SURFACE AGRMT/SURETY
400163736	DEVIATED DRILLING PLAN

Total Attach: 9 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Changed attachment label from Plat to Well Location Plat	5/13/2011 12:53:23 PM

Total: 1 comment(s)

**BMP**

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

Total: 0 comment(s)