


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <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
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>			Document Number: 400125553  Plugging Bond Surety 20010124				
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>KERR-MCGEE OIL &amp; GAS ONSHORE LP</u> 4. COGCC Operator Number: <u>47120</u>							
5. Address: <u>P O BOX 173779</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-3779</u>							
6. Contact Name: <u>CHERYL LIGHT</u> Phone: <u>(720)929-6461</u> Fax: <u>(720)929-7461</u> Email: <u>CHERYL.LIGHT@ANADARKO.COM</u>							
7. Well Name: <u>FRICO</u> Well Number: <u>1-15HZ</u>							
8. Unit Name (if appl): _____    Unit Number: _____							
9. Proposed Total Measured Depth: <u>12625</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>SWSW</u> Sec: <u>15</u> Twp: <u>3N</u> Rng: <u>65W</u> Meridian: <u>6</u> Latitude: <u>40.220126</u> Longitude: <u>-104.657016</u>							
Footage at Surface: <u>714</u> feet    FNL/FSL <u>656</u> feet    FEL/FWL <u>FWL</u>							
11. Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u>							
12. Ground Elevation: <u>4795</u> 13. County: <u>WELD</u>							
14. GPS Data: Date of Measurement: <u>10/27/2010</u> PDOP Reading: <u>1.9</u> Instrument Operator's Name: <u>BEN MILIUS</u>							
15. If well is <input type="checkbox"/> Directional <input checked="" type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone: FNL/FSL <u>546</u> FSL <u>1372</u> FEL/FWL <u>FWL</u> Bottom Hole: FNL/FSL <u>800</u> FNL <u>460</u> FEL <u>FEL</u> Sec: <u>15</u> Twp: <u>3N</u> Rng: <u>65W</u> Sec: <u>15</u> Twp: <u>3N</u> Rng: <u>65W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>792 ft</u>							
18. Distance to nearest property line: <u>314 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>956 ft</u>							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)			
NIORARA	NBRR	407-393	640	ALL			

**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 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 ATTACHED LEASES

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

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	900	180	900	0
1ST	8+3/4	7+0/0	26	0	7,348	730	7,348	0
2ND	6+1/8	4+1/2	11.6	6072	12,625			

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

34. Location ID: 331384

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: SENIOR REGULATORY ANALYST Date: 1/20/2011 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. Neslin Director of COGCC Date: 4/17/2011

**API NUMBER**

05 123 33338 00

Permit Number: \_\_\_\_\_ Expiration Date: 4/16/2013

**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 Bo Brown at 970-330-6085 or e-mail at bobrown@state.co.us.
- 2) Comply with Rule 317.i and h 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
2111098	SURFACE CASING CHECK
2530256	WELL LOCATION PLAT
2530257	DEVIATED DRILLING PLAN
400125553	FORM 2 SUBMITTED
400125554	PLAT
400125555	TOPO MAP
400125556	OIL & GAS LEASE
400125557	SURFACE AGRMT/SURETY
400125558	30 DAY NOTICE LETTER
400125559	DEVIATED DRILLING PLAN

Total Attach: 10 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	This matter has been moved to the April hearing (Docket No. 1104-SP-20).	2/15/2011 2:13:20 PM
Permit	Anadarko believes that they have applied for a hearing in April to address the issue of well count?	2/11/2011 12:47:31 PM
Permit	On hold This lateral may make the nineth well and exceed the well count.	1/20/2011 4:57:18 PM

Total: 3 comment(s)

### **BMP**

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

Total: 0 comment(s)