


<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: 400124501  Plugging Bond Surety 20030009				
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 type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>NOBLE ENERGY INC</u>		4. COGCC Operator Number: <u>100322</u>					
5. Address: <u>1625 BROADWAY STE 2200</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>							
6. Contact Name: <u>MARI CLARK</u> Phone: <u>(303)228-4413</u> Fax: <u>(303)228-4286</u> Email: <u>mclark@nobleenergyinc.com</u>							
7. Well Name: <u>SATER CC</u>		Well Number: <u>19-30D</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>7054</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>SWSE</u> Sec: <u>13</u> Twp: <u>4N</u> Rng: <u>64W</u> Meridian: <u>6</u> Latitude: <u>40.305560</u> Longitude: <u>-104.494420</u>							
Footage at Surface: <u>217</u> feet    FNL/FSL <u>FSL</u> 1320 feet    FEL/FWL <u>FEL</u>							
11. Field Name: <u>WATTENBERG</u>		Field Number: <u>90750</u>					
12. Ground Elevation: <u>4662</u>		13. County: <u>WELD</u>					
14. GPS Data: Date of Measurement: <u>09/10/2010</u> PDOP Reading: <u>3.3</u> Instrument Operator's Name: <u>DAVID C HOLMES</u>							
15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone:    FNL/FSL    FEL/FWL    Bottom Hole:    FNL/FSL    FEL/FWL <u>75</u> <u>FSL</u> <u>75</u> <u>FEL</u> <u>75</u> <u>FSL</u> <u>75</u> <u>FEL</u> Sec: <u>13</u> Twp: <u>4N</u> Rng: <u>64W</u> Sec: <u>13</u> Twp: <u>4N</u> Rng: <u>64W</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>2780</u> ft							
18. Distance to nearest property line: <u>217</u> 19. Distance to nearest well permitted/completed in the same formation: <u>700</u> ft							
<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.)			
CODELL	CODL	407-87	160	GWA			
NIOBRARA	NBRR	407-87	160	GWA			

**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#: 20030012

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):  
T4N-R64W SECTION 13: SESE

25. Distance to Nearest Mineral Lease Line: 217 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

Method: ☒ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: \_\_\_\_\_

If 28, 29, or 30 are "Yes" a pit permit may be required.

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	620	196	620	0
1ST	7+7/8	4+1/2	11.6	0	7,054	760	7,054	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. 1ST STRING TOP OF CEMENT = 200' ABOVE NIOBRARA. UNIT CONFIGURATION =T4N-R63W SECTION 18: SWSW, SECTION 19: NWNW AND T4N-64W SECTION 13: SESE, SECTION 24: NENE. WELL IS TO BE TWINNED WITH EXISTING SATER C24-27. AS DRILLED SUNDRY SUBMITTED.

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: MARI CLARK

Title: REG. ANALYST II Date: 4/15/2011 Email: mclark@nobleenergyinc.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. Neslin Director of COGCC Date: 5/10/2011

**API NUMBER**

05 123 33509 00

Permit Number: \_\_\_\_\_ Expiration Date: 5/9/2013

**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)Note surface casing setting depth change from 600' to 620'. Increase the cement coverage accordingly and cement to surface.
- 2)Provide 24 hour notice of MIRU to Bo Brown at 970-397-4124 or e-mail at bo.brown@state.co.us.
- 3)Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4)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
1530594	EXCEPTION LOC REQUEST
1770993	SURFACE CASING CHECK
2530593	EXCEPTION LOC WAIVERS
400124501	FORM 2 SUBMITTED
400153929	30 DAY NOTICE LETTER
400153930	DEVIATED DRILLING PLAN
400153934	WELL LOCATION PLAT
400153935	PROPOSED SPACING UNIT
400153987	SURFACE AGRMT/SURETY

Total Attach: 9 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received request and waiver.	5/5/2011 12:48:10 PM
Permit	SUA makes reference to specific wells but not this one. On hold waiting for an outside the window waiver.	4/18/2011 6:36:04 AM

Total: 2 comment(s)

**BMP**

<u>Type</u>	<u>Comment</u>
Storm Water/Erosion Control	Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with Oil & Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE) General Permit No. COR-039527. BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location, and will remain in place until the pad reaches final reclamation.
Material Handling and Spill Prevention	Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with Oil & Gas operations throughout the state of Colorado in accordance with CFR 112.
General Housekeeping	Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup of trash and discarded materials will be conducted at the end of each work day. Cleanup will consist of patrolling the roadway, access areas, and other work areas to pickup trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.

Total: 3 comment(s)