



**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):  
SEE ATTACHED LEASE DESCRIPTION  
25. Distance to Nearest Mineral Lease Line: 1320 ft 26. Total Acres in Lease: 5635

**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: CLOSED LOOP  
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	650	212	650	0
1ST	7+7/8	4+1/2	11.6	0	7,200	650	7,200	

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. THE PROPOSED SPACING UNIT IS S/2NW, N/2SW. Noble requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Waiver attached.

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: JAN KAJIWARA  
Title: REGULATORY ANALYST Date: 2/14/2011 Email: jkajiwara@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: 3/11/2011

**API NUMBER**  
05 123 33128 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/10/2013

**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.

Operator must meet water well testing requirements as per amended rule 318A.

- 1) Provide 24 hour notice of MIRU to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us.
- 2) Set surface casing per Rule 317d, with cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC.
- 3) If completed, 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.
- 4) If dry hole, 40 sks cement 50' above Dakota top, set 60 sks cement from 50' below D Sand base to 100' above D Sand top, 40 sks cement 50' above Niobrara top, 40 sks cement 50' above Sussex top, 50 sks cement ½ out, ½ in surface casing, 10 sks cement top of surface casing, cut 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole. Restore surface location.

### Attachment Check List

Att Doc Num	Name
1726393	SURFACE CASING CHECK
2530217	LEGAL/LEASE DESCRIPTION
400126979	FORM 2 SUBMITTED
400127153	30 DAY NOTICE LETTER
400127154	WELL LOCATION PLAT
400133073	EXCEPTION LOC REQUEST
400133076	EXCEPTION LOC WAIVERS
400133077	PROPOSED SPACING UNIT

Total Attach: 8 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	ON HOLD Waiting for a better lease description.	2/16/2011 8:00:52 AM
Permit	Opr corrected and resubmitted. sf	2/15/2011 1:32:07 PM
Permit	Back to draft for surface and mineral information. sf	2/15/2011 10:39:03 AM

Total: 3 comment(s)

### BMP

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

Total: 0 comment(s)