



Document Number:

400126152

Plugging Bond Surety

20030009

**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 ☐

3. Name of Operator: NOBLE ENERGY INC 4. COGCC Operator Number: 100322  
5. Address: 1625 BROADWAY STE 2200  
City: DENVER State: CO Zip: 80202  
6. Contact Name: SUSAN MILLER Phone: (303)228-4246 Fax: (303)228-4286  
Email: smiller@nobleenergyinc.com  
7. Well Name: TANIA Well Number: D11-27D  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 7203

**WELL LOCATION INFORMATION**

10. QtrQtr: SWSE Sec: 2 Twp: 3N Rng: 64W Meridian: 6  
Latitude: 40.247630 Longitude: -104.517970

Footage at Surface: 175 feet FNL/FSL FSL 2520 feet FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750  
12. Ground Elevation: 4708 13. County: WELD

**14. GPS Data:**

Date of Measurement: 11/18/2010 PDOP Reading: 2.2 Instrument Operator's Name: David C. Holmes

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 85 FSL 1350 FEL FEL Bottom Hole: FNL/FSL 85 FSL 1350 FEL FEL  
Sec: 2 Twp: 3N Rng: 64W Sec: 2 Twp: 3N Rng: 64W

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: 598 ft

18. Distance to nearest property line: 175 ft 19. Distance to nearest well permitted/completed in the same formation: 764 ft

**20. 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.)
Codell	CODL	407-87	160	GWA
Niobrara	NBRR	407-87	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 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):  
Please see attached lease description. Unit Configuration: S/2SE/4 Section 2, N/2NE/4 Section 11.

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 85 ft 26. Total Acres in Lease: \_\_\_\_\_ 5055

### 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	7,203	770	7,203	

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

33. Comments Conductor casing will not be used. First string top of cement will be 200' above the Niobrara formation. This is part of a 3-well multi-well pad which includes: proposed Guttersen D02-75HN, Tania D11-27D, Tania D11-28. Form 2A filed under Guttersen D02-75HN, doc. no. 400126132.

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: SUSAN MILLER

Title: Regulatory Analyst II Date: 3/17/2011 Email: smiller@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. Nesline Director of COGCC Date: 4/12/2011

#### API NUMBER

05 123 33327 00

Permit Number: \_\_\_\_\_ Expiration Date: 4/11/2013

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 hr notice of spud and if DA to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us.
- 2) Set surface casing per Rule 317d, 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 to 200' above Sussex. 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. Restore surface location.

### **Attachment Check List**

Att Doc Num	Name
1726425	SURFACE CASING CHECK
2537282	PROPOSED SPACING UNIT
400126152	FORM 2 SUBMITTED
400126155	30 DAY NOTICE LETTER
400126156	EXCEPTION LOC WAIVERS
400130276	WELL LOCATION PLAT
400130277	DEVIATED DRILLING PLAN
400130279	PROPOSED SPACING UNIT
400130280	EXCEPTION LOC REQUEST
400143773	OTHER
400143774	LEGAL/LEASE DESCRIPTION

Total Attach: 11 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	---HOLD OFF--corrected drilling and spacing unit attached.	3/23/2011 11:53:51 AM
Permit	---ON HOLD--Requested corrected Proposed Drilling and Spacing Unit attachment.	3/22/2011 9:16:36 AM
Permit	Guttersen D02-75HN, doc. no. 40012613, will be the 318Aa and 318Ac exception location. Tania D11-27D is approximately 23' to east of Tania D11-28. Exception location request and surface owner waivers attached. --Reviewed	3/21/2011 11:16:56 AM

Total: 3 comment(s)

### **BMP**

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

Total: 0 comment(s)