


FORM 2 Rev 12/05	State of Colorado Oil and Gas Conservation Commission 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				

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:

400148640

Plugging Bond Surety

20030009

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>SUSAN MILLER</u> Phone: <u>(303)228-4246</u> Fax: <u>(303)228-4286</u>	
Email: <u>smiller@nobleenergyinc.com</u>	
7. Well Name: <u>SHAKLEE USX</u>	Well Number: <u>X25-29D</u>
8. Unit Name (if appl): _____	Unit Number: _____
9. Proposed Total Measured Depth: <u>8111</u>	

WELL LOCATION INFORMATION

10. QtrQtr: <u>SENW</u> Sec: <u>25</u> Twp: <u>2N</u> Rng: <u>65W</u> Meridian: <u>6</u>
Latitude: <u>40.111700</u> Longitude: <u>-104.614660</u>
Footage at Surface: <u>1837</u> feet <u>FNL</u> <u>1971</u> feet <u>FWL</u>
11. Field Name: <u>Wattenberg</u> Field Number: <u>90750</u>
12. Ground Elevation: <u>4904</u> 13. County: <u>WELD</u>

14. GPS Data:
 Date of Measurement: 03/04/2011 PDOP Reading: 1.3 Instrument Operator's Name: Brian Brinkman

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
<u>75</u>	<u>FNL</u>	<u>1320</u>	<u>75</u>	<u>FNL</u>	<u>1320</u>
		<u>FWL</u>			<u>FWL</u>
Sec: <u>25</u>	Twp: <u>2N</u>	Rng: <u>65W</u>	Sec: <u>25</u>	Twp: <u>2N</u>	Rng: <u>65W</u>

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: 1750 ft

18. Distance to nearest property line: 668 ft 19. Distance to nearest well permitted/completed in the same formation: 714 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
J Sand	JSND	232-23	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 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 mineral lease description.
25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 5738

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	940	325	940	0
1ST	7+7/8	4+1/2	11.6	0	8,111	756	8,111	

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 well is part of a 8-well multi-well pad which includes proposed Shaklee USX X25-05D, X25-02D, X25-20D, X25-06, X25-18D, X25-17D, X25-08D and X25-29D. Form 2A filed under doc. no. 400146802 for all 8 locations. Unit Configuration: Sec 24: S/2SW/4, Sec 25: N/2NW/4.

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: 6/24/2011 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. Neslin Director of COGCC Date: 7/19/2011

API NUMBER
05 123 33984 00

Permit Number: _____ Expiration Date: 7/18/2013

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) Note surface casing setting depth change from 850' to 940'. Increase cement coverage accordingly and cement to surface.
- 2) Provide 48 hour notice of MIRU to Jim Precup at 303-726-3822 or e-mail at jim.precup@state.co.us.
- 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above the 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
400148640	FORM 2 SUBMITTED
400148645	30 DAY NOTICE LETTER
400167826	WELL LOCATION PLAT
400167828	DEVIATED DRILLING PLAN
400167832	PROPOSED SPACING UNIT
400167833	PROPOSED SPACING UNIT
400178527	PROPOSED SPACING UNIT
400178528	LEGAL/LEASE DESCRIPTION

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 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) and 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	General 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 pick up trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.

Total: 3 comment(s)