

APPLICATION FOR PERMIT TO:

1. **Drill,** Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL

OIL GAS COALBED OTHER _____

SINGLE ZONE MULTIPLE COMMINGLE

Refiling
Sidetrack

Document Number:
400174195

PluggingBond SuretyID
20030009

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: Justin Garrett Phone: (303)228-4449 Fax: (303)228-4286
Email: JGGarrett@nobleenergyinc.com

7. Well Name: SLW State PC Well Number: BB18-67HN

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 10885

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 18 Twp: 5N Rng: 63W Meridian: 6
Latitude: 40.401440 Longitude: -104.486840

Footage at Surface: _____ feet FNL/FSL _____ feet FEL/FWL _____ feet
1702 FNL 631 FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4589 13. County: WELD

14. GPS Data:
Date of Measurement: 04/01/2011 PDOP Reading: 2.0 Instrument Operator's Name: Robert Daley

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
1398 FNL 747 FWL 1365 FNL 535 FEL
Sec: 18 Twp: 5N Rng: 63W Sec: 18 Twp: 5N Rng: 63W

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: 2785 ft

18. Distance to nearest property line: 631 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 505 ft

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.)
Niobrara	NBRR	407-511	320	GWA

21. Mineral Ownership: Fee State Federal Indian Lease #: 80/5199-S

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):

Noble Energy Inc. certifies that the lease(s) shall be committed to the unit. T5N-R63W Sec. 18: N/2, N/2S/2

25. Distance to Nearest Mineral Lease Line: 535 ft 26. Total Acres in Lease: 474

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
CONDUCTOR	16+0/0	15+0/0		0	100	6	100	0
SURF	13+3/4	9+5/8	36	0	500	166	500	0
1ST	8+3/4	7+0/0	26	0	6,899	1,017	6,899	
1ST LINER	6+1/8	4+1/2	11.6	5687	10,885			

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

33. Comments The production liner will be hung off inside 7" casing. First String top of cement will be 200' above Niobrara formation. Location is a two-well pad consisting of the proposed SLW State PC BB18-65HN (Doc # 400174194) and SLW State PC BB18-67HN (Doc #400174195), multi-well plan attached. The production facilities for the proposed SLW State PC BB18-65HN and SLW State PC BB18-67HN will be added to existing facilities for the Robin Green State BB18-05 located within the pad disturbance. Unit Configuration = N/2.

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: Justin Garrett

Title: Regulatory Specialist Date: 10/10/2011 Email: JDGarrett@nobleenergyinc.

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: 11/13/2011

API NUMBER
05 123 34674 00

Permit Number: _____ Expiration Date: 11/12/2013

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.

On hold for Oct hearing, Cause 1110SP-134, Order 535. Note to Tim Kelly re:wells & Pad sent today. Water Sample required.

- 1) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us .
- 2) Provide cement coverage from base of intermediate casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) 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
2508307	SURFACE CASING CHECK
400174195	FORM 2 SUBMITTED
400174229	30 DAY NOTICE LETTER
400174230	PLAT
400174242	DEVIATED DRILLING PLAN
400174243	MULTI-WELL PLAN
400213242	EXCEPTION LOC REQUEST
400213243	EXCEPTION LOC WAIVERS
400213244	PROPOSED SPACING UNIT

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review complete.	11/8/2011 9:17:02 AM

Total: 1 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
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.
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.
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- 038637. 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.

Total: 3 comment(s)