

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

400380848

Date Received:

03/20/2013

PluggingBond SuretyID

20030009

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 ☐

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: JAN KAJIWARA Phone: (303)228-4092 Fax: (303)228-4286

Email: jkajiwara@nobleenergyinc.com

7. Well Name: TIMBRO LD Well Number: 06-64HN

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

9. Proposed Total Measured Depth: 15322

WELL LOCATION INFORMATION

10. QtrQtr: LOT 6 Sec: 6 Twp: 9N Rng: 58W Meridian: 6

Latitude: 40.778367 Longitude: -103.916297

Footage at Surface: 1980 feet FNL/FSL 255 feet FEL/FWL
FSL FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 4900 13. County: WELD

14. GPS Data:

Date of Measurement: 09/06/2012 PDOP Reading: 1.2 Instrument Operator's Name: JERREMY HARRIS

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
1983 FSL 915 FWL 1980 FSL 660 FEL
Sec: 6 Twp: 9N Rng: 58W Sec: 5 Twp: 9N Rng: 58W

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: 3339 ft

18. Distance to nearest property line: 255 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1455 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.)
NIOBRARA	NBRR	535-335	1280	Sec 5 & 6 ALL

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 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):

W/2SW/4 SECTION 6-T9N-R58W and other leases & other lands.

25. Distance to Nearest Mineral Lease Line: 0 ft

26. Total Acres in Lease: 3920

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	18+1/2	16		0	100	6	100	0
SURF	13+3/4	9+5/8	36	0	600	300	600	0
1ST	8+3/4	7	26	0	6,327	430	6,327	
1ST LINER	6+1/8	4+1/2	11.6	6177	15,322			

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

33. Comments 1ST STRING TOP OF CEMENT = 200' ABOVE NIOBRARA. SUNDRY SUBMITTED TO ABANDON LOCATION FOR THE FISCUS MESA #05-06H AND THE FISCUS MESA #04-05H SUA IS ATTACHED FOR INFORMATION PURPOSE.

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: 3/20/2013

Email: jkajiwara@nobleenergyinc.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 6/5/2013

API NUMBER

05 123 37517 00

Permit Number: _____ Expiration Date: 6/4/2015

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 48 hour notice of spud via electronic Form 42.
- 2) Set at least 600' of surface casing. Cement to surface.
- 3) Provide cement coverage to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) 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.

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
2486335	SURFACE CASING CHECK
400380848	FORM 2 SUBMITTED
400392888	SURFACE AGRMT/SURETY
400392889	30 DAY NOTICE LETTER
400392890	DEVIATED DRILLING PLAN
400392891	WELL LOCATION PLAT
400392892	DIRECTIONAL DATA
400392894	OFFSET WELL EVALUATION

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Input May spacing order number. Final Review Completed. No LGD or public comment received.	3/4/2013 8:05:24 AM
Permit	Horizontal wellbore crosses lease lines within drilling and spacing unit; distance to lease line is 0'; distance to unit boundary is 660'.	3/4/2013 8:02:55 AM
Permit	On Hold pending May spacing hearing for docket 1305-SP-80 which is attempting to establish a 1280 acre spacing order.	4/16/2013 6:37:26 AM
Engineer	No existing wells within 500' of proposed directional.	4/12/2013 10:13:26 AM
Permit	Per operator corrected distance to nearest wellbore.	3/27/2013 3:21:26 PM
Permit	Mud disposal method does not match form 2A. NWSW corrected to lot 6. Requested information from operator on spacing and updated distance to nearest wellbore. Initial review complete.	3/27/2013 9:29:09 AM
Permit	Proposed well is crossing what appears to be multiple leases. The section is not spaced for a 1280 lateral and operator has not indicated that a spacing request is on a future docket.	3/25/2013 12:35:32 PM
Permit	May not need and exception location letter and waiver.	3/25/2013 12:34:24 PM
Permit	Returned to draft: 1) Exception location request ltr and waiver needed.	3/25/2013 10:12:08 AM
Permit	Returned to draft. Missing Exception Location Request and Waiver.	3/21/2013 1:55:24 PM

Total: 10 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-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.
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)