

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400016036

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: MARI CLARK Phone: (303)228-4413 Fax: (303)228-4286

Email: mclark@nobleenergyinc.com

7. Well Name: NELSON USX WW Well Number: 09-24D

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

9. Proposed Total Measured Depth: 8239

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 9 Twp: 1N Rng: 66W Meridian: 6

Latitude: 40.059960 Longitude: -104.779250

Footage at Surface: 524 FNL/FSL FSL 1819 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5007 13. County: WELD

14. GPS Data:

Date of Measurement: 04/23/2009 PDOP Reading: 1.4 Instrument Operator's Name: STEVEN A LUND

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

Footage at Top of Prod Zone: FNL/FSL 1295 FSL FSL 2458 FEL FEL Bottom Hole: FNL/FSL 1295 FSL FSL 2458 FEL FEL
Sec: 9 Twp: 1N Rng: 66W Sec: 9 Twp: 1N Rng: 66W

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: 145 ft

18. Distance to nearest property line: 169 ft 19. Distance to nearest well permitted/completed in the same formation: 945 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

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):
SEE ATTACHED

25. Distance to Nearest Mineral Lease Line: 169 ft 26. Total Acres in Lease: 5742

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☒ Offsite ☐ Onsite

Method: ☒ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: _____

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	1,100	455	1,100	0
1ST	7+7/8	4+1/2	11.6	8,239	739	8,239	0

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

33. Comments NO CONDUCTOR CASING WILL BE USED. WELL IS TO BE TWINNED WITH EXISTING NELSON 34-9. TOP OF CEMENT FOR 1ST STRING IS 200' ABOVE NIOBRARA. UNIT CONFIGURATION = E/2SW/4, W/2SE/4.

34. Location ID: 306031

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: MARI CLARK

Title: REG. ANALYST II Date: 11/20/2009 Email: mclark@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: 2/10/2010

API NUMBER

05 123 31142 00

Permit Number: _____ Expiration Date: 2/9/2012

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 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us 2) Comply with Rule 317.i and 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. 3) 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.

Rule 800 aesthetic and noise control regulations will be complied with accordingly.

Rule 800 aesthetic and noise control regulations will be complied with accordingly.

Rig height cannot exceed 96 feet due to close proximity to power line. 502b variance granted. RULE 502.b VARIANCE REQUESTED FOR RULE 603.a.(1) - WELL IS 145' FROM ABOVE GROUND UTILITY, DERRICK HEIGHT IS 76', REVIEWED BY CDPHE FOR FORM 2A, GRANTED BY COGCC; VARIANCE REQUEST LETTER SUBMITTED WITH FORM 2 & 2A

Attachment Check List

Att Doc Num	Name	Doc Description
1759719	WELL LOCATION PLAT	LF@2182485 1759719
1759720	LEGAL/LEASE DESCRIPTION	LF@2182486 1759720
1759721	30 DAY NOTICE LETTER	LF@2182487 1759721
1759722	DEVIATED DRILLING PLAN	LF@2182488 1759722
1759723	PROPOSED SPACING UNIT	LF@2182489 1759723
1760320	CORRESPONDENCE	LF@2212771 1760320
1760321	CORRESPONDENCE	LF@2212772 1760321
1769679	SURFACE CASING CHECK	LF@2191798 1769679
2105007	EXCEPTION LOC REQUEST	LF@2195184 2105007
400016970	FORM 2 SUBMITTED	LF@2183734 400016970
400042056	APD ORIGINAL	LF@2182484 400042056

Total Attach: 11 Files