

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:

400065289

Plugging Bond Surety

20030009

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☐ OTHER MONITOR/SCIENCE
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: LAZY D ZN Well Number: 03-09

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

9. Proposed Total Measured Depth: 9600

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 3 Twp: 11N Rng: 66W Meridian: 6

Latitude: 40.949840 Longitude: -104.760390

Footage at Surface: 2639 FNL/FSL FSL 1990 FEL/FWL FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5894 13. County: WELD

14. GPS Data:

Date of Measurement: 05/20/2010 PDOP Reading: 2.5 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 _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 5281 ft

18. Distance to nearest property line: 1990 ft 19. Distance to nearest well permitted/completed in the same formation: 5281 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	UNSPACED		

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):
T11N R66W, SECTION 11: S/2 & T11N, R66W SECTION 11: N/2

25. Distance to Nearest Mineral Lease Line: _____ 1 ft 26. Total Acres in Lease: _____ 640

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	2,270	350	2,270	0
1ST	7+7/8	5+1/2	26	9,600	890	9,600	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. NO COMPLETION WILL BE PERFORMED ON THIS WELL. THIS WELL IS TO BE USED FOR MONITOR/SCIENCE EVIDENCE. THE MAIN OBJECTIVE IS TO USE THE WELL TO RUN MICRO-SEISMIC PHONES TO LISTEN TO EITHER OF THE POTENTIAL LATERALS BEING PERMITTED IN THE SECTION. NOBLE'S PLAN IS TO CORE +/- 300' OF THE NIOBRARA FORMATION. NOBLE WILL POTENTIALLY PERFORM A DFIT TEST IN THE J SAND, GREENHORN, CODELL AND/OR NIOBRARA FORMATION. NOBLE OWN'S 100% OF THE S/2 & N/2 LEASE. THE MINERAL OWNER IS THE SAME ON THE S/2 & N/2. 1ST STRING TOP OF CEMENT = 200' ABOVE NIOBRARA.

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: MARI CLARK

Title: REG. ANALYST II Date: 5/27/2010 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: 7/2/2010

Permit Number: _____ Expiration Date: 7/1/2012

API NUMBER

05 123 31832 00

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) Note surface casing setting depth change from 2200' to 2270'. Increase cement coverage accordingly.
- 2) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us
- 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.

Attachment Check List

Att Doc Num	Name	Doc Description
400065289	FORM 2 SUBMITTED	LF@2489223 400065289
400065486	WELL LOCATION PLAT	LF@2483357 400065486
400065488	30 DAY NOTICE LETTER	LF@2483358 400065488

Total Attach: 3 Files