

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



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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:

400106743

Plugging Bond Surety

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: SUSAN MILLER Phone: (303)228-4246 Fax: (303)228-4286
Email: smiller@nobleenergyinc.com

7. Well Name: EASTON Well Number: G12-32D

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

9. Proposed Total Measured Depth: 7542

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 12 Twp: 4N Rng: 65W Meridian: 6

Latitude: 40.330180 Longitude: -104.617010

Footage at Surface: 1459 feet FNL/FSL FNL 1093 feet FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4760 13. County: WELD

14. GPS Data:

Date of Measurement: 10/11/2010 PDOP Reading: 1.8 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 2550 FSL 125 FWL FWL Bottom Hole: FNL/FSL 2550 FSL 125 FWL FWL
Sec: 12 Twp: 4N Rng: 65W Sec: 12 Twp: 4N Rng: 65W

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: 1065 ft

18. Distance to nearest property line: 6 ft 19. Distance to nearest well permitted/completed in the same formation: 747 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
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#: _____

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):
4N-65W 11: SE/4, 12: N/2SW/4, 13: N/2NE/4.

25. Distance to Nearest Mineral Lease Line: 95 ft 26. Total Acres in Lease: 320

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: 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/Line Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24		650	230	650	0
1ST	7+7/8	4+1/2	11.6		7,542	701	7,542	

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. Operator requests approval of Rule 603.a.(2) exception location for well location 6' from nearest property line; request letter and signed waiver attached. This is part of a 3-well multi-well pad which includes: proposed Easton G12-32D, Easton G12-20D and twinning existing Easton G12-19 (as-drilled GPS sundry submitted for this well). Unit Configuration: 11: SENE, NESE; 12: SWNW, NWSW.

34. Location ID: 305384

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: 12/15/2010 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. Nesline Director of COGCC Date: 1/8/2011

API NUMBER

05 123 32827 00

Permit Number: _____ Expiration Date: 1/7/2013

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.

- 1) Provide 24 hour notice of MIRU to Bo Brown at 970-330-6085 or e-mail at bobrown@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.

Attachment Check List

Att Doc Num	Name
2530050	CORRESPONDENCE
2530051	PROPOSED SPACING UNIT
2530080	SURFACE AGRMT/SURETY
2565809	SURFACE CASING CHECK
400106743	FORM 2 SUBMITTED
400106792	30 DAY NOTICE LETTER
400106793	EXCEPTION LOC WAIVERS
400113568	EXCEPTION LOC REQUEST
400113569	WELL LOCATION PLAT
400113570	DEVIATED DRILLING PLAN
400117016	PROPOSED SPACING UNIT
400117024	PROPOSED SPACING UNIT
400117026	PROPOSED SPACING UNIT

Total Attach: 13 Files

General Comments

User Group	Comment	Comment Date
Permit	Added new surface use agreement	1/5/2011 7:20:30 AM
Permit	THIS IS A PRIVATE AIRPORT AND THE SURFACE IS OWNED BY THE SAME SURFACE OWNER ON EITHER SIDE OF THE LINE. SEE CORRESPONDENCE	12/21/2010 6:42:35 AM
Permit	Well to close to property line without surface use agreement. Well very close to runway without any correspondence with airport.	12/17/2010 1:12:31 PM

Total: 3 comment(s)

BMP

Type	Comment

Total: 0 comment(s)