

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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Document Number:

400009891

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: BEDDO P Well Number: 25-31D

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

9. Proposed Total Measured Depth: 8000

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 25 Twp: 3N Rng: 67W Meridian: 6

Latitude: 40.201970 Longitude: -104.847260

Footage at Surface: 531 FNL/FSL FNL 401 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4798 13. County: WELD

14. GPS Data:

Date of Measurement: 07/17/2009 PDOP Reading: 1.9 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 1400 FNL 75 FWL FWL Bottom Hole: FNL/FSL 1400 75 FWL FWL
Sec: 25 Twp: 3N Rng: 67W Sec: 25 Twp: 3N Rng: 67W

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: 349 ft

18. Distance to nearest property line: 401 ft 19. Distance to nearest well permitted/completed in the same formation: 718 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):
SE/SW, SW/SE, SECTION 24, N/2 SECTION 25, 3N-67W

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 400

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#	900	372	900	0
1ST	7+7/8	4+1/2	11.6#	8,000	761	8,000	

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

33. Comments No conductor casing will be used. 1st String TOC=200' above Niobrara. WELL IS TO BE TWINNED WITH BEDDO P25-29D, BEDDO P25-32D & EXISTING BIRKLE P25-4JI. UNIT CONFIGURTION = E/2NE/4 SECTION 26 AND THE W/2NW/4 SECTION 25. (Noble requests approval of a Rule 318Aa and Rule 318Ae exception location: Wellhead is to be located outside of a GWA drilling window and will drill to a 318Ae infill location from outside of a GWA drilling window. 3-30-10 PVG)

34. Location ID: 336367

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: Regulatory Analyst II Date: 2/17/2010 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. Nesline Director of COGCC Date: 3/30/2010

API NUMBER

05 123 31396 00

Permit Number: _____ Expiration Date: 3/29/2012

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 Bo Brown at 970-330-6085 or e-mail at bo.brown@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.

Wellhead is to be located outside of a GWA drilling window and well will drill to a 318Ae infill location from a surface location outside of a GWA drilling window. Exception granted.

Wellhead is to be located outside of a GWA drilling window and well will drill to a 318Ae infill location from a surface location outside of a GWA drilling window. Exception granted.

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Attachment Check List

Att Doc Num	Name	Doc Description
1770112	SURFACE CASING CHECK	LF@2437920 1770112
400041178	WELL LOCATION PLAT	LF@2428061 400041178
400041179	30 DAY NOTICE LETTER	LF@2428062 400041179
400041180	DEVIATED DRILLING PLAN	LF@2428063 400041180
400041181	EXCEPTION LOC REQUEST	LF@2428064 400041181
400041182	EXCEPTION LOC WAIVERS	LF@2428065 400041182
400041183	PROPOSED SPACING UNIT	LF@2428066 400041183
400041184	FORM 2 SUBMITTED	LF@2428067 400041184

Total Attach: 8 Files