

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:

400009665

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: KATE SHIRLEY Phone: (303)228-4449 Fax: (303)228-4280
Email: KShirley@nobleenergyinc.com

7. Well Name: IGO FARMS J Well Number: 28-20D

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

9. Proposed Total Measured Depth: 7640

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 28 Twp: 5N Rng: 66W Meridian: 6

Latitude: 40.373840 Longitude: -104.790330

Footage at Surface: 1426 FNL/FSL FNL 1021 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4875 13. County: WELD

14. GPS Data:

Date of Measurement: 02/11/2009 PDOP Reading: 2.3 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 2560 FNL 1320 FWL FWL Bottom Hole: FNL/FSL 2560 FNL 1320 FWL FWL
Sec: 28 Twp: 5N Rng: 66W Sec: 28 Twp: 5N 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: 1040 ft

18. Distance to nearest property line: 101 ft 19. Distance to nearest well permitted/completed in the same formation: 879 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#: 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):
T5N, R66W, SEC. 28: NW/4

25. Distance to Nearest Mineral Lease Line: 73 ft 26. Total Acres in Lease: 160

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	550	232	550	0
1ST	7+7/8	4+1/2	11.6	7,640	716	7,640	

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

33. Comments THIS WOULD BE A MULTI-WELL PAD CONSISTING OF: IGO FARMS J28-19D, IGO FARMS J28-20, IGO FARMS J28-31D, IGO FARMS J28-32D. NO CONDUCTOR CASING WILL BE USED. THE PRODUCTION CASING TOP OF CEMENT WILL BE 200' ABOVE TOP OF GAS. UNIT CONFIGURATION: S/2 NW/4 AND N/2 SW/4 FOR CODELL AND NIOBRARA FORMATIONS.

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: KATE SHIRLEY

Title: REGULATORY SPECIALIST Date: 10/19/2009 Email: KShirley@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 G. Neslin Director of COGCC Date: 12/15/2009

API NUMBER

05 123 30889 00

Permit Number: _____ Expiration Date: 12/14/2011

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 Ed Binkley at 970-506-9834 or e-mail at ed.binkley@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 Shannon to 200' above Shannon. 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	Doc Description
1769615	SURFACE CASING CHECK	LF@2184216 1769615.00000
400010407	WELL LOCATION PLAT	LF@2167079 400010407
400010411	TOPO MAP	LF@2167080 400010411
400010412	30 DAY NOTICE LETTER	LF@2167081 400010412
400010413	DEVIATED DRILLING PLAN	LF@2167082 400010413
400010414	PROPOSED SPACING UNIT	LF@2167083 400010414
400010415	EXCEPTION LOC WAIVERS	LF@2167087 400010415
400010416	FORM 2 SUBMITTED	LF@2167088 400010416

Total Attach: 8 Files