

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:

1904516

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: (281)876-6105 Fax: (281)876-2503

Email: MCLARK@NOBLEENERGYINC.COM

7. Well Name: COLORADO STATE CC Well Number: 30-31D

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 7081

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 30 Twp: 4N Rng: 63W Meridian: 6

Latitude: 40.288630 Longitude: -104.487370

Footage at Surface: 681 FNL/FSL FNL 664 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4752 13. County: WELD

14. GPS Data:

Date of Measurement: 03/31/2009 PDOP Reading: 1.7 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 1280 FNL 75 FWL FWL Bottom Hole: FNL/FSL 1280 FNL 75 FWL FWL  
Sec: 30 Twp: 4N Rng: 63W Sec: 30 Twp: 4N Rng: 63W

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: 400 ft

18. Distance to nearest property line: 664 ft 19. Distance to nearest well permitted/completed in the same formation: 855 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		160	GWA
NIOBRARA	NBRR		160	GWA

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 70/7861S

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):  
NE/4; W/2NW/4; E/2SW/4; E/2SE/4 OF SEC.30, T4N, R63W

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 397

### 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	7,081	633	7,081	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. WELL TO BE TWINNED WITH SPIKE STATE CC 30-4.

34. Location ID: 328278

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: Y Print Name: MARI CLARK

Title: REGULATORY ANALYST II Date: 6/1/2009 Email: MCLARK@NOBLEENERGYIN

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. Nashin Director of COGCC Date: 9/11/2009

#### API NUMBER

05 123 30603 00

Permit Number: 20092603 Expiration Date: 9/10/2011

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 HR NOTICE OF SPUD TO ED BINKLEY AT 970-506-9834 OR E-MAIL AT ED.BINKLEY@STATE.CO.US . 2) SET SURFACE CASING 550' MINIMUM, PER RULE 317D, CEMENT TO SURFACE. SETTING SURFACE CASING LESS THAN THE APPROVED DEPTH IS A PERMIT VIOLATION UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE COGCC. 3) IF COMPLETED, PROVIDE CEMENT COVERAGE FROM TD TO A MINIMUM OF 200' ABOVE NIOBRARA. VERIFY COVERAGE WITH CEMENT BOND LOG. 4) IF DRY HOLE, 40 SKS CEMENT 50' ABOVE NIOBRARA TOP, 50 SKS CEMENT ½ OUT, ½ IN SURFACE CASING, 10 SKS CEMENT TOP OF SURFACE CASING, CUT 4' BELOW GL, WELD ON PLATE, 5 SKS CEMENT IN RAT HOLE & 5 SKS CEMENT IN MOUSE HOLE. RESTORE SURFACE LOCATION.

1) PROVIDE 24 HR NOTICE OF SPUD TO ED BINKLEY AT 970-506-9834 OR E-MAIL AT ED.BINKLEY@STATE.CO.US . 2) SET SURFACE CASING 550' MINIMUM, PER RULE 317D, CEMENT TO SURFACE. SETTING SURFACE CASING LESS THAN THE APPROVED DEPTH IS A PERMIT VIOLATION UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE COGCC. 3) IF COMPLETED, PROVIDE CEMENT COVERAGE FROM TD TO A MINIMUM OF 200' ABOVE NIOBRARA. VERIFY COVERAGE WITH CEMENT BOND LOG. 4) IF DRY HOLE, 40 SKS CEMENT 50' ABOVE NIOBRARA TOP, 50 SKS CEMENT ½ OUT, ½ IN SURFACE CASING, 10 SKS CEMENT TOP OF SURFACE CASING, CUT 4' BELOW GL, WELD ON PLATE, 5 SKS CEMENT IN RAT HOLE 5 SKS CEMENT IN MOUSE HOLE. RESTORE SURFACE LOCATION.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1904516	APD ORIG & 1 COPY	LF@2060956 1904516
1904517	WELL LOCATION PLAT	LF@2060957 1904517
1904518	30 DAY NOTICE LETTER	LF@2060958 1904518
1904519	DEVIATED DRILLING PLAN	LF@2060960 1904519
1904520	PROPOSED SPACING UNIT	LF@2060959 1904520

Total Attach: 5 Files