

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:

1904969

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: 70 RANCH USX BB Well Number: 09-99HZ

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

9. Proposed Total Measured Depth: 10782

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 9 Twp: 5N Rng: 63W Meridian: 6

Latitude: 40.420630 Longitude: -104.448400

Footage at Surface: 309 FNL/FSL FNL 806 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4744 13. County: WELD

14. GPS Data:

Date of Measurement: 05/04/2009 PDOP Reading: 1.2 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 850 FNL 1380 FWL 2020 FSL 1220 FEL FWL
Sec: 9 Twp: 5N Rng: 63W Sec: 9 Twp: 5N 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: 309 ft 19. Distance to nearest well permitted/completed in the same formation: 561 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	407-87	640	ALL

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-R63W, SEC. 9: ALL

25. Distance to Nearest Mineral Lease Line: 850 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	9+5/8	36	500	200	500	0
1ST	8+3/4	7	26	6,850	625	6,850	
2ND	6+1/8	4+1/2	11.6	10,782			

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

33. Comments NO CONDUCTOR CASING WILL BE USED. PRODUCTION LINER WILL BE HUNG OFF INSIDE 7" CSG. THIS WELL IS PART OF A PILOT PROGRAM. EXCEPTION LOCATION 318AE. TWINNING WAIVERS ATTACHED.

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: Y Print Name: MARI CLARK

Title: REGULATORY ANALYST II Date: 6/15/2009 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. Neslin Director of COGCC Date: 9/29/2009

API NUMBER

05 123 30639 00

Permit Number: 20092711 Expiration Date: 9/28/2011

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 TO 500' 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) PROVIDE CEMENT COVERAGE FROM TD TO A MINIMUM OF 200' ABOVE NIOBRARA. VERIFY ALL PLACED CEMENT WITH CEMENT BOND LOG AND CEMENTING TICKETS FOR BOTH THE PRODUCTION LINER AND INTERMEDIATE CASING. 4) 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.

Exception location granted, surface owner waiver attached.

Attachment Check List

Att Doc Num	Name	Doc Description
1904970	WELL LOCATION PLAT	LF@2086855 1904970
1904971	30 DAY NOTICE LETTER	LF@2086857 1904971
1904972	DEVIATED DRILLING PLAN	LF@2095905 1904972
1904974	EXCEPTION LOC REQUEST	LF@2086860 1904974
1904975	EXCEPTION LOC REQUEST	LF@2086865 1904975
1904976	EXCEPTION LOC WAIVERS	LF@2086872 1904976
400007451	APD ORIG & 1 COPY	LF@2086854 400007451

Total Attach: 7 Files