

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:

1904796

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

Email: EROBERTS@NOBLEENERGYINC.COM

7. Well Name: SINJIN STATE E Well Number: 36-20

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

9. Proposed Total Measured Depth: 7036

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 36 Twp: 6N Rng: 65W Meridian: 6

Latitude: 40.442630 Longitude: -104.616000

Footage at Surface: 2560 FNL/FSL FNL 1315 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4652 13. County: WELD

14. GPS Data:

Date of Measurement: 05/11/2009 PDOP Reading: 2.5 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 _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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

18. Distance to nearest property line: 87 19. Distance to nearest well permitted/completed in the same formation: 751

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 #: 81/6537S

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 Bon ☐ \$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):
T6N-R65W SEC 36: ALL

25. Distance to Nearest Mineral Lease Line: 1315 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	8+5/8	24	450	188	450	0
1ST	7+7/8	4+1/2	11.6	7,036	626	7,036	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. EXCEPTION LOCATION RULE 603A2, 318AA, 318AC.

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: EILEEN ROBERTS

Title: REGULATORY SPECIALIST Date: 6/10/2009 Email: EROBERTS@NOBLEENERGY

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: 9/23/2009

API NUMBER

05 123 30661 00

Permit Number: 20092655 Expiration Date: 9/22/2010

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

Comment

Agency

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 PARKMAN ORDER 464, PROVIDE CEMENT COVERAGE FROM TD TO A MINIMUM OF 200' ABOVE NIOBRARA AND FROM 200' BELOW PARKMAN TO 300' ABOVE PARKMAN. VERIFY COVERAGE WITH CEMENT BOND LOG.

LOCATION IS IN A SENSITIVE AREA BECAUSE OF SHALLOW GROUNDWATER; THEREFORE, EITHER A LINED DRILLING PIT OR A CLOSED LOOP SYSTEM IS REQUIRED.

Attachment Check List

Att Doc Num	Name	Doc Description
1408949	SURFACE AGRMT/SURETY	LF@2065519 1408949
1904796	APD ORIG & 1 COPY	LF@2065439 1904796
1904797	SURFACE AGRMT/SURETY	LF@2065517 1904797
1904798	WELL LOCATION PLAT	LF@2065521 1904798
1904799	30 DAY NOTICE LETTER	LF@2065433 1904799
1904800	EXCEPTION LOC WAIVERS	LF@2065441 1904800
1904801	EXCEPTION LOC WAIVERS	LF@2065443 1904801
1904802	EXCEPTION LOC REQUEST	LF@2065440 1904802
1904803	PROPOSED SPACING UNIT	LF@2065500 1904803
2063226	PROPOSED SPACING UNIT	LF@2065500 2063226

Total Attach: 10 Files