

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:

1904248

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: Phone: () Fax: ()

Email: _____

7. Well Name: FT LUPTON HIGHLANDS USX WW Well Number: 09-22D

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

9. Proposed Total Measured Depth: 8248

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 9 Twp: 1N Rng: 66W Meridian: 6

Latitude: 40.068000 Longitude: -104.780270

 Footage at Surface: 1819 FNL/FSL FNL FEL/FWL FEL
 2104

11. Field Name: WATTENBURG Field Number: 90750

12. Ground Elevation: 5020 13. County: WELD

14. GPS Data:

Date of Measurement: 04/13/2009 PDOP Reading: 0.8 Instrument Operator's Name: STEVEN 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
 2555 FNL 1265 FEL 2555 FNL 1265 FEL
 Sec: 9 Twp: 1N Rng: 66W Sec: 9 Twp: 1N 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: 400

18. Distance to nearest property line: 543 19. Distance to nearest well permitted/completed in the same formation: 872

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	320	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 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):
SEE ATTACHED FOR LEASE DESCRITION

25. Distance to Nearest Mineral Lease Line: 1219 26. Total Acres in Lease: 5741

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	1,100	450	1,100	0
1ST	7+7/8	4+1/2	11.6	8,248	554	8,248	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. WELL WILL BE TWINNED WITH PROPOSED FT. LUPTON HIGHLANDS USX WW09-18D. FT. LUPTON HIGHLANDS USX WW9-22D IS ONLY 24' FROM PERMITTED FT. LUPTON 9-18 WELL

34. Location ID: 306007

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: 5/11/2009 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: 8/31/2009

API NUMBER

05 123 30596 00

Permit Number: 20092569

Expiration Date: 8/31/2010

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

Comment	User Name	Comment Date
Agency		
1) PROVIDE 24 HOUR NOTICE OF MIRU TO JIM PRECUP AT 303-469-1902 OR E-MAIL AT JAMES.PRECUP@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.		
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Attachment Check List

Att Doc Num	Name	Doc Description	Op. Check	File Size
1904248	APD ORIG & 1 COPY	LF@2048388 1904248	Y	
1904249	LOCATION PICTURES	LF@2048407 1904249	Y	
1904250	LOCATION PICTURES	LF@2048409 1904250	Y	
1904251	LOCATION PICTURES	LF@2048411 1904251	Y	
1904252	WELL LOCATION PLAT	LF@2048420 1904252	Y	
1904253	LEGAL/LEASE DESCRIPTION	LF@2048421 1904253	Y	
1904254	DIRECTIONAL SURVEY	LF@2048422 1904254	Y	
1904255	30 DAY NOTICE LETTER	LF@2048389 1904255	Y	
1904256	PROPOSED SPACING UNIT	LF@2048419 1904256	Y	

Total Attach: 9 Files