

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



|    |    |    |    |
|----|----|----|----|
| DE | ET | OE | ES |
|----|----|----|----|

## 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 ☐

Document Number:

400005471

Plugging Bond Surety

20030009

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: LINDA PAVELKA Phone: (303)228-4064 Fax: (303)228-4280

Email: lpavelka@nobleenergyinc.com

7. Well Name: RULISON FEDERAL Well Number: 20-32B

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

9. Proposed Total Measured Depth: 10991

## WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 20 Twp: 7S Rng: 94W Meridian: 6

Latitude: 39.425755 Longitude: -107.915428

 Footage at Surface: 2179 FNL/FSL 1141 FEL/FWL  
 FNL/FSL FEL/FWL

11. Field Name: RULISON Field Number: 75400

12. Ground Elevation: 7907 13. County: GARFIELD

## 14. GPS Data:

Date of Measurement: 09/18/2008 PDOP Reading: 2.5 Instrument Operator's Name: RICHARD BULLEN

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  
 1776 FNL 1917 FEL 1799 FNL 1943 FEL  
 Sec: 20 Twp: 7S Rng: 94W Sec: 20 Twp: 7S Rng: 94W
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: 1258

18. Distance to nearest property line: 862 19. Distance to nearest well permitted/completed in the same formation: 5280

## 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| ILES                   | ILES           | 139-73                  | 40                            | SWNE                                 |
| WILLIAMS FORK          | WMFK           | 139-73                  | 40                            | SWNE                                 |

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC67544

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):  
PLEASE SEE ATTACHED OIL AND GAS LEASE

25. Distance to Nearest Mineral Lease Line: 840 26. Total Acres in Lease: 736

### 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 |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| CONDUCTOR   | 20           | 16             | LINE PIPE       | 120           | 15           | 120           | 0          |
| SURF        | 12+1/4       | 8+5/8          | 24#             | 1,500         | 575          | 1,500         | 0          |
| 3RD         | 7+7/8        | 4+1/2          | 11.6#           | 10,981        | 730          | 10,981        |            |

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

33. Comments THIS WELL IS IN THE RULISON TIER 2, DOE NOTICE LETTER WAS SENT ON 9/17/09- RETURN RECEIPT ATTACHED, THE PRODUCTION CASING TOP OF CEMENT WILL BE 200' ABOVE TOG, THIS WELL IS PART OF THE LONG 20F PAD

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: LINDA PAVELKA

Title: REGULATORY MANAGER Date: 9/17/2009 Email: lpavelka@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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

API NUMBER

05

CONDITIONS OF APPROVAL, IF ANY:

**Attachment Check List**

| Att Doc Num | Name                   | Doc Description                                   |
|-------------|------------------------|---|
| 400005680   | WELL LOCATION PLAT     | Rulison Federal 20-32B well location plat.pdf     |
| 400005681   | TOPO MAP               | Topo map.pdf                                      |
| 400005682   | SURFACE AGRMT/SURETY   | Surface Use Agreement.pdf                         |
| 400005683   | 30 DAY NOTICE LETTER   | 30 day notice letter.pdf                          |
| 400005684   | DEVIATED DRILLING PLAN | Rulison Federal 20-32B_Deviated Drilling Plan.pdf |
| 400005815   | CORRESPONDENCE         | DOE notice letter and return receipt.pdf          |
| 400005816   | OIL & GAS LEASE        | O&G Lease.pdf                                     |
| 400005817   | OTHER                  | Rulison Federal 20-32B NOS.pdf                    |

Total Attach: 8 Files