

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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APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER \_\_\_\_\_  
SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☐

Refilling ☒

Sidetrack ☐

Document Number:

400238111

PluggingBond SuretyID

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: JEAN MUSE-REYNOLDS Phone: (303)228-4392 Fax: (303)228-4286

Email: jmuse@nobleenergyinc.com

7. Well Name: RULISON FEDERAL Well Number: 17-13D (17L)

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

9. Proposed Total Measured Depth: 10174

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 17 Twp: 7S Rng: 94W Meridian: 6

Latitude: 39.436245 Longitude: -107.915688

Footage at Surface: 1641 feet FNL/FSL FSL 1073 feet FEL/FWL FWL

11. Field Name: RULISON Field Number: 75400

12. Ground Elevation: 7426 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 05/31/2010 PDOP Reading: 1.7 Instrument Operator's Name: RONALD RENNKE

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  
1533 FSL 640 FWL 1533 FSL 640 FWL  
Sec: 17 Twp: 7S Rng: 94W Sec: 17 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: 5232 ft

18. Distance to nearest property line: 256 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 317 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.)
Iles	ILES	139-73	40	NWSW
Williams Fork	WMFK	139-73	40	NWSW

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC-66921

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 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):

ON FILE WITH THE STATE OF COLORADO

25. Distance to Nearest Mineral Lease Line: 640 ft 26. Total Acres in Lease: 723

### 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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☒ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: CLOSED LOOP SYSTEM

**If 28, 29, or 30 are "Yes" a pit permit may be required.**

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	20+0/0	16+0/0		0	100	15	100	0
SURF	12+1/4	8+5/8	24	0	1,500	550	1,500	0
1ST	7+7/8	4+1/2	11.6	0	10,174	450	10,174	

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

33. Comments The Production Casing Top of Cement will be 200 feet above Williams Fork. Parasite string 3000'. The surface Casing Setting Depth and Cement Bottom was changed to 1,500 feet as approved by the BLM. All conditions are the same as prior approved permit. This well is part of the RULISON 17L Pad, which is a multi-well pad for 15 wells total. The pad has been built. This re-file will not require any expansion/additional surface disturbance of the pad. The pad is located in Project Rulison 3-Mile Radius Tier II. DOE letter sent 6/4/09. COGCC DOE notice 6/5/09. A closed loop pitless system will be used for this APD. This location does not require a variance from any of the rules listed in COGCC Rule 306.d (1). (A).(ii). This pad is not in a wildlife restricted surface occupancy area.

34. Location ID: 413221

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: JEAN MUSE-REYNOLDS

Title: REGULATORY COMPLIANCE Date: 2/9/2012 Email: jmuse@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: \_\_\_\_\_

**API NUMBER**

05 045 18768 00

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

**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.

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### Attachment Check List

Att Doc Num	Name
400238111	FORM 2 SUBMITTED
400250686	H2S CONTINGENCY PLAN
400250687	APD APPROVED
400250688	DIRECTIONAL DATA

Total Attach: 4 Files

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

### BMP

Type	Comment
Wildlife	Bird protection practices in accordance with the Migratory Bird Act.
Drilling/Completion Operations	<ul style="list-style-type: none"> <li>• Spill reporting and cleanup per COGCC guidelines, EPA regulations, CDPEH regulations, and Noble Energy Inc. policies.</li> </ul>
Material Handling and Spill Prevention	<ul style="list-style-type: none"> <li>• Spill Prevention Control and Countermeasure (SPCC) Plans in accordance with 40 CFR, Part 112.</li> <li>• Secondary containment for oil and produced water vessels in accordance with COGCC rules.</li> </ul>
General Housekeeping	<ul style="list-style-type: none"> <li>• Waste minimization practices including re-use and recycling when practicable.</li> <li>• Waste management (handling and disposal) practices in accordance with COGCC rules and RCRA guidelines as applicable.</li> <li>• Good housekeeping practices relative to overall site condition.</li> </ul>
Interim Reclamation	Use of portable toilets whenever long-term activities are occurring onsite.
Planning	<ul style="list-style-type: none"> <li>• Traffic minimization practices whenever possible in order to reduce dust, noise, congestion, road maintenance.</li> <li>• Noise minimization.</li> <li>• Use of multi-well pad sites for the purpose of minimizing areas of disturbance, traffic, and environmental impact.</li> <li>• Proper reclamation and reseeding practices in accordance with COGCC rules, landowner requirements and BLM stipulations as applicable.</li> </ul>
Storm Water/Erosion Control	<ul style="list-style-type: none"> <li>• Stormwater management practices during construction and interim reclamations phases in accordance with CDPHE regulations.</li> <li>• Stormwater management practices in accordance with COGCC rules throughout the operating life of the locations.</li> </ul>

Total: 7 comment(s)