

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 ☒ COMMINGLE ☐

Refiling ☒

Sidetrack ☐

Document Number:

400181426

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)228-4316 Fax: (303)228-4286

Email: jmuse@nobleenergyinc.com

7. Well Name: SPRUCE CREEK Well Number: 5-34D (8A Pad)

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

9. Proposed Total Measured Depth: 9461

### WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 8 Twp: 7S Rng: 94W Meridian: 6

Latitude: 39.458800 Longitude: -107.905924

Footage at Surface: 387 feet FNL/FSL 1094 feet FEL/FWL FEL

11. Field Name: RULISON Field Number: 75400

12. Ground Elevation: 6451 13. County: GARFIELD

#### 14. GPS Data:

Date of Measurement: 09/08/2008 PDOP Reading: 2.4 Instrument Operator's Name: John Richardson

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 165 FSL 1796 FEL FEL Bottom Hole: FNL/FSL 165 FSL 1796 FEL FEL  
Sec: 5 Twp: 7s Rng: 94w Sec: 5 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: 1300 ft

18. Distance to nearest property line: 1160 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 330 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	SWSE
WILLIAMS FORK	WMFK	139-73	40	SWSE

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#: \_\_\_\_\_

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: 165 ft 26. Total Acres in Lease: 240

### 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	60	15	60	0
SURF	12+1/4	8+5/8	32	0	1,500	550	1,500	0
1ST	7+7/8	4+1/2	11.6	0	9,461	1,030	9,461	

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

33. Comments Parasite string 3000'. The Production Casing Top of Cement will be 200' above Top of Gas. All conditions are the same as prior approved permit. No pits will be constructed. A closed loop system will be used for this APD. This re-file will not require any expansion/additional disturbance. This location does not require a variance from any of the rules listed in COGCC Rule 306.d (1). (A). (ii). This location is not in a wildlife restricted surface occupancy area.

34. Location ID: 413476

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: \_\_\_\_\_ 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 18551 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.**

### Attachment Check List

Att Doc Num	Name
400205427	H2S CONTINGENCY PLAN
400205428	APD APPROVED
400205430	WELL LOCATION PLAT
400205431	LOCATION PICTURES
400205433	OTHER
400205434	ACCESS ROAD MAP
400205435	REFERENCE AREA PICTURES
400205436	CONST. LAYOUT DRAWINGS
400205437	LOCATION DRAWING
400205438	HYDROLOGY MAP
400205439	REFERENCE AREA MAP
400205440	MULTI-WELL PLAN

Total Attach: 12 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

### BMP

<u>Type</u>	<u>Comment</u>
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>
Wildlife	Bird protection practices in accordance with the Migratory Bird Act.
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>
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>
General Housekeeping	<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>
Interim Reclamation	Use of portable toilets whenever long-term activities are occurring onsite.

Total: 7 comment(s)