

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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| DE | ET | OE | ES |
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Document Number:

400182952

PluggingBond SuretyID

20030009

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

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: 8-31B (8A Pad)

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

9. Proposed Total Measured Depth: 9418

WELL LOCATION INFORMATION

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

Latitude: 39.458743 Longitude: -107.905955

Footage at Surface: 408 feet FNL 1103 feet FEL
FNL/FSL FEL/FWL

11. Field Name: RULISON Field Number: 75400

12. Ground Elevation: 6453 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: 499 FNL 1815 FEL 499 FNL 1815 FEL
FNL/FSL FEL/FWL
 Sec: 8 Twp: 7S Rng: 94W Sec: 8 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: 1176 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 327 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 | NWNE |
| WILLIAMS FORK | WMFK | 139-73 | 40 | NWNE |

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: 499 ft 26. Total Acres in Lease: 200

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

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

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 | 9,418 | 1,030 | 9,418 | |

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 18557 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 |
|-------------|-------------------------|
| 400203958 | H2S CONTINGENCY PLAN |
| 400205525 | LOCATION PICTURES |
| 400205526 | OTHER |
| 400205527 | ACCESS ROAD MAP |
| 400205529 | REFERENCE AREA PICTURES |
| 400205530 | CONST. LAYOUT DRAWINGS |
| 400205531 | LOCATION DRAWING |
| 400205532 | HYDROLOGY MAP |
| 400205533 | REFERENCE AREA MAP |
| 400205534 | MULTI-WELL PLAN |
| 400205535 | WELL LOCATION PLAT |
| 400205536 | APD APPROVED |

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

Total: 7 comment(s)