



**LEASE INFORMATION**

Using standard QtrQtr, Sec, Twp, Rng format, describe one entire mineral lease that will be produced by this well (Describe lease beneath surface location if produced. Attach separate description page or map if necessary.)

S/2, Section 36, T9N-59W

Total Acres in Described Lease: 320 Described Mineral Lease is:  Fee  State  Federal  Indian

Federal or State Lease # 94/2269-s

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 600 Feet

**CULTURAL DISTANCE INFORMATION**

Distance to nearest:

- Building: 5280 Feet
- Building Unit: 5280 Feet
- High Occupancy Building Unit: 5280 Feet
- Designated Outside Activity Area: 5280 Feet
- Public Road: 5280 Feet
- Above Ground Utility: 5280 Feet
- Railroad: 5280 Feet
- Property Line: 600 Feet

**INSTRUCTIONS:**

- All measurements shall be provided from center of the Proposed Well to nearest of each cultural feature as described in Rule 303.a.(5).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit, High Occupancy Building Unit, and Designated Outside Activity Area - as defined in 100-Series Rules.

**DESIGNATED SETBACK LOCATION INFORMATION**

- Check all that apply. This location is within a:  Buffer Zone  Exception Zone  Urban Mitigation Area

- Buffer Zone – as described in Rule 604.a.(2), within 1,000' of a Building Unit
- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.
- Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: \_\_\_\_\_

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: \_\_\_\_\_

**SPACING and UNIT INFORMATION**

Distance from Completed Portion of Wellbore to Nearest Wellbore Permitted or Completed in the same formation: 3950 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 600 Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

**SPACING & FORMATIONS COMMENTS**

3950 is the distance to the nearest Dsand well. We are re0plugging this well becasue it is 1277 ft. from our horizontal Niobrara well the Castor LC 35-62HN.

**OBJECTIVE FORMATIONS**

| Objective Formation(s) | Formation Code | Spacing Order Number(s) | Unit Acreage Assigned to Well | Unit Configuration (N/2, SE/4, etc.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
|                        |                |                         |                               |                                      |

**DRILLING PROGRAM**

Proposed Total Measured Depth: 6721 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 3950 Feet (Including plugged wells)

Will a closed-loop drilling system be used? Yes

Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No (If Yes, attach an H2S Drilling Operations Plan)

Will salt sections be encountered during drilling?     No    

Will salt based (>15,000 ppm Cl) drilling fluids be used?     No    

Will oil based drilling fluids be used?     No    

BOP Equipment Type:  Annular Preventor  Double Ram  Rotating Head  None

### GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule     N/A    

### DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal:     OFFSITE     Drilling Fluids Disposal Methods:     Land application    

Cuttings Disposal:                      Cuttings Disposal Method:                     

Other Disposal Description:

Beneficial reuse or land application plan submitted?                     

Reuse Facility ID:                      or Document Number:                     

### CASING PROGRAM

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| SURF        | 12+1/4       | 8+5/8          | 24    | 0             | 256           | 130       | 256     | 0       |
| 1ST         | 7+7/8        | 4+1/2          | 10.50 | 0             | 6721          | 200       | 6721    | 6100    |

Conductor Casing is NOT planned

### DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

### GREATER WATTENBERG AREA LOCATION EXCEPTIONS

Check all that apply:

- Rule 318A.a. Exception Location (GWA Windows).
- Rule 318A.c. Exception Location (GWA Twinning).

### RULE 502.b VARIANCE REQUEST

Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number                     

### OTHER LOCATION EXCEPTIONS

Check all that apply:

- Rule 318.c. Exception Location from Rule or Spacing Order Number
- Rule 603.a.(2) Exception Location (Property Line Setback).

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

### OPERATOR COMMENTS AND SUBMITTAL

Comments Purpose of this re-entry is to adequately re-plug. Noble Energy INC. will obtain the as built well locaton GPS and submit it on the form 6 subsequent report of abandonment after plugging is completed.

No form 2A will be required for this re-entry because No pit will be constructed and there will be no additional surface disturbance beyond the originally disturbed area.

This application is in a Comprehensive Drilling Plan \_\_\_\_\_ CDP #: \_\_\_\_\_

Location ID: 408577

Is this application being submitted with an Oil and Gas Location Assessment application? No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Andrea Rawson

Title: Regulatory Analyst I Date: 8/13/2013 Email: arawson@nobleenergyinc.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: *Matthew Lee* Director of COGCC Date: 9/11/2013

Expiration Date: 09/10/2015

|                   |
|-------------------|
| <b>API NUMBER</b> |
| 05 123 14657 00   |

### Conditions Of Approval

**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.**

| <u>COA Type</u> | <u>Description</u>  |
|-----------------|---|
|                 | 1) Provide 24 hour notice of MIRU to Kym Schure by e-mail at Kym.Schure@state.co.us.<br>2) Proposed plugging procedure is approved. In case of difficulties minimum plugs are as follows:<br>Plug #1: Set 100' cement plug above the Niobrara top, in the Pierre, below 1500'. Tag plug.<br>Plug #2: Set 100' cement plug from 600' to 500'.<br>Plug #3: Set 100' cement plug from 310' to 50' above surface casing shoe. Tag plug.<br>Plug #4: Set cement plug from 50' to surface.<br>Cut casing off 4' below ground level, weld on plate.<br>3) Submit Form 6 – Subsequent Report of Abandonment within 30 days of plugging. |

### Best Management Practices

| <u>No BMP/COA Type</u> | <u>Description</u> |
|------------------------|--------------------|
|                        |                    |

### Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

### Attachment Check List

| <b>Att Doc Num</b> | <b>Name</b>                 |
|--------------------|-----------------------------|
| 400458425          | FORM 2 SUBMITTED            |
| 400467007          | WELLBORE DIAGRAM            |
| 400467008          | PROPOSED PLUGGING PROCEDURE |
| 400467009          | WELLBORE DIAGRAM            |
| 400467010          | SURFACE AGRMT/SURETY        |

Total Attach: 5 Files

### General Comments

| <b>User Group</b> | <b>Comment</b>  | <b>Comment Date</b>      |
|-------------------|---|--------------------------|
| Permit            | State land board ok with location and bond. Final Review Completed. No LGD or public comment received.                      | 9/10/2013<br>8:48:55 AM  |
| Permit            | Per operator corrected mud plan, answered closed loop question, and input comment regarding form 2A.                        | 9/10/2013<br>6:22:13 AM  |
| Permit            | Requested corrected mud plan, answer to closed loop question, and information regarding form 2A. Notified State Land Board. | 9/3/2013 6:29:30<br>AM   |
| Permit            | The form passes completeness.   | 8/15/2013<br>11:04:07 AM |

Total: 4 comment(s)