

Document Number:  
 402749555  
 Date Received:  
 07/19/2021

**WELL ABANDONMENT REPORT**

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set. A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 100322 Contact Name: Kevin Monaghan  
 Name of Operator: NOBLE ENERGY INC Phone: (970) 3812990  
 Address: 1001 NOBLE ENERGY WAY Fax: \_\_\_\_\_  
 City: HOUSTON State: TX Zip: 77070 Email: kevin.monaghan@nblenergy.com

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 Email: \_\_\_\_\_  
**COGCC contact:** \_\_\_\_\_

Type of Well Abandonment Report:  Notice of Intent to Abandon  Subsequent Report of Abandonment

API Number 05-123-19159-00  
 Well Name: HSR-BOOTH Well Number: 8-2  
 Location: QtrQtr: SENE Section: 2 Township: 3N Range: 64W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 65715  
 Field Name: WATTENBERG Field Number: 90750

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.256139 Longitude: -104.511626  
 GPS Data: GPS Quality Value: 3.4 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 11/27/2006

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:  Yes  No Estimated Depth: \_\_\_\_\_

Fish in Hole:  Yes  No If yes, explain details below

Wellbore has Uncemented Casing leaks:  Yes  No If yes, explain details below

Details: \_\_\_\_\_

**Current and Previously Abandoned Zones**

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| SUSSEX    | 4296      | 4368      | 12/20/2010     | SQUEEZED            | 4296       |
| CODELL    | 6836      | 6852      | 03/26/2021     | BRIDGE PLUG         | 5924       |
| NIOBRARA  | 6564      | 6718      | 03/26/2021     | BRIDGE PLUG         | 5924       |

Total: 3 zone(s)

**Casing History**

| Casing Type | Size of Hole | Size of Casing | Grade | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top | Status |
|-------------|--------------|----------------|-------|-------|---------------|---------------|-----------|---------|---------|--------|
| SURF        | 12+1/4       | 8+5/8          | NA    | 23    |               | 775           | 540       | 775     | 0       | VISU   |
| 1ST         | 7+7/8        | 3+1/2          | WC70  | 7.7   |               | 6992          | 165       | 6992    | 6110    | CBL    |
| S.C. 1.1    |              |                |       |       |               | 6992          | 265       | 4562    | 3720    | CBL    |

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5924 with 0 sacks cmt on top. CIBP #2: Depth 4246 with 2 sacks cmt on top.  
 CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #4: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
 CIBP #5: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 5 sks cmt from 5480 ft. to 5430 ft. Plug Type: CASING Plug Tagged:   
 Set 20 sks cmt from 2400 ft. to 2000 ft. Plug Type: CASING Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at 5890 ft. with 0 sacks. Leave at least 100 ft. in casing 5840 CICR Depth  
 Perforate and squeeze at 5530 ft. with 40 sacks. Leave at least 100 ft. in casing 5480 CICR Depth  
 Perforate and squeeze at 2500 ft. with 170 sacks. Leave at least 100 ft. in casing 2400 CICR Depth

(Cast Iron Cement Retainer Depth)

Set 390 sacks half in. half out surface casing from 975 ft. to 0 ft. Plug Tagged:   
 Set \_\_\_\_\_ sacks at surface  
 Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker:  Yes  No  
 Set \_\_\_\_\_ sacks in rat hole Set \_\_\_\_\_ sacks in mouse hole

### Additional Plugging Information for Subsequent Report Only

Casing Recovered: 975 ft. of 3+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 76  
 Surface Plug Setting Date: 03/31/2021 Cut and Cap Date: 06/15/2021  
 \*Wireline Contractor: SPN \*Cementing Contractor: SPN  
 Type of Cement and Additives Used: Class G Neat  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

#### Technical Detail/Comments:

COA for as drill GPS has been addressed and updated to: 40.256139, -104.511626  
 Procedure email attached.  
 CBL Attached.

TBG Punch @ 6460'  
 Perf @ 5790' and 5890' for CICR @ 5840'  
 Perf @ 5530' and 5430' for CICR @ 5480'  
 Perf @ 2500' and 2000' for CICR @ 2400'  
 CSG Cut/Pull @ 975'

Form 17 DocNum: 402639588  
 Form 27 DocNum: 402686652  
 Form 42 DocNum: 402633485  
 Form 43 DocNum: 402705905  
 Form 44 DocNum: 402060665

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

Signed: \_\_\_\_\_ Print Name: Lauren Hoff  
 Title: HSE Reg Affairs Coord Date: 7/19/2021 Email: DenverRegulatory@nblenergy.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: Jacobson, Eric Date: 10/29/2021

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

| <b><u>COA Type</u></b> | <b><u>Description</u></b> |
|------------------------|---------------------------|
| 0 COA                  |                           |

**Attachment List**

| <b><u>Att Doc Num</u></b> | <b><u>Name</u></b>          |
|---------------------------|-----------------------------|
| 402749555                 | FORM 6 SUBSEQUENT SUBMITTED |
| 402749578                 | CEMENT JOB SUMMARY          |
| 402749579                 | OPERATIONS SUMMARY          |
| 402749581                 | WELLBORE DIAGRAM            |
| 402749582                 | WIRELINE JOB SUMMARY        |
| 402749583                 | OTHER                       |
| 402751075                 | CEMENT BOND LOG             |

Total Attach: 7 Files

**General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>                                      | <b><u>Comment Date</u></b> |
|--------------------------|--|----------------------------|
| Engineer                 | Form 43 (Submitted) - In Process<br>Form 44 Doc# 402060665 | 10/28/2021                 |

Total: 1 comment(s)