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402929594

Date Received:
01/18/2022

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: 2001 16TH STREET SUITE 900 Fax: _____
 City: DENVER State: CO Zip: 80202 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 05-123-16329-00
 Well Name: CARLSON Well Number: 23-1F
 Location: QtrQtr: NENE Section: 23 Township: 4N Range: 66W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 66773
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.303130 Longitude: -104.737520
 GPS Data: GPS Quality Value: 2.5 Type of GPS Quality Value: PDOP Date of Measurement: 07/06/2006

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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| CODELL | 7229 | 7244 | 09/28/2021 | B PLUG CEMENT TOP | 6869 |
| NIOBRARA | 6919 | 7036 | 09/28/2021 | B PLUG CEMENT TOP | 6869 |

Total: 2 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 | J55 | 24 | | 537 | 262 | 537 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | M75 | 11.6 | | 7345 | 370 | 7345 | 6572 | CBL |
| S.C. 1.1 | | | | | | 6572 | 170 | 4890 | 4200 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6869 with 2 sacks cmt on top. CIBP #2: Depth _____ with _____ 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 4099 ft. to 4049 ft. Plug Type: CASING Plug Tagged:
 Set 35 sks cmt from 2400 ft. to 2000 ft. Plug Type: CASING Plug Tagged:
 Set 60 sks cmt from 737 ft. to 637 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: OPEN HOLE Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 4149 ft. with 35 sacks. Leave at least 100 ft. in casing 4099 CICR Depth
 Perforate and squeeze at 2500 ft. with 155 sacks. Leave at least 100 ft. in casing 2400 CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 278 sacks half in. half out surface casing from 637 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: 737 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 88
 Surface Plug Setting Date: 10/01/2021 Cut and Cap Date: 12/28/2021

*Wireline Contractor: APLUS *Cementing Contractor: APLUS

Type of Cement and Additives Used: Class G Neat

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

This Well is Required to have BH Mitigation Verbiage:
 CARLSON 23-01F (05-123-16329):
 This well was added to our P&A Abatement program on 5/10/2021. No abatements were ever scheduled given pressure did not exceed the 25-psi action pressure threshold. A Form 17 was completed on 9/27/2021 with a starting pressure of 18 psi and an ending pressure of 0 psi. The P&A operations started 9/27/2021 and the rig pumped the surface plug on 10/1/2021.

Perfs @ 4149' and 4049' for CICR @ 4099'
 Perfs @ 2500' and 2000' for CICR @ 2400'
 Cut/Pull CSG @ 737'

Form 4 (BH) DocNum: 402672259
 Form 17 DocNum: 402824376
 Form 27 DocNum: 402776341
 Form 42 DocNum: 402816352
 Form 43 DocNum: 402865892
 Form 44 DocNum: Flowline will be abandoned.

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: 1/18/2022 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: 8/17/2022

CONDITIONS OF APPROVAL, IF ANY: _____

Condition of Approval

| COA Type | Description |
|-----------------|--------------------|
| 0 COA | |

Attachment List

| Att Doc Num | Name |
|--------------------|-----------------------------|
| 402929594 | FORM 6 SUBSEQUENT SUBMITTED |
| 402929610 | CEMENT JOB SUMMARY |
| 402929611 | OPERATIONS SUMMARY |
| 402929612 | WELLBORE DIAGRAM |
| 402929613 | WIRELINE JOB SUMMARY |

Total Attach: 5 Files

General Comments

| User Group | Comment | Comment Date |
|-------------------|----------------|---------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)