FORM 6 Rev 05/18

# State of Colorado
# Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

| DE | ET | OE | ES |
|---|---|---|---|
| | | | |

Document Number: 401853647

Date Received: 11/30/2018

## 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: 10110 Contact Name: Renee Kendrick

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (720) 595-2114

Address: 1001 17TH STREET #2000 Fax:

City: DENVER State: CO Zip: 80202 Email: rkendrick@gwogco.com

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

API Number 05-001-08851-00

Well Name: SELTZER Well Number: 1-4

Location: QtrQtr: NENE Section: 4 Township: 1S Range: 67W Meridian: 6

County: ADAMS Federal, Indian or State Lease Number:

Field Name: WATTENBERG Field Number: 90750

☐ Notice of Intent to Abandon ☒ Subsequent Report of Abandonment

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

Latitude: 39.997660 Longitude: -104.887930

GPS Data:

Date of Measurement: 06/20/2007 PDOP Reading: 4.3 GPS Instrument Operator's Name: Paul Tappy

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 | 7892 | 7900 | 11/05/2018 | B PLUG CEMENT TOP | 7380 |
| NIOBRARA | 7468 | 7750 | 11/05/2018 | B PLUG CEMENT TOP | 7380 |
| J SAND | 8334 | 8368 | 11/05/2018 | B PLUG CEMENT TOP | 8280 |

Total: 3 zone(s)

## Casing History

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bot | Cement Top | Status |
|---|---|---|---|---|---|---|---|---|
| SURF | 12+1/2 | 8+5/8 | 24 | 301 | 200 | 301 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 8,471 | 718 | 8,471 | 4,130 | CBL |
| | | | Stage Tool | 1,218 | 375 | 1,218 | 0 | CBL |

# Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8280 with 2 sacks cmt on top. CIPB #2: Depth 7380 with _____ sacks cmt on top.

CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 25 sks cmt from 7380 ft. to 7051 ft. Plug Type: CASING Plug Tagged: ☐

Set 25 sks cmt from 5000 ft. to 4670 ft. Plug Type: CASING Plug Tagged: ☐

Set 10 sks cmt from 2400 ft. to 2268 ft. Plug Type: CASING Plug Tagged: ☐

Set 125 sks cmt from 1300 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 2500 ft. with 65 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

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ 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: _____ ft. of _____ inch casing Plugging Date: 11/07/2018

*Wireline Contractor: KLX Energy Svcs *Cementing Contractor: C&J Energy Svcs

Type of Cement and Additives Used: Class G

Flowline/Pipeline has been abandoned per Rule 1105 ☒ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: _____ Print Name: Renee Kendrick

Title: Senior Regulatory Analyst Date: 11/30/2018 Email: rkendrick@gwogco.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: Strathman, Elliot Date: 3/14/2019

**CONDITIONS OF APPROVAL, IF ANY:**

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

# Attachment Check List

| Att Doc Num | Name |
|---|---|
| 401853647 | FORM 6 SUBSEQUENT SUBMITTED |
| 401853874 | CEMENT JOB SUMMARY |
| 401853875 | WELLBORE DIAGRAM |
| 401853876 | WIRELINE JOB SUMMARY |

Total Attach: 4 Files

## General Comments

| User Group | Comment | Comment Date |
|---|---|---|
| Engineer | Primary cement job had a top of 6810'. There is some form of stage cement showing with a top at 4130'. Cannot see the bottom of it on the CBL. Then the DV tool at 1218'. | 02/06/2019 |

Total: 1 comment(s)