

FORM  
6Rev  
02/20State 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:

402498277

Date Received:

09/28/2020

## 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: Kapri McMillan

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Phone: (970) 364-2826

Address: 1001 17TH STREET #2000

Fax:

City: DENVER State: CO Zip: 80202

Email: kmcmillan@gwp.com

For "Intent" 24 hour notice required,

Name:

Tel:

COGCC contact:

Email:

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

API Number 05-123-27277-00

Well Name: GREAT WESTERN

Well Number: 27-43

Location: QtrQtr: NESE Section: 27 Township: 6N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

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

Latitude: 40.454860 Longitude: -104.873780

GPS Data: GPS Quality Value: 3.5 Type of GPS Quality Value: Date of Measurement: 05/03/2007

GPS Instrument Operator's Name: L. ROBBINS

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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    | 7134      | 7154      | 01/17/2017     | BRIDGE PLUG         | 6717       |
| NIOBRARA  | 6826      | 7031      | 01/17/2017     | BRIDGE PLUG         | 6717       |

Total: 2 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+1/4       | 8+5/8          | 24              | 401           | 330          | 401        | 0          | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,268         | 170          | 7,268      | 6,310      | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 25 sks cmt from 6717 ft. to 6283 ft. Plug Type: CASING Plug Tagged: ☐  
Set 10 sks cmt from 4200 ft. to 3986 ft. Plug Type: CASING Plug Tagged: ☐  
Set 55 sks cmt from 2571 ft. to 2155 ft. Plug Type: STUB PLUG Plug Tagged: ☐  
Set 86 sks cmt from 1219 ft. to 833 ft. Plug Type: OPEN HOLE Plug Tagged: ☒  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Perforate and squeeze at 4300 ft. with 40 sacks. Leave at least 100 ft. in casing 4200 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 290 sacks half in. half out surface casing from 833 ft. to 0 ft. Plug Tagged: ☐

Set 30 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: 2500 ft. of 4+1/2 inch casing Cut and Cap Date: 09/02/2020

\*Wireline Contractor: STS

\*Cementing Contractor: Swabbco

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105 ☒ Yes ☐ No

Technical Detail/Comments:

At the beginning of operations, the bradenhead pressure was 55 psi and flowed oil. After shooting holes and performing the circulation squeeze, we cut & pulled casing from 2500' and pumped the stub plug. The next morning there was 12 psi and no flow from the bradenhead. We assumed the pressure was thermal expansion as it did not rebuild, but we pumped the 86 sx plug from 1219' to ETOC 749' and WOC 4 hours to verify no flow. After the 4 hour wait, there was no pressure or flow so we completed the P&A.

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: SR Regulatory Analyst Date: 9/28/2020 Email: rkendrick@gwp.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: 12/28/2020

### CONDITIONS OF APPROVAL, IF ANY:

**COA Type** **Description**

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

### **Attachment List**

| <b><u>Att Doc Num</u></b> | <b><u>Name</u></b>          |
|---------------------------|-----------------------------|
| 402498277                 | FORM 6 SUBSEQUENT SUBMITTED |
| 402498321                 | WELLBORE DIAGRAM            |
| 402498322                 | CEMENT JOB SUMMARY          |
| 402498323                 | WIRELINER JOB SUMMARY       |
| 402498326                 | CEMENT BOND LOG             |
| 402498342                 | GYRO SURVEY                 |

Total Attach: 6 Files

### **General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>    | <b><u>Comment Date</u></b> |
|--------------------------|--------------------------|----------------------------|
| Engineer                 | Need one month PA status | 09/28/2020                 |

Total: 1 comment(s)