

Document Number:  
 402460107  
 Date Received:  
 08/05/2020

**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: kcmcmillan@gwp.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 05-123-35430-00  
 Well Name: H-Y Well Number: 20-23-18  
 Location: QtrQtr: NENW Section: 29 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: 40.463139 Longitude: -104.919513  
 GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 07/25/2012  
 GPS Instrument Operator's Name: Deb Schwartz  
 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	7617	7632	11/01/2017	B PLUG CEMENT TOP	7245
NIOBRARA	7304	7513	11/01/2017	B PLUG CEMENT TOP	7245

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	875	660	875	0	VISU
1ST	7+7/8	4+1/2	11.6	7,754	600	7,754	2,020	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 7168 ft. to 6732 ft. Plug Type: CASING Plug Tagged:   
Set 25 sks cmt from 4413 ft. to 4083 ft. Plug Type: CASING Plug Tagged:   
Set 55 sks cmt from 1857 ft. to 1534 ft. Plug Type: STUB PLUG Plug Tagged:   
Set 111 sks cmt from 1533 ft. to 885 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
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  
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 885 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: 1800 ft. 4+1/2 inch casing Cut and Cap Date: 07/08/2020  
of  
\*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 had 50 psi and flowed water. After cutting and pulling the casing and pumping the stub plug, we SDFN. The next morning there was 9.8 psi on the bradenhead but no flow and the pressure bled off immediately and did not build back up thus we determined it was thermal expansion from the plug pumped the day before. We tagged that plug at 1534' and PU to 1221' and pumped 50 sx AGM to approx 925' and WOC 4 hours. When we were tagging that plug, we did not find it and again tagged at 1534' - we have to assume a formation drank up the cement. So we pumped another plug from 1533' to est TOC at 925' and SDFN. The next morning the bradenhead was on a slight vacuum and no water flow was observed. We tagged the plug at 885' and pumped from there to surface with 290 sx Class G + 2%CaCl<sub>2</sub> and topped off with 30 sx

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: 8/5/2020 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: 10/22/2020

#### CONDITIONS OF APPROVAL, IF ANY:

#### COA Type

#### Description

COA Type	Description

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402460107	FORM 6 SUBSEQUENT SUBMITTED
402460145	GYRO SURVEY
402460147	CEMENT JOB SUMMARY
402460159	WIRELINE JOB SUMMARY
402460330	WELLBORE DIAGRAM

Total Attach: 5 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)