

**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.

Document Number:  
 402773830  
 Date Received:

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: \_\_\_\_\_  
 Email: \_\_\_\_\_  
**COGCC contact:**

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

API Number 05-001-07092-00  
 Well Name: FREEMAN Well Number: 1-A  
 Location: QtrQtr: SWSE Section: 31 Township: 1S Range: 66W Meridian: 6  
 County: ADAMS Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: BUGLE Field Number: 7800

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

Latitude: 39.917341 Longitude: -104.814800  
 GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 02/05/2021  
 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
D SAND	8180	8190	01/19/1996	CEMENT	8180

Total: 1 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		24	0	181	200	181	0	CALC
1ST	7+7/8	4+1/2		11.6	0	8253	250	8253	6882	CALC
				Stage Tool		1314	250	1314	0	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8100 with 25 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 15 sks cmt from 7182 ft. to 6919 ft. Plug Type: CASING Plug Tagged:   
 Set 10 sks cmt from 5205 ft. to 4987 ft. Plug Type: CASING Plug Tagged:   
 Set 185 sks cmt from 4985 ft. to 2267 ft. Plug Type: CASING Plug Tagged:   
 Set 15 sks cmt from 2170 ft. to 1972 ft. Plug Type: CASING Plug Tagged:   
 Set 150 sks cmt from 1952 ft. to 0 ft. Plug Type: CASING Plug Tagged:

Perforate and squeeze at 7280 ft. with 55 sacks. Leave at least 100 ft. in casing 7182 CICR Depth  
 Perforate and squeeze at 5300 ft. with 30 sacks. Leave at least 100 ft. in casing 5205 CICR Depth  
 Perforate and squeeze at 2265 ft. with 50 sacks. Leave at least 100 ft. in casing 2170 CICR Depth  
 (Cast Iron Cement Retainer Depth)

Set \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Tagged:   
 Set 35 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 7  
 Surface Plug Setting Date: 07/02/2021 Cut and Cap Date: 07/09/2021

\*Wireline Contractor: STS \*Cementing Contractor: Swabbc

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

Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

**Technical Detail/Comments:**

After running the CBL, we opted to perform a circulation squeeze to provide further coverage over the Niobrara, agreed upon by Eric Jacobson. No migration was observed before pumping the plug at 1400'

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: \_\_\_\_\_ 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: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

COA Type	Description

### Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402773858	CEMENT BOND LOG
402773860	CEMENT JOB SUMMARY
402773861	WIRELINER JOB SUMMARY
402773866	WELLBORE DIAGRAM

Total Attach: 4 Files

### General Comments

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

Total: 0 comment(s)