

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:
402763447

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: _____

COGCC contact: Email: _____

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

API Number 05-001-06964-00

Well Name: FREEMAN D Well Number: 1

Location: QtrQtr: NESE 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: 39.919854 Longitude: -104.811048

GPS Data: GPS Quality Value: 5.1 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	8174	8182	10/04/2000	B PLUG CEMENT TOP	8125

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	271	300	271	0	VISU
1ST	7+7/8	4+1/2		11.6	0	8369	300	8369	6711	CALC
				Stage Tool		1357	250	1357	835	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7400 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 25 sks cmt from 8062 ft. to 7465 ft. Plug Type: CASING Plug Tagged:
Set 10 sks cmt from 7048 ft. to 6874 ft. Plug Type: CASING Plug Tagged:
Set 5 sks cmt from 4814 ft. to 4699 ft. Plug Type: CASING Plug Tagged:
Set 5 sks cmt from 2300 ft. to 2194 ft. Plug Type: CASING Plug Tagged:
Set 56 sks cmt from 1399 ft. to 884 ft. Plug Type: CASING Plug Tagged:

Perforate and squeeze at 7140 ft. with 40 sacks. Leave at least 100 ft. in casing 7048 CICR Depth
Perforate and squeeze at 4900 ft. with 30 sacks. Leave at least 100 ft. in casing 4814 CICR Depth
Perforate and squeeze at 2400 ft. with 30 sacks. Leave at least 100 ft. in casing 2300 CICR Depth

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged:

Set 5 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
Surface Plug Setting Date: 06/17/2021 Cut and Cap Date: 06/29/2021 to Capping or Sealing the Well: 12

*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:

Squeezed 42 sx from 873 to 0' in annulus
Set CICR @ 311' pumped 30 sx thru
Set 5 sx from 311' to 280' in casing
Set 25 sx from 280' to 0' in casing

After running the CBL, we opted to perform a circulation squeeze to provide further coverage over the Niobrara, agreed upon by Diana Burn. Then after pumping the original plug to surface, the well was bubbling a small amount of gas, so we drilled out to 407' and circulated the well clean and verified no migration. We set a CICR at 311' (above the original P&A perfs at 370') and cemented to surface

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:

<u>COA Type</u>	<u>Description</u>

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402763547	WELLBORE DIAGRAM
402763549	CEMENT JOB SUMMARY
402763553	WIRELINE JOB SUMMARY
402763555	CEMENT BOND LOG

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)