

FORM

6

Rev
11/20

State of Colorado

Oil and Gas Conservation Commission

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



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Replug By Other Operator

Document Number:

402763447

Date Received:

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 05-001-06964-00

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

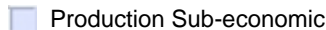
Longitude: -104.811048

GPS Data: GPS Quality Value: 5.1

Type of GPS Quality Value: PDOP

Date of Measurement: 02/05/2021

Reason for Abandonment:


☐ Other

Casing to be pulled:



Estimated Depth:

Fish in Hole:



If yes, explain details below

Wellbore has Uncemented Casing leaks:



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 <u>25</u> sks cmt from <u>8062</u> ft. to <u>7465</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>10</u> sks cmt from <u>7048</u> ft. to <u>6874</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>5</u> sks cmt from <u>4814</u> ft. to <u>4699</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>5</u> sks cmt from <u>2300</u> ft. to <u>2194</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>56</u> sks cmt from <u>1399</u> ft. to <u>884</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>

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

Surface Plug Setting Date: 06/17/2021 Cut and Cap Date: 06/29/2021 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 12

*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:

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)