

FORM 6

Rev 02/20

State of Colorado

Oil and Gas Conservation Commission

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



DE ET OE ES

Document Number:

402398546

Date Received:

05/14/2020

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: Michael Andrews
Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (970) 364-2811
Address: 1001 17TH STREET #2000 Fax:
City: DENVER State: CO Zip: 80202 Email: mandrews@gwp.com

For "Intent" 24 hour notice required, Name: Tel:
COGCC contact: Email:

Type of Well Abandonment Report: [] Notice of Intent to Abandon [X] Subsequent Report of Abandonment

API Number 05-123-24283-00 Well Name: GREAT WESTERN Well Number: 27-31
Location: QtrQtr: SENE 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: 40.461440 Longitude: -104.874780
GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: Date of Measurement: 02/21/2007
GPS Instrument Operator's Name: L. ROBBINS

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

Table with 6 columns: Formation, Perf. Top, Perf. Btm, Abandoned Date, Method of Isolation, Plug Depth. Rows include CODELL and NIOBRARA.

Total: 2 zone(s)

Casing History

Table with 9 columns: Casing Type, Size of Hole, Size of Casing, Weight Per Foot, Setting Depth, Sacks Cement, Cement Bot, Cement Top, Status. Rows include SURF and 1ST.

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 6719 ft. to 6287 ft. Plug Type: CASING Plug Tagged:
Set 5 sks cmt from 3650 ft. to 3585 ft. Plug Type: CASING Plug Tagged:
Set 100 sks cmt from 2550 ft. to 2208 ft. Plug Type: STUB PLUG Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Perforate and squeeze at 4000 ft. with 95 sacks. Leave at least 100 ft. in casing 3650 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 435 sacks half in. half out surface casing from 1300 ft. to 0 ft. Plug Tagged:
Set _____ 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: 04/22/2020
*Wireline Contractor: STS *Cementing Contractor: NexTier
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Procedure:

- 1 MIRU
- 2 NDWH/NUBOP
- 3 Blow down thru flowback and kill well
- 4 Pressure test csg to 500psi
- 5 Pumped 25 sx Thermal 35 on top of plug at 6748 ft, POOH
- 6 Perf at 4000 ft and 3600 ft
- 7 Set CICR at 3650 ft
- 8 Pumped 95sx thru CICR, Leave 5sx on CICR
- 9 Shut down over night make sure no fluid migration
- 10 Cut & pull casing @ 2500'
- 11 Pumped stub plug from 2550' w/ 100 sx Class G AGM 4,2
- 12 Tag plug at 2208 ft
- 13 Pump surface plug from 1300' to surface w/ 435 sx
- 14 RDMO

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: 5/14/2020 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.

CONDITIONS OF APPROVAL, IF ANY:

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402398546	FORM 6 SUBSEQUENT SUBMITTED
402398579	CEMENT JOB SUMMARY
402398583	WELLBORE DIAGRAM
402398585	WIRELINE JOB SUMMARY

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)