

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



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Document Number:

402498277

Date Received:

09/28/2020

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: 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 05-123-27277-00 Well Name: GREAT WESTERN Well Number: 27-43
Location: QtrQtr: NESE 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: 40.454860 Longitude: -104.873780
GPS Data: GPS Quality Value: 3.5 Type of GPS Quality Value: Date of Measurement: 05/03/2007
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

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7134	7154	01/17/2017	BRIDGE PLUG	6717
NIOBRARA	6826	7031	01/17/2017	BRIDGE PLUG	6717

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	401	330	401	0	VISU
1ST	7+7/8	4+1/2	11.6	7,268	170	7,268	6,310	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 6717 ft. to 6283 ft. Plug Type: CASING Plug Tagged:
 Set 10 sks cmt from 4200 ft. to 3986 ft. Plug Type: CASING Plug Tagged:
 Set 55 sks cmt from 2571 ft. to 2155 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 86 sks cmt from 1219 ft. to 833 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 4300 ft. with 40 sacks. Leave at least 100 ft. in casing 4200 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 833 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: 2500 ft. 4+1/2 inch casing Cut and Cap Date: 09/02/2020
 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 pressure was 55 psi and flowed oil. After shooting holes and performing the circulation squeeze, we cut & pulled casing from 2500' and pumped the stub plug. The next morning there was 12 psi and no flow from the bradenhead. We assumed the pressure was thermal expansion as it did not rebuild, but we pumped the 86 sx plug from 1219' to ETOC 749' and WOC 4 hours to verify no flow. After the 4 hour wait, there was no pressure or flow so we completed the P&A.

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: 9/28/2020 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: 12/28/2020

CONDITIONS OF APPROVAL, IF ANY: _____

COA Type	Description

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402498277	FORM 6 SUBSEQUENT SUBMITTED
402498321	WELLBORE DIAGRAM
402498322	CEMENT JOB SUMMARY
402498323	WIRELINE JOB SUMMARY
402498326	CEMENT BOND LOG
402498342	GYRO SURVEY

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Need one month PA status	09/28/2020

Total: 1 comment(s)