

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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Date Received:

08/05/2020

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: kcmcmillan@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 05-123-35428-00
 Well Name: H-Y Well Number: 20-24
 Location: QtrQtr: NENW Section: 29 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: 40.463094 Longitude: -104.919569
 GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: _____ Date of Measurement: 07/25/2012
 GPS Instrument Operator's Name: D. Schwartz
 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	7338	7353	08/31/2017	B PLUG CEMENT TOP	6976
NIOBRARA	7026	7230	08/31/2017	B PLUG CEMENT TOP	6976
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	859	670	859	0	VISU
1ST	7+7/8	4+1/2	11.6	7,470	575	7,470	2,000	CBL

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 6955 ft. to 6538 ft. Plug Type: CASING Plug Tagged:
 Set 25 sks cmt from 4202 ft. to 3872 ft. Plug Type: CASING Plug Tagged:
 Set 56 sks cmt from 1869 ft. to 1626 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 54 sks cmt from 1220 ft. to 970 ft. Plug Type: OPEN HOLE Plug Tagged:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
 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
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)

Set 317 sacks half in. half out surface casing from 970 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: 1803 ft. 4+1/2 inch casing Cut and Cap Date: 07/08/2020
 *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 had 33 psi and a gas head. After cutting and pulling the casing and pumping the stub plug, we SDFN. The next morning there was 14.3 psi on the bradenhead and water flow. We tagged that plug at 1626' and PU to 1220' and pumped 54 sx AGM to approx 925' and WOC 4 hours. The bradenhead was on a vacuum and no flow. When we were tagging that plug, we did not find it - we have to assume a formation drank up the cement. So we pumped another plug from 1220' to est TOC at 925' and WOC 4 hours. The bradenhead still had no flow. We tagged the plug at 970' and pumped from there to surface with 317 sx Class G + 2%CaCl2 and topped off with 30 sx

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: 8/5/2020 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: 10/22/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402460283	FORM 6 SUBSEQUENT SUBMITTED
402460312	CEMENT JOB SUMMARY
402460313	GYRO SURVEY
402460314	WELLBORE DIAGRAM
402460315	WIRELINE JOB SUMMARY

Total Attach: 5 Files

General Comments

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

Total: 0 comment(s)