

FORM  
6Rev  
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:

402438959

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 05-123-26173-00

Well Name: WINDSOR

Well Number: 35-2

Location: QtrQtr: NWSW

Section: 35

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: 40.442660

Longitude: -104.867590

GPS Data: GPS Quality Value: 2.2 Type of GPS Quality Value: Date of Measurement: 01/03/2014

GPS Instrument Operator's Name: C. VANMATRE

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	7064	7084	05/21/2020	B PLUG CEMENT TOP	7000

Total: 1 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	503	350	503	0	CALC
1ST	7+7/8	4+1/2	11.6	7,197	542	7,197	3,466	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7000 with 25 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>4200</u> ft. to <u>3870</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>10</u> sks cmt from <u>3300</u> ft. to <u>2987</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>48</u> sks cmt from <u>2360</u> ft. to <u>2050</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set <u>40</u> sks cmt from <u>2050</u> ft. to <u>1860</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set <u>100</u> sks cmt from <u>1200</u> ft. to <u>865</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 3400 ft. with 60 sacks. Leave at least 100 ft. in casing 3300 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 182 sacks half in. half out surface casing from 865 ft. to 0 ft. Plug Tagged: ☐

Set 15 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: 2310 ft. of 4+1/2 inch casing Cut and Cap Date: 06/17/2020

\*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:

After cutting and pulling casing from 2310', we pumped a stub plug from 2360' and shut down for the night. The next morning, we tagged the plug at 2050'. Upon opening the bradenhead, it was 54 psi and a large gas head. After talking to Steve, we opted to move the rig and monitor the pressure from the bradenhead. Over the next six days, the morning pressure gradually reduced each day and the gas was reduced. We brought the rig back and pumped 40 sx Thixo from the tag at 2050' and shut down for the night - we started the day with 31 psi and ended with 28 psi. There was still pressure the next day so we moved the rig again to continue monitoring the well for the next 17 days. The bradenhead pressure stayed consistent around 30 psi and flowed water with trace gas for several days before returning with the rig. We tagged the previous plug at 1860' and PU to 1200' to pump a water shut off plug from 1200' to ~700', WOC 4 hours, tagged plug at 865', water was shut off. We finished plugging the well from 865', P&A complete.

A form 7 to correct production reporting was submitted on 5/1/2020 doc # 402387747

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 Check List**

<u>Att Doc Num</u>	<u>Name</u>
402438969	CEMENT BOND LOG
402438971	GYRO SURVEY
402438972	CEMENT JOB SUMMARY
402438973	WELLBORE DIAGRAM
402438974	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)