

FORM
6Rev
12/05

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:

400985963

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: Ty Woodworth

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Phone: (970) 274-9254

Address: 1801 BROADWAY #500

Fax:

City: DENVER

State: CO

Zip: 80202

Email: twoodworth@gwogco.com

For "Intent" 24 hour notice required,

Name: Gomez, Jason

Tel: (970) 573-1277

COGCC contact:

Email: jason.gomez@state.co.us

API Number 05-123-24314-00

Well Name: GREAT WESTERN

Well Number: 27-23

Location: QtrQtr: SWSW

Section: 27

Township: 6N

Range: 67W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.453580

Longitude: -104.887810

GPS Data:

Date of Measurement: 09/17/2007

PDOP Reading: 2.5

GPS Instrument Operator's Name: L. ROBBINS

Reason for Abandonment:

☐ Dry☐ Production Sub-economic☒ Mechanical Problems☐ OtherCasing 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: 2 3/8" tbg fish from 6620 ft to approx 7300 ft. A substantial amount of time was spent in August 2015 trying to retrieve fish. A hole in the casing was also found between 4732 ft and 4748 ft. At this time we contacted COGCC in email dated 8/20/2015 and received verbal approval to set a CIBP w/ 2sx at 6612 ft and wait to abandon on 2016. A Form 4 and Form 5 (400888130 and 400895585) was submitted reflecting the wellbore change and TA status.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NIOBRARA-CODELL	7038	7374	08/21/2015	BRIDGE PLUG	6612

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	448	380	448	0	VISU
1ST	7+7/8	4+1/2	11.6	7,520	180	7,520	6,380	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6612 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 38 sks cmt from 500 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ 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 4732 ft. with 110 sacks. Leave at least 100 ft. in casing 4630 CICR Depth

Perforate and squeeze at 1300 ft. with 325 sacks. Leave at least 100 ft. in casing 1200 CICR Depth

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ 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: _____ ft. of _____ inch casing Plugging Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

2 3/8" tbg fish from 6620 ft to approx 7300 ft. A substantial amount of time was spent in August 2015 trying to retrieve fish. A hole in the casing was also found between 4732 ft and 4748 ft. At this time we contacted COGCC in email dated 8/20/2015 and received verbal approval to set a CIBP w/ 2sx at 6612 ft and wait to abandon on 2016. A Form 4 and Form 5 (400888130 and 400895585) was submitted reflecting the wellbore change and TA status.

We have now gotten the internal approval to abandon this well.

We will leave the CIBP w/ 2 sx at 6612 ft.

Set CICR at 4630 ft and sqz hole in casing at 4732 ft w/ 110 sx.

Perf at 1300 ft (to cover Upper Pierre) and circulate approx 325 sx cement to surface thru CICR at 1200 ft.

Place approx 38 sx balanced plug across shoe from 500 ft 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: Ty Woodworth

Title: Prod Eng Lead Date: _____ Email: twoodworth@gwogco.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: _____

Expiration Date: _____

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400988302	WIRELINE JOB SUMMARY
400988303	OTHER
400988307	OTHER
400988317	WELLBORE DIAGRAM
400988318	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)