

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



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Document Number:

402398719

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 ☒ Subsequent Report of Abandonment

API Number 05-123-24122-00

Well Name: GREAT WESTERN

Well Number: 27-51

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: 40.461420 Longitude: -104.874750

GPS Data: GPS Quality Value: 1.9 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☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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 | 7116 | 7136 | 03/20/2020 | B PLUG CEMENT TOP | 6727 |
| NIOBRARA | 6804 | 7040 | 03/20/2020 | B PLUG CEMENT TOP | 6727 |

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 | 411 | 330 | 411 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 7,263 | 185 | 7,263 | 6,150 | 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 | 6720 | ft. to | 6288 | ft. | Plug Type: | CASING | Plug Tagged: | <input type="checkbox"/> |
| Set | 5 | sks cmt from | 3650 | ft. to | 3573 | ft. | Plug Type: | CASING | Plug Tagged: | <input type="checkbox"/> |
| Set | 120 | sks cmt from | 2550 | ft. to | 2145 | ft. | Plug Type: | STUB PLUG | Plug Tagged: | <input type="checkbox"/> |
| Set | | sks cmt from | | ft. to | | ft. | Plug Type: | | Plug Tagged: | <input type="checkbox"/> |
| Set | | sks cmt from | | ft. to | | ft. | Plug Type: | | Plug Tagged: | <input type="checkbox"/> |

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 409 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 Pressure test csg to 500psi
- 4 Pump 25 sx Thermal 35 on top of plug at 6727 ft, POOH
- 5 Perf at 4000 ft and 3600 ft
- 6 Set CICR at 3650 ft
- 7 Pump 95sx thru and Leave 5sx on CICR
- 8 Wait overnight
- 9 Cut & pull casing @ 2500 ft
- 10 Pump stub plug from 2550 ft w/ 120 sx AGM 2,4 to 2145 ft (tag)
- 11 Shut down overnight
- 12 Tag plug
- 13 Pump 409sx from 1300 ft to surface
- 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.

COGCC Approved: Jacobson, Eric

Date: 10/7/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

| | |
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| | |
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Attachment Check List

Att Doc Num

Name

| | |
|-----------|-----------------------------|
| 402398719 | FORM 6 SUBSEQUENT SUBMITTED |
| 402398780 | CEMENT JOB SUMMARY |
| 402398781 | WELLBORE DIAGRAM |
| 402398782 | WIRELINE JOB SUMMARY |

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

| | | |
|--|--|---------------------|
| | | Stamp Upon Approval |
|--|--|---------------------|

Total: 0 comment(s)