

FORM
6Rev
05/18

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:

402156520

Date Received:

08/27/2019

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: Renee Kendrick

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Phone: (720) 595-2114

Address: 1001 17TH STREET #2000

Fax:

City: DENVER State: CO Zip: 80202

Email: rkendrick@gwogco.com

For "Intent" 24 hour notice required,

Name: Tel:

COGCC contact:

Email:

API Number 05-123-05482-00

Well Name: UPRR

Well Number: 13

Location: QtrQtr: NWNW Section: 31 Township: 8N Range: 66W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: BLACK HOLLOW

Field Number: 6835

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.623460

Longitude: -104.829100

GPS Data:

Date of Measurement: 04/10/2006

PDOP Reading: 6.0

GPS Instrument Operator's Name: LUKE MATZKE

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:

Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| LYONS | 9012 | 9047 | 07/25/2019 | CEMENT | 6700 |

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 |
|-------------|--------------|----------------|-----------------|---------------|--------------|------------|------------|--------|
| CONDUCTOR | 24 | 18 | | 37 | 165 | 37 | 0 | VISU |
| SURF | 12+1/4 | 9+5/8 | 36 | 317 | 225 | 317 | 0 | VISU |
| 1ST | 7+7/8 | 5+1/2 | 17 | 9,085 | 450 | 9,085 | 6,915 | CALC |

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 | 190 | sks cmt from | 6700 | ft. to | 5043 | ft. | Plug Type: | CASING | Plug Tagged: | <input type="checkbox"/> |
| Set | 60 | sks cmt from | 2500 | ft. to | 1970 | ft. | Plug Type: | CASING | Plug Tagged: | <input type="checkbox"/> |
| Set | 100 | sks cmt from | 1000 | ft. to | 0 | ft. | Plug Type: | CASING | 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 6708 ft. with 60 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 2500 ft. with 70 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 1000 ft. with 450 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 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: 0 ft. _____ inch casing Cut and Cap Date: 07/30/2019

*Wireline Contractor: KLX

*Cementing Contractor: C&J

Type of Cement and Additives Used: Class G

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☒ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

During routine maintenance tubing was stuck and had to be cut after several days of fishing it was determined that casing collapsed around 6708'. Several more attempts were made to recover the fish without any success.

- Tubing was cut @ 6734'

- Milled tubing to 6810'

- Fill on fish to 6718' never could get back to top of fish

Perfs at 6708' is collapsed casing.

Perfs at 1000' is a casing cut (couldn't pull)

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: Senior Regulatory Analyst Date: 8/27/2019 Email: rkendrick@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: McFarland, Nick Date: 11/5/2019

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

| | |
|--|--|
| | |
|--|--|

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|-----------------------------|
| 402156520 | FORM 6 SUBSEQUENT SUBMITTED |
| 402158941 | WELLBORE DIAGRAM |
| 402158942 | CEMENT JOB SUMMARY |
| 402158944 | WIRELINE JOB SUMMARY |

Total Attach: 4 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|--|----------------------------|
| Engineer | 48 hour ops notice given. Form 17 filed; 0 psi on bradenhead. 44 filed registering off-location flowline. GPS location appears accurate on maps. Zones and casing history are consistent with approved intent. Procedure, WBD and tickets are consistent. | 11/04/2019 |
| Engineer | *Asked Teri to correct status to PA for August 2019. (corrected) | 11/04/2019 |

Total: 2 comment(s)