

FORM
6Rev
11/20

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:

402699857

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 05-123-12952-00

Well Name: PIERCE UNIT-KENNEDY

Well Number: 3

Location: QtrQtr: NESW

Section: 27

Township: 8N

Range: 66W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: PIERCE

Field Number: 69000

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.631210

Longitude: -104.765830

GPS Data: GPS Quality Value: 6.0 Type of GPS Quality Value: Date of Measurement: 04/10/2006

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 | 9214 | 9270 | 04/17/2021 | B PLUG CEMENT TOP | 9160 |

Total: 1 zone(s)

Casing History

| Casing Type | Size of Hole | Size of Casing | Grade | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top | Status |
|-------------|--------------|----------------|-------|-------|---------------|---------------|-----------|---------|---------|--------|
| CONDUCTOR | 20 | 16 | NA | 84 | 0 | 63 | 40 | 63 | 0 | CALC |
| SURF | 12+1/4 | 9+5/8 | NA | 47 | 0 | 1001 | 400 | 1001 | 0 | VISU |
| 1ST | 7+7/8 | 5+1/2 | NA | 15.5 | 0 | 9327 | 1455 | 9327 | 7450 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 9160 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>36</u> sks cmt from <u>7000</u> ft. to <u>6341</u> ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input type="checkbox"/> |
| Set <u>25</u> sks cmt from <u>4700</u> ft. to <u>4485</u> ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input type="checkbox"/> |
| Set <u>12</u> sks cmt from <u>1600</u> ft. to <u>1497</u> ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input type="checkbox"/> |
| Set <u>80</u> sks cmt from <u>1200</u> ft. to <u>0</u> ft. | Plug Type: <u>CASING</u> | Plug Tagged: <input type="checkbox"/> |
| Set _____ sks cmt from _____ ft. to _____ ft. | Plug Type: _____ | Plug Tagged: <input type="checkbox"/> |

Perforate and squeeze at 7100 ft. with 22 sacks. Leave at least 100 ft. in casing 7000 CICR Depth
Perforate and squeeze at 1700 ft. with 52 sacks. Leave at least 100 ft. in casing 1600 CICR Depth
Perforate and squeeze at 1200 ft. with 382 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 20 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 Number of Days from Setting Surface Plug
Surface Plug Setting Date: 04/20/2021 Cut and Cap Date: 04/27/2021 to Capping or Sealing the Well: 7

*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:

This well did not have a dedicated flowline, it tied into the Jennings 1 flowline.

We were unable to inject under the CICR at 7000' so it was agreed with COGCC to pump the cement on top and squeeze into the open perms above at 6900'. From the CBL we determined we also might not be able to inject on the circulation squeeze at 4700' to 4500' so we agreed with COGCC to pump a balance plug across that spot instead. After pumping the circulation squeeze from 1700' to 1500', we shut down for the night. The next morning there was no migration or pressure. We were able to circulate from 1200' to surface and fill the casing to finish the P&A.

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:

COA Type

Description

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

Attachment List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|----------------------|
| 402699958 | GYRO SURVEY |
| 402699959 | CEMENT BOND LOG |
| 402699961 | CEMENT JOB SUMMARY |
| 402699962 | WELLBORE DIAGRAM |
| 402699963 | 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)