

Document Number:  
403035926

Date Received:  
05/03/2022

**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) 666-5555  
 Address: 1775 SHERMAN STREET STE 3000 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80203 Email: twoodworth@gwp.com

**For "Intent" 24 hour notice required,** Name: Santistevan, Brittani Tel: (720) 471-1110  
 Email: brittani.santistevan@state.co.us

**COGCC contact:** \_\_\_\_\_

Type of Well Abandonment Report:  Notice of Intent to Abandon  Subsequent Report of Abandonment

API Number 05-123-05520-00  
 Well Name: UPPR PIERCE TOWNSITE Well Number: 1  
 Location: QtrQtr: NWNW Section: 26 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: 40.638530 Longitude: -104.751790  
 GPS Data: GPS Quality Value: 6.0 Type of GPS Quality Value: PDOP Date of Measurement: 04/10/2006

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:  Yes  No Estimated Depth: 1200  
 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	9160	9198			

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	30	16		42.5	0	42	160	42	0	VISU
SURF	12+1/4	10+3/4	H40	40.5	0	525	375	525	0	VISU
1ST	7+7/8	7	J55	23	0	9237	350	9237	7626	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 9150 with 50 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 20 sks cmt from 6950 ft. to 6812 ft. Plug Type: CASING Plug Tagged:   
Set 20 sks cmt from 4300 ft. to 4196 ft. Plug Type: CASING Plug Tagged:   
Set 285 sks cmt from 1250 ft. to 700 ft. Plug Type: STUB PLUG Plug Tagged:   
Set 275 sks cmt from 700 ft. to 0 ft. Plug Type: CASING Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at 7150 ft. with 100 sacks. Leave at least 100 ft. in casing 6950 CICR Depth

Perforate and squeeze at 4500 ft. with 82 sacks. Leave at least 100 ft. in casing 4300 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

Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_ Number of Days from Setting Surface Plug to Capping or Sealing the Well: \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_

\*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

1 Contact COGCC  
2 MIRU and 4500 ft of 2-7/8  
3 TOOH with tubing, stand back.  
4 RIH w/ wireline, set CIBP @ 9150'  
5 RIH, tag CIBP, roll hole clean, pressure test to 500 psi  
6 Pump 50 sx Thermal 35 on top of plug at 9150', ETOC 8796'  
7 Roll hole clean  
8 TOOH w/ tubing, lay down to about 7000', stand back the rest  
9 RIH w/ WL and shoot holes at 7150' & 6850'  
10 RIH and set CICR @ 6950'  
11 Squeeze 100 sx Thermal 35 thru CICR, leave additional 20 sx on top, ETOC 6812'  
12 Roll hole clean  
13 TOOH w/ tubing, lay down to about 4300', stand back the rest  
14 RIH w/ WL and shoot holes at 4200' & 4500'  
15 RIH and set CICR @ 4300'  
16 Squeeze 82 sx Class G thru CICR, leave additional 20 sx on top (Class G) ETOC 4196'  
17 Roll hole clean  
18 Cut & pull casing from 1200'  
19 Pump stub plug from 1250' w/ 285 sx Class G+3%CC, ETOC 700'  
20 WOC 4 hours  
21 Tag plug & verify no migration  
22 Pump 275 sx Class G+3%CC from 700' to surface  
23 WOC 4 hours  
24 RIH tag, top off w/ cement as needed  
25 RDMO  
26 Call Taylor Gerkin (720-236-4069) for Cut & cap casing 4' - 6' below GL w/ plate (Well Name, API, Legal Location)  
27 Record cut & cap date in OpenWells

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: Dist Eng Mgr Date: 5/3/2022 Email: twoodworth@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: JENKINS, STEVE Date: 5/16/2022

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 11/15/2022

## Condition of Approval

**COA Type**

**Description**

	<p>1) Provide 2 business day notice of plugging MIRU via electronic Form 42, and provide 48 hours Notice of Plugging Operations, prior to mobilizing for plugging operations via electronic Form 42. These are 2 separate notifications, required by Rules 408.e and 408.l.</p> <p>2) After placing the shallowest hydrocarbon isolating plug (1250'), operator must wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC engineering before continuing operations.</p> <p>3) Prior to placing the 700' plug: verify that all fluid migration (liquid and gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.</p> <p>4) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 475' or shallower and provide 10 sx plug at the surface.</p> <p>5) Leave at least 100' of cement in the wellbore for each plug.</p> <p>6) Properly abandon flowlines as per Rule 1105. Pursuant to Rule 911.a. Closure of Oil and Gas Facilities, Operator will submit Site Investigation and Remediation Workplans via Form 27 for COGCC prior approval before cutting and capping the plugged well, conducting flowline abandonment, and removing production equipment. Pursuant to Rule 1105.f. Abandonment Verification, within 90 days of an operator completing abandonment requirements for a flowline or crude oil transfer line, an operator must submit a Field Operations Notice, Form 42-Abandonment of Flowlines for on-location flowlines, and a Flowline Report, Form 44, for off-location flowlines or crude oil transfer lines.</p> <p>7) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</p>
	<p>Prior to starting plugging operations a Bradenhead test shall be performed if there has not been a reported Bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <p>1) If, before opening the Bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples.</p>
	<p>Prior to commencing operations, the operator will post signs in conspicuous locations. The signs will indicate plugging and abandonment operations are being conducted, the well name, well, and the applicable contact information. Signs will be placed so as not to create a potential traffic hazard.</p>
	<p>Prior to commencing operations, at a minimum, the operator will provide an informational sheet to the owners/occupants of BUs that are nearby and adjacent to the parcel on which the well is located. The sheet will include the operator's contact information and the nature, timing, and expected duration of the PA operations.</p>
	<p>Operator will implement measures to capture, combust, or control emissions to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public health, welfare and the environment. Due to proximity of building units (BUs) all blowdown gases will be controlled.</p>
<p>5 COAs</p>	

## Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403035926	FORM 6 INTENT SUBMITTED
403036142	WELLBORE DIAGRAM
403036144	WELLBORE DIAGRAM
403036145	CEMENT BOND LOG

Total Attach: 4 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	1) Deepest Water Well within 1 mile = 66'. 2) Fox Hills Bottom- N/A, per SB5.	05/16/2022
Engineer	Emailed operator for copy of the CBL. Received CBL, attached it to the Well file, document no 1176410.	05/16/2022
Permit	Confirmed as-drilled well location. No other forms in process. Production reporting up-to-date for this operator. Confirmed productive intervals docnum: 254083. Reviewed attachments. Pass.	05/04/2022

Total: 3 comment(s)