

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:

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

COGCC contact:

Email: brittani.santistevan@state.co.us

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☐ OtherCasing to be pulled: ☒ Yes ☐ No Estimated Depth: 1200Fish 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
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 <u>20</u> sks cmt from <u>6950</u> ft. to <u>6812</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>20</u> sks cmt from <u>4300</u> ft. to <u>4196</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>285</u> sks cmt from <u>1250</u> ft. to <u>700</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>275</u> sks cmt from <u>700</u> ft. to <u>0</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 CIBP @ 6950'
11 Squeeze 100 sx Thermal 35 thru CIBP, 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 CIBP @ 4300'
16 Squeeze 82 sx Class G thru CIBP, 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>

5 COAs

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)