FORM 6 Rev 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

DE	ET	OE	ES

Document Number: 403133631

Date Received: 08/15/2022

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: 10017 Contact Name: Matt Nelson

Name of Operator: CHACO ENERGY COMPANY Phone: (303) 9813840

Address: P O BOX 1587 Fax:

City: DENVER State: CO Zip: 80201 Email: matt@chacoenergy.com

For "Intent" 24 hour notice required, COGCC contact: Name: Petrie, Erica Tel: (303) 726-3822 Email: erica.petrie@state.co.us

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

API Number 05-123-15182-00

Well Name: WELD COUNTY-KINDT Well Number: 1

Location: QtrQtr: NENW Section: 11 Township: 7N Range: 57W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 62184

Field Name: VOLTEN Field Number: 90210

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.593780 Longitude: -103.726960

GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: Date of Measurement: 07/09/2012

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems

☐ Other

Casing 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
J SAND	6099	6104			

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
SURF	12+1/4	8+5/8	J55	24	0	162	100	162	0	VISU
1ST	7+7/8	5+1/2	J55	15.5	0	6150	150	6150	5460	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6000 with 4 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 10 sks cmt from 5150 ft. to 5070 ft. Plug Type: _____ Plug Tagged: ☐

Set 12 sks cmt from 1470 ft. to 1370 ft. Plug Type: _____ Plug Tagged: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 5200 ft. with 50 sacks. Leave at least 100 ft. in casing 5150 CICR Depth

Perforate and squeeze at 1520 ft. with 50 sacks. Leave at least 100 ft. in casing 1470 CICR Depth

Perforate and squeeze at 300 ft. with 100 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: _____ 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:

See attached procedure & WBS for further detail.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Matt Nelson

Title: Sr. Operations Engineer Date: 8/15/2022 Email: matt@chacoenergy.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: Wolfe, Stephen Date: 9/13/2022

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 3/12/2023

Condition of Approval

COA Type	Description
	Bradenhead Testing 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. 1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. 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. If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.
	Plugging 1) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations and electronic Form 42 Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations. 2) Contact COGCC Area Inspector prior to commencing plugging operations. 3) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from COGCC is obtained. 4) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Tag at tops specified or shallower. Notify COGCC Area Engineer before adding cement to previous plug. 5) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface in all strings during cut and cap. 6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed. 7) 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. 8) The plugging procedure has been modified as follows and should be consistent with the Plugging Procedure for Intent section of the approved Form 6 NOIA, Plug #1 - 6000', CIBP with 4 sx Plug #2 - 5200', Perf and squeeze 40 sx through the CICR at 5150', place 10 sx on top of the CICR. Plug #3 - 1520', Perf and squeeze 40 sx through the CICR at 1470', place 12 sx on top of the CICR. Plug #4 - 300', Perf and pump 100 sx. The intention is to circulate cement to the surface and leave the casing full. WOC and tag required if cement does not reach the surface and remain there. Plug #6 - See COA #5
2 COAs	

Attachment List

Att Doc Num	Name
403133631	FORM 6 INTENT SUBMITTED
403133784	PROPOSED PLUGGING PROCEDURE
403133785	WELLBORE DIAGRAM
403135391	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Engineer	Groundwater: White River, Laramie-Fox Hills, Upper Pierre Deepest water well: 795'(3mi, 17 wells), 1111'(4mi, 60 wels) Log: 9/1/91 123-15182 GR 4653 L-FH base 155-250', UP 560-1420'	09/13/2022
OGLA	OGLA review is complete.	08/24/2022
OGLA	Well is in a CPW mapped Pronghorn Winter Concentration Area High Priority Habitat. Although plugging and abandonment operations with heavy equipment will be allowed, the operator is strongly encouraged to avoid them from January 1 through April 30.	08/24/2022
OGLA	Well is in a mule deer migration corridor and winter concentration area. Although plugging and abandonment operations with heavy equipment will be allowed, the operator is strongly encouraged to avoid them between December 1 through April 30.	08/24/2022
Permit	Operator attached. Pass.	08/15/2022
Permit	Confirmed as-drilled well location. No other forms in process. Production reporting up-to-date. Confirmed productive interval docnum: 225220. Missing Current WBD. RTD.	08/15/2022

Total: 6 comment(s)