

Document Number:
 403244516
 Date Received:
 12/14/2022

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: 10227 Contact Name: Thomas Obenchain
 Name of Operator: CHOLLA PETROLEUM INC Phone: (214) 6927052
 Address: PO BOX 12208 Fax: (214) 5720798
 City: DALLAS State: TX Zip: 75225 Email: tao@chollapetro.com

For "Intent" 24 hour notice required, Name: Welsh, Brian Tel: (719) 767-2873
COGCC contact: Email: brian.welsh@state.co.us

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

API Number 05-099-06889-00
 Well Name: LUKIE-DO Well Number: 2-24
 Location: QtrQtr: SWNW Section: 24 Township: 21S Range: 47W Meridian: 6
 County: PROWERS Federal, Indian or State Lease Number: _____
 Field Name: CHANNING NORTH Field Number: 10890

Only Complete the Following Background Information for Intent to Abandon

Latitude: 38.212100 Longitude: -102.648450
 GPS Data: GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 08/28/2006
 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: Suspected hole in casing @ unknown depth. Workover in 07/2022 suggests a hole in casing is present. Found mud on swab line.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
MORROW	4694	4714			

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	H40	24	0	1046	500	1046	0	VISU
1ST	7+7/8	4+1/2	J55	10.5	0	4894	250	4894	3724	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4650 with 2 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 1400 ft. to 1300 ft. Plug Type: CASING Plug Tagged:
 Set 100 sks cmt from 1096 ft. to 0 ft. Plug Type: CASING 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 1450 ft. with 40 sacks. Leave at least 100 ft. in casing 1400 CICR Depth
 Perforate and squeeze at 1096 ft. with 250 sacks. Leave at least 100 ft. in casing _____ 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 10 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 to Capping or Sealing the Well: _____
 Surface Plug Setting Date: _____ Cut and Cap Date: _____
 *Wireline Contractor: _____ *Cementing Contractor: _____
 Type of Cement and Additives Used: _____
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

- 1 MIRU
- 2 NDWH, NUBOP
- 3 TOH with tubing
- 4 MIRU Wireline
- 5 TIH with collar locater and gauge ring
- 6 Make gauge ring run to perms to make sure we can get CIBP down
- 7 Collar locater should detect HIC on way in and out
- 8 Set CIBP @ 4650'
- 9 Dump bail 2 sxs cement on top (20')
- 10 Tih with cement retainer
- 11 Set CR 50' above HIC (determined by gauge ring/collar locater run)
- 12 TIH with tubing and sting into retainer
- 13 Pump 20 sxs cement, sting out of retainer, pump 20 sxs on top of CR (100' left inside)
- 14 TOH with tubing
- 15 Fill hole with 9.5 ppg mud from CR to 1096'
- 16 Perf and circulate cement from 1096 to surface
- 17 Pump ~700 sxs (225 inside casing, 475 annular).
- 18 Circulate cement to surface
- 19 WOC 5 days per form 27
- 20 Tag and Cut and Cap wellhead

COGCC: See Plugging Procedure and COA for approved procedure, additional plug.

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

Signed: _____ Print Name: Ashley Noonan

Title: Sr. Regulatory Analyst Date: 12/14/2022 Email: anoonan@progressivepcs.net

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: 12/23/2022

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 6/22/2023

COA Type	Description
	<p>Plugging</p> <p>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.</p> <p>2) 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.</p> <p>3) 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.</p> <p>4) 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.</p> <p>5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</p> <p>6) After placing the shallowest hydrocarbon isolating plug (4650'), operator must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC Area Engineer before continuing operations.</p> <p>7) Plugging procedure has been modified as follows, Plug #1 - 4650', CIBP with 2 sx of cement. Plug #2 - Locate HIC with CCL, most likely in the Blaine. Set a CICR 50' above the HIC and pump 40 sx of cement. Sting out and place 20 sx on top of CICR. Plug #3 - 1450', perf and squeeze 40 sx into CICR at 1400', spot 10 sx on top of CICR. If CICR is not used pump 40 sx of cement and displace top of cement to 1350'. WOC and tag. Test casing before pumping next plug. Plug #4 - 1096', perf and circulate 225 sx of cement to surface. If cement is not brought to surface or does not remain there, WOC and tag at 450' or higher, above Dakota top. Notify COGCC Area Engineer of insufficient cement. Plug #5 - 50' of cement at the surface in both the casing and the annulus per COA #4."</p> <p>8) Submit corrected WBD and procedure(optional) to correspond with approved 6(N) prior to filing Form 42 Notifications required in COA #1 above.</p>
	<p>Properly abandon flowlines per Rule 1105. If flowlines will be abandoned in place, include with the Form 27: pressure test results conducted in the prior 12 months as well as identification of any document numbers for a COGCC Spill/Release Report, Form 19, associated with the abandoned line.</p>
	<p>Consistent with Rule 911.a, a Form 27 must be approved prior to cut and cap, conducting flowline abandonment, or removing production equipment. Allow 30 days for Director review of the Form 27; include the Form 27 document number on the Form 44 for offsite flowline abandonment (if applicable) and on the Form 6 Subsequent.</p>

	<p>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.</p> <p>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.</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>If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p>
	<p>Venting Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.</p>
	<p>Due to proximity to surface water, Operator will review the stormwater program and implement stormwater BMPs and erosion control measures as needed to prevent fine-grained sediment and impacted stormwater runoff from entering surface water.</p>
6 COAs	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403244516	FORM 6 INTENT SUBMITTED
403260854	WELLBORE DIAGRAM
403260864	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>Groundwater: Alluvium, Dakota-Cheyenne Deepest water well: 600'(2mi)24 records) Logs: 099-06889 7/24/06 GR 3832 Dkta-Cynn behind surface casing</p> <p>DKTA-CYNN Aq Det Tool Top of Dakota 3319 513 Base of Dakota 3123 709 Top of Cheyenne 3063 769 Base of Cheyenne 2963 869</p> <p>Original DCR says CBL on production string but none on file with COGCC.</p>	12/23/2022
OGLA	OGLA review is complete.	12/16/2022
OGLA	Well is in a CPW mapped Mule Deer Severe Winter Range High Priority Habitat. 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.	12/16/2022

Total: 3 comment(s)