

Document Number:  
402845823

Date Received:  
10/20/2021

**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: 20275 Contact Name: JIM WIEGER  
 Name of Operator: CORAL PRODUCTION CORP Phone: (303) 6233573  
 Address: 1600 STOUT ST STE 1500 Fax: (303) 6232870  
 City: DENVER State: CO Zip: 80202 Email: jimwieger@qwestoffice.net

**For "Intent" 24 hour notice required,** Name: Schure, Kym Tel: (970) 520-3832  
 COGCC contact: Email: kym.schure@state.co.us

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

API Number 05-075-06132-00  
 Well Name: ZIEGLER A Well Number: 2  
 Location: QtrQtr: L8NW Section: 2 Township: 8N Range: 54W Meridian: 6  
 County: LOGAN Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: YENTER Field Number: 98636

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.695510 Longitude: -103.389800  
 GPS Data: GPS Quality Value: 2.5 Type of GPS Quality Value: PDOP Date of Measurement: 05/25/2012

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: Preliminary pressure test prior to requested MIT indicated slow bleed off. Economics don't justify cost to investigate and correct issues.

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
D SAND	5022	5026		SQUEEZED	
J SAND	5136	5155		B PLUG CEMENT TOP	5147

Total: 2 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	13+3/8	9+5/8	j55	25.5	0	214	160	214	0	VISU
1ST	8+3/4	5+1/2	j55	15.5	0	5176	250	5176	3926	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5080 with 2 sacks cmt on top. CIBP #2: Depth 4972 with 2 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 3 sks cmt from 1950 ft. to 1925 ft. Plug Type: CASING Plug Tagged:   
Set 3 sks cmt from 800 ft. to 775 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 2000 ft. with 50 sacks. Leave at least 100 ft. in casing 1950 CICR Depth  
Perforate and squeeze at 850 ft. with 50 sacks. Leave at least 100 ft. in casing 800 CICR Depth  
Perforate and squeeze at 263 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 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 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:

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

Signed: \_\_\_\_\_ Print Name: JIM WIEGER

Title: GEOLOGIST Date: 10/20/2021 Email: jimwieger@qwestoffice.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: 1/3/2022

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: 7/2/2022

## Condition of Approval

**COA Type**

**Description**

	<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.            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>Plugging            1) Provide 48 hour notice of plugging MIRU via electronic Form 42.            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) Set CIBP at 4972' with 2 sx of cement to isolate the squeezed D Sand perfs.            9) Add 50 sx squeeze at 2000' with a CICR at 1950' to isolate the base of the Upper Pierre.            10) Add 50 sx squeeze at 800' with a CICR at 750' for the deepest water well. WOC and test casing before moving up to perforate at 263'. If casing does not test hunt holes to see if they are above 263'. Contact COGCC Area Engineer to confirm plugging orders.            11) Increase depth of shoe/surf plug to 263'. Perf at and circulate 100 sx to surface. Tag required at 163' or shallower if cement does not circulate to surface and remain there.            12) Well integrity must be demonstrated with a satisfactory MIT or the well must be plugged by 3/21/22.</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.</p>
	<p>Submit Operator's Monthly Production Reports (Form 7) required for compliance with Rule 413 within 30 days. Missing 3/2013, 4/2018.</p>
	<p>Submit a form 5A to report the correct Jsand interval. This Form 5A must be submitted within 30 days for compliance with Rule 416.</p>

5 COAs

## Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402845823	WELL ABANDONMENT REPORT (INTENT)
402847792	WELLBORE DIAGRAM
402915219	FORM 6 INTENT SUBMITTED

Total Attach: 3 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Groundwater: Upper Pierre Deepest Water Well: 709(1mi-5 wells, 4300')+4295-4300=704', 900(2mi-22 wells,4251)+4295-4251=944' Log: 075-06085 2/25/52 GR 4322' UP 196-1041'	01/03/2022
Permit	-Confirmed as-drilled well location. -No other forms in process. -Corrected zones tab. Cannot have two entries for same formation. Need updated 5A to report correct Jsand interval that is open. -Reviewed WBDs. -Pass.	10/25/2021

Total: 2 comment(s)