

Document Number:
403659183

Date Received:
01/18/2024

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: 10456 Contact Name: Caden Andrews

Name of Operator: CAERUS PICEANCE LLC Phone: (720) 547-8748

Address: 1001 17TH STREET #1600 Fax: _____

City: DENVER State: CO Zip: 80202 Email: candrews@caerusoilandgas.com

For "Intent" 24 hour notice required, Name: Morris, Matthew Tel: (970) 620-0348

COGCC contact: Email: matthew.morris@state.co.us

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

API Number 05-045-11390-00

Well Name: N.PARACHUTE Well Number: WF02B D23A 596

Location: QtrQtr: NWNW Section: 23 Township: 5S Range: 96W Meridian: 6

County: GARFIELD Federal, Indian or State Lease Number: _____

Field Name: GRAND VALLEY Field Number: 31290

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.605596 Longitude: -108.142987

GPS Data: GPS Quality Value: 4.1 Type of GPS Quality Value: PDOP Date of Measurement: 02/19/2010

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other _____

Casing to be pulled: Yes No Estimated Depth: 9635

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
WILLIAMS FORK	6418	9057			

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	20	16	"NA"	94	0	90	74	90	0	CALC
SURF	12+1/4	9+5/8	J55	36	0	2291	810	2291	0	CALC
1ST	8+1/2	4+1/2	N80	11.6	0	9615	1700	9615	2130	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6368 with 12 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 19 sks cmt from 5759 ft. to 6009 ft. Plug Type: CASING Plug Tagged:
Set 12 sks cmt from 3875 ft. to 4025 ft. Plug Type: CASING Plug Tagged:
Set 16 sks cmt from 2141 ft. to 2341 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:

Perforate and squeeze at 75 ft. with 27 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
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 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: Byron Evans

Title: Engineering Technician Date: 1/18/2024 Email: bevans@caerusoilandgas.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: Katz, Aaron Date: 2/5/2024

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 8/4/2024

COA Type	Description
	<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. These are two separate notifications, required by Rules 405.e and 405.l.</p> <p>2) The approved Form 6, Notice of Intent will be at the location during all phases of plugging operations.</p> <p>3) Operator shall implement measures to control venting and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard.</p> <p>4) Prior to placing surface shoe plug verify that all fluid (liquid and gas) migration has been eliminated. If evidence of fluid migration or pressure remains, contact ECMC Engineer for an update to plugging orders.</p> <p>5) If applicable 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 Work plans 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>6) 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. If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 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.</p> <p>7) With the Form 6 SRA operator must provide written documentation, which positively affirms each COA listed above has been addressed.</p> <p>8) Operator shall notify COGCC engineering staff of changes to the approved plugging plan or unexpected conditions in the field as soon as feasible. Primary contact is Aaron Katz at 970-765-6300. Alternate COGCC contact is Byron Gale at 970-319-4194.</p>
	<p>Well is in a CPW mapped Mule Deer Winter Concentration Area and Elk 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 December 1 through April 30.</p>
	<p>This oil and gas location is located within a CPW-mapped 500 foot buffer of the Ordinary High Water Mark of the West Fork Parachute Creek for protection of Aquatic Native Species Conservation Water High Priority Habitat. At a minimum, 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>
	<p>Due to the proximity to a mapped wetland, operator will use secondary containment for all tanks and other liquid containers. Operator will implement stormwater BMPs and erosion control measures to prevent sediment and stormwater runoff from entering the wetlands.</p>
4 COAs	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403659183	FORM 6 INTENT SUBMITTED
403659525	PROPOSED PLUGGING PROCEDURE
403659527	WELLBORE DIAGRAM
403659531	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	2021, 2022, 2023 Annual BH Test completed -0 psi CBL DOC#1302737 There are no domestic water wells within 1 mile There is a TA Wasatch injector within 1 mile: N.PARACHUTE WF09D *M14 596 045-13367: This well has a Form 6A DOC#403150040 and the Operator plans to P&A it in 2024. Considering these factors and the well having annular cement coverage of the formation, internal casing Wasatch G cement is not required. Area Engineer contact Operator to discuss.	02/05/2024
OGLA	Location Assessment Specialist (LAS) review complete.	02/01/2024

Total: 2 comment(s)