

Document Number:  
403442300

Date Received:  
06/22/2023

**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: 10725 Contact Name: Tyson Dunham  
 Name of Operator: VALKYRIE OPERATING LLC Phone: (307) 388-2290  
 Address: 1600 STOUT STREET SUITE 1000 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: tdunham@valkyrieoperating.com

**For "Intent" 24 hour notice required,** Name: Burchett, Kirby Tel: (970) 852-9642  
**COGCC contact:** Email: kirby.burchett@state.co.us

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

API Number 05-103-07724-00  
 Well Name: FEDERAL Well Number: 1-30  
 Location: QtrQtr: NWNW Section: 30 Township: 2N Range: 101W Meridian: 6  
 County: RIO BLANCO Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: RANGELY Field Number: 72370

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

Latitude: 40.118890 Longitude: -108.779910  
 GPS Data: GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 07/18/2013

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
WEBER	6514	6624	04/15/2014	B PLUG CEMENT TOP	6450
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	9+3/4	8+5/8	K55	24	0	521	275	0	0	CALC
1ST	7+7/8	5+1/2	K55	15.5	0	6680	650	6688	2248	CBL
1ST LINER	5+1/2	4	J55	11	0	6423	320	6423	0	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Set 8 sks cmt from 2695 ft. to 2800 ft. Plug Type: CASING Plug Tagged:   
Set 9 sks cmt from 6320 ft. to 6423 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 571 ft. with 24 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 8 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:

Resubmission; expired original due to Federal delay. Scheduled for PA on June 28, 2023

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

Signed: \_\_\_\_\_ Print Name: Tyson Dunham

Title: VP Operations Date: 6/22/2023 Email: tdunham@valkyrieoperating.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: 8/1/2023

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 1/31/2024

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.</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) 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>5) 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>6) This well has federal minerals. Operator shall notify COGCC engineering staff of any plugging changes required by the BLM or unexpected conditions in the field as soon as feasible. Primary contact is Aaron Katz at 970-765-6300. Alternate COGCC contact is Craig Burger at 970-319-4194.</p>
1 COA	

### Attachment List

Att Doc Num	Name
403442300	FORM 6 INTENT SUBMITTED
403442326	PROPOSED PLUGGING PROCEDURE
403442327	WELLBORE DIAGRAM
403442329	WELLBORE DIAGRAM
403442331	CEMENT BOND LOG

Total Attach: 5 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	moved squeeze plug data to designated line item in procedure section	08/01/2023
Engineer	2021, 2022 Annual BH Test completed  Liner CBL attached  4" tie back liner was cemented to surface to repair well  There is no offset wells with Wasatch G production within 1 mile  There are no water wells within 1 mile  Most recent BH test was 0 psi  taking into account hydrostatics of 9 ppg mud, distance between plugs 1 & 2 meets requirements	08/01/2023
OGLA	OGLA Review complete.	06/26/2023

Total: 3 comment(s)