

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



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Replug By Other Operator

Document Number:

402912076

Date Received:

05/10/2023

## 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: 10651

Contact Name: Alex Waner

Name of Operator: VERDAD RESOURCES LLC

Phone: (303) 2049636

Address: 1125 17TH STREET SUITE 550

Fax:

City: DENVER State: CO Zip: 80202

Email: awaner@verdadresources.com

For "Intent" 24 hour notice required,

Name: Petrie, Erica

Tel: (303) 726-3822

COGCC contact:

Email: erica.petrie@state.co.us

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

API Number 05-123-07906-00

Well Name: BUCHER

Well Number: 1

Location: QtrQtr: NWNW Section: 1 Township: 9N Range: 59W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: IGO CREEK

Field Number: 38310

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

Latitude: 40.785279

Longitude: -103.933837

GPS Data: GPS Quality Value: 1.3 Type of GPS Quality Value: PDOP Date of Measurement: 04/28/2023

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Re-enter to re-plugCasing to be pulled: ☐ Yes ☒ No Estimated Depth:Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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	6866	6874	10/16/1974	SAND PLUG	

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	23	0	138	100	138	0	VISU
1ST	7+7/8	5+1/2	j55	15.5	5723	6938	150	6938	6032	CALC

## 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	125	sks cmt from	5723	ft. to	5450	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	50	sks cmt from	2500	ft. to	2400	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	125	sks cmt from	1650	ft. to	1400	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	150	sks cmt from	600	ft. to	300	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	_____	sks cmt from	_____	ft. to	_____	ft.	Plug Type:	_____	Plug Tagged:	<input type="checkbox"/>

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

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 125 sacks half in. half out surface casing from 300 ft. to 0 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

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:

1. Provide 48 hr notice Form 42 to COGCC prior to rig up per Form 6 COA
2. Familiarize all personnel with allowed access to location and areas allowed to be disturbed.
3. Secure permission to access area and identify prospective well locations via satellite and survey data.
4. Verify well location and excavate well.
5. Once permission to begin work is secure, excavate area around well to sufficient size for safe access of casing, Verify casing size, cut off cap, weld on slip collar w/ wellhead and riser, set cellar ring and back-fill.
6. MIRU WO Rig, beam, doghouse, BOP, accumulator, rig pump, shaker tank, rig tank, 9.5ppg water-based mud, pipe float, 3-1/8" collars, 2-7/8" EUE work string, power swivel.
7. Make up BHA; 2 7/8 EUE string, 2x 3-1/8" drill collars, Float, POBS, 6.5" roller-cone bit.
8. RIH and drill out cement plugs from 0-159'.
9. Wash/Ream in 7-7/8" Open Hole to 5,723'/top of cut-off casing.
10. Circulate and condition hole.
11. TOOH, Laydown BHA.
12. RIH w/ 3.75" Tricone mill, XO, string float to 5,723'.
13. MIRU cementers and pump 125sx Class G Neat Cement from 5723'-5450'. Displace and POOH through cement. Release cementers.
14. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 5450', contact engineer. May require additional cement.
15. POOH to 2500', circulate and condition hole. MIRU cementers and pump 50sx Class G Neat Cement from 2500'-2400'. Displace and POOH through cement.
16. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 2400', contact engineer. May require additional cement.
17. POOH to 1650', circulate and condition hole. MIRU cementers and pump 125sx Class G Neat cement from 1650'-1400'. Displace and POOH through cement.
18. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 1400', contact engineer. May require additional cement.
19. POOH to 600', circulate and condition hole. MIRU cementers and pump 150sx Class G Neat cement from 600'-300'. Displace and POOH through cement.
20. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 300', contact engineer. May require additional cement.
21. POOH to 200', circulate and condition hole. MIRU cementers and pump cement until returns taken to surface (75sks prescribed). Once good returns taken, SD cement and POOH. Top off as necessary.
22. RDMO Cementers, Rig, and supporting equipment. Tidy location and prep for reclamation.
23. After 5 days, verify TOC is within 5' of surface. Top off if needed. Excavate cellar ring and wellhead, cut off casing 6' below ground level and weld on cap with full legal description welded onto plate. Back fill hole.
24. Reclaim location.
25. Submit Form 6 Subsequent and Form 42 for completion of COA.

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

Signed: \_\_\_\_\_ Print Name: Alex Waner  
Title: Operations Engineer Date: 5/10/2023 Email: awaner@verdadresources.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: 5/19/2023

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 11/18/2023

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) Operator must wait a sufficient time on all plugs to achieve the intended design. If at any time during the plugging there is evidence of previously unreported pressure or fluid migration, contact COGCC Area Engineer before continuing operations.</p> <p>7) Plugging procedure has been modified as follows,            Plug #1 - 6950-6850', sand plug with 5 sx of cement at 5723' to remain.            Plug #2 - 5723-5450', 125 sx open hole plug. WOC and tag.            Plug #3 - 2500-2400', 50 sx open hole plug. WOC and tag.            Plug #4 - 1650-1400', 125 sx open hole plug. WOC and tag.            Plug #5 - 600-300', 150 sx open hole plug. WOC and tag.            Plug #6 - 300-0', 125 sx open hole / cased hole plug. WOC and tag."</p> <p>8) Submit an updated WBD that corresponds with the approved 6(N) (if needed) prior to filing Form 42 Notifications required in COA #1 above.</p>
	Submit "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 216.
2 COAs	

### **Attachment List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
402912076	FORM 6 INTENT SUBMITTED
402912158	PROPOSED PLUGGING PROCEDURE
403396554	WELLBORE DIAGRAM
403396555	WELLBORE DIAGRAM
403396556	LOCATION PHOTO
403398980	SURFACE OWNER CONSENT

Total Attach: 6 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Groundwater=White River, Laramie-Fow Hills, Upper Pierre Deepest water well=1575'(1mi, 16 wells) Log=123-05747 KPU_B13 10/6/59 5010 GR	05/19/2023
OGLA	OGLA review is complete.	05/17/2023
OGLA	Well is in a mule deer severe winter range. 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.	05/17/2023
Permit	No other forms in process. Confirmed productive interval docnum: 255867. Production reporting OK. Reviewed attachments. Pass.	05/11/2023

Total: 4 comment(s)