

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.

Document Number:
 402913130
 Date Received:
 05/10/2023

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 05-123-07506-00
 Well Name: HAMLIN Well Number: 1
 Location: QtrQtr: NENE Section: 2 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: 40.785681 Longitude: -103.938491
 GPS Data: GPS Quality Value: 1.4 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-plug
 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: COGCC Comment: Uncemented open hole, short surface casing

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	6931	6936	06/21/1974	SAND PLUG/CEMENT	6900
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	131	90	131	0	VISU
1ST	7+7/8	4+1/2	j55	10.5	5850	7020	150	7020	6331	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 5850 ft. to 5575 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 50 sks cmt from 2500 ft. to 2400 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 125 sks cmt from 1700 ft. to 1450 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 150 sks cmt from 625 ft. to 325 ft. Plug Type: OPEN HOLE Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

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 325 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 0-131', drill out "Rock Bridge" at 131'.
9. Wash/Ream in 7-7/8" Open Hole to 5,850'/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 5,850'.
13. MIRU cementers and pump 125sx Class G Neat Cement from 5850'-5575'. 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 5575', 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 1700'-1450'. 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 625'-325'. 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 - 6900', sand plug with 5 sx of cement to remain. Plug #2 - 5850-5575', 125 sx open hole plug. WOC and tag. Plug #3 - 2500-2400', 50 sx open hole plug. WOC and tag. Plug #4 - 1700-1450', 125 sx open hole plug. WOC and tag. Plug #5 - 625-325', 150 sx open hole plug. WOC and tag. Plug #6 - 325-0', 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>
1 COA	

Attachment List

Att Doc Num	Name
402913130	FORM 6 INTENT SUBMITTED
402913160	PROPOSED PLUGGING PROCEDURE
403396671	WELLBORE DIAGRAM
403396675	WELLBORE DIAGRAM
403396678	LOCATION PHOTO
403398910	SURFACE OWNER CONSENT

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
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	Submitted as-drilled well location. Production reporting OK. No other forms in process. Confirmed productive interval, docnum: 255873. Reviewed attachments. Pass.	05/11/2023

Total: 4 comment(s)