

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:
403347183

Date Received:
03/15/2023

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: Revas, Robbie Tel: (720) 661-7242

COGCC contact: Email: robbie.revas@state.co.us

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

API Number 05-123-07158-00

Well Name: KAMINSKY Well Number: 1

Location: QtrQtr: NENE Section: 30 Township: 2N Range: 64W Meridian: 6

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

Field Name: WILDCAT Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.114909 Longitude: -104.586790

GPS Data: GPS Quality Value: 1.4 Type of GPS Quality Value: PDOP Date of Measurement: 03/13/2023

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: _____

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	7640	7769	05/06/1970	CEMENT	308
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	H	28	0	308	225	308	0	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 60 sks cmt from 7630 ft. to 7480 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 115 sks cmt from 6930 ft. to 6630 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 60 sks cmt from 2550 ft. to 2400 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 115 sks cmt from 967 ft. to 667 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 130 sacks half in. half out surface casing from 358 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:

- ** Verdad will be using a closed-loop recirculating returns system consisting of shaker tank, mud tank, cuttings bin, and a utility tank to divert fluid to for solids to settle out, fluid for disposal, etc.**
1. File Form 42 2 days prior for P&A ops, notify COGCC field engineer of ops commencing
 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 and beam, 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. Rig up tubing tools, NU BHA and function test
 8. Make up BHA consisting of: 2-7/8 EUE string, 2x 3-1/8" drill collars, float, POBS, and 6.5" roller-cone bit
 9. RIH and drill out previous cement plugs from 0-30' and estimated TOC 250' – 308'
 10. Wash or ream in 7-7/8" open hole to 7,650'
 11. Circulate and condition hole
 12. TOOH and laydown BHA
 13. RIH w/ 4.75" Tricone mill, XO, string float to 7,630'. Circulate and condition hole, if circulation is not established, contact engineer
 14. MIRU cementers and pump 60 sks of Class G, 15.8 ppg, 1.15 yield cement from 7,630' – 7,480' to isolate the D Sand Formation. Displace and POOH through cement and release cementers, ensure that EOT is a minimum 100' above cement top before WOC
 15. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 7,480', contact engineer. May require additional cement
 16. MIRU cementers and pump 115 sks of Class G, 15.8 ppg, 1.15 yield cement from 6,930' – 6,630' to isolate the Niobrara Formation. Displace and POOH through cement and release cementers, ensure that EOT is a minimum 100' above cement top before WOC
 17. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 6,780', contact engineer. May require additional cement
 18. POOH to 2550', circulate and condition hole. RU cementers and pump 60 sks of Class G, 15.8 ppg, 1.15 yield cement from 2,550' – 2,400' to isolate the Upper Pierre Formation/Courtesy Plug. Displace and POOH through cement and release cementers, ensure that EOT is a minimum 100' above cement top before WOC
 19. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 2,400', contact engineer. May require additional cement
 20. POOH to 967', circulate and condition hole. Prior to placing the Fox Hills Aquifer plug, verify that all fluid (liquid and gas) migration has been eliminated. If evidence of fluid migration or pressure remains, contact engineer to verify with the COGCC for an update to plugging orders
 21. If no fluid migration, RU cementers and pump 115 sks of Class G, 15.8 ppg, 1.15 yield cement from 967' – 667' to isolate the Fox Hills Aquifer. Displace and POOH through cement and release cementers, ensure that EOT is a minimum 100' above cement top before WOC
 22. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 817', contact engineer. May require additional cement
 23. POOH to 358', circulate and condition hole. RU cementers and pump cement until returns taken to surface, 130 sks of Class G, 15.8 ppg, 1.15 yield cement estimated. Once good returns taken, SD cement and POOH. Top off as necessary
 24. RDMO cementers, rig, and supporting equipment. Tidy location and prep for reclamation
 25. 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
 26. Reclaim location
 27. 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: 3/15/2023 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: Haverkamp, Curtis Date: 3/27/2023

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 9/26/2023

COA Type	Description
	If unable to wash down after drilling out plugs previously set, stop and contact COGCC engineer for an update to the plugging procedure.
	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. 2) Prior to placing cement above the base of the Upper Pierre (1900') : verify that all fluid (liquid and gas) migration has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders. 3) Pump surface casing shoe plug only after isolation has been verified. If surface casing cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 258' or shallower and provide a minimum of 10 sx plug at the surface. 4) Leave at least 100' of cement in the wellbore for each plug without mechanical isolation. 5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed.
	Due to proximity to a mapped wetland and surface water, operator will use secondary containment for all tanks and other liquid containers. Operator will implement stormwater BMPs and erosion control measures as needed to prevent sediment and stormwater runoff from entering the wetland and surface water.
	Notification will be given to any adjacent building unit occupants within a 1000 feet of the wellhead of planned P&A start date.
4 COAs	

Attachment List

Att Doc Num	Name
403347183	FORM 6 INTENT SUBMITTED
403347199	LOCATION PHOTO
403347200	WELLBORE DIAGRAM
403347201	WELLBORE DIAGRAM
403347203	PROPOSED PLUGGING PROCEDURE
403347204	SURFACE OWNER CONSENT

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
Engineer	DWR aquifer determination Arapahoe: 217'-78' Fox Hills: 916'-629' Deepest water well within 1 mile: 920' Base of Upper Pierre estimated: 1900'	03/27/2023
OGLA	OGLA Review complete.	03/27/2023
Permit	- Verified Technical Detail/comments (Closed loop will be used, purpose) - Verified Attachments - Verified GPS is up to date (Taken at time of photos - 3/13/2023) - Verified Production Reporting Permit Review Complete	03/23/2023

Total: 3 comment(s)