

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:
 403077470
 Date Received:
 06/22/2022

OGCC Operator Number: 10651 Contact Name: Brian Stanley
 Name of Operator: VERDAD RESOURCES LLC Phone: (435) 6406426
 Address: 1125 17TH STREET SUITE 550 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: bstanley@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 05-123-19872-00
 Well Name: ST JOHNS CATHOLIC Well Number: 41-31
 Location: QtrQtr: NENE Section: 31 Township: 9N Range: 58W 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: 40.712878 Longitude: -103.899515
 GPS Data: GPS Quality Value: 1.2 Type of GPS Quality Value: PDOP Date of Measurement: 02/08/2022
 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

Total: 0 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	j-55	24	0	202	200	202	0	VISU
OPEN HOLE	7+7/8		N/A		0	6750				

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 40 sks cmt from 6583 ft. to 6458 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 75 sks cmt from 5700 ft. to 5600 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 75 sks cmt from 1800 ft. to 1700 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 50 sks cmt from 745 ft. to 620 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 195 sacks half in. half out surface casing from 525 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:

Attached is the correspondence with USFS regarding access. All conditions for access permit have been satisfied, pending a ground-nesting bird survey, which is to be conducted as close to the commencing of operations as possible. For further assurance, please reach out to Vern Koehler at 719-252-4778 or vernon.koehler@usda.gov.

1. Provide 48 hr notice Form 42 to COGCC prior to rig up per Form 6 COA. Notify BLM inspector of MIRU.
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. NU BOP's and test to 300 psi and chart test.
9. RIH and drill out cement plugs from 0-190'. Shut in pipe rams and test sfc casing to 300psi and chart test. If passing test, resume drill out cement in sfc casing. If test does not pass, call engineer and notify BLM to develop plan.
10. Wash/Ream in 7-7/8" Open Hole to 6,475' to tag on existing plug. If plug not tagged, contact engineer and BLM inspector for changes to plugging orders.
11. Circulate and condition hole.
12. TOOH, Laydown BHA.
13. RIH w/ 3.75" Tricone mill, XO, string float to 5,700'.
14. Circulate and condition hole. MIRU cementers and pump 50sx Class G Neat Cement from 5700'-5600'. Displace and POOH through cement.
15. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 5600', contact engineer. May require additional cement.
16. POOH to 1800', circulate and condition hole. MIRU cementers and pump 50sx Class G Neat cement from 1800'-1700'. Displace and POOH through cement.
17. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 1700', contact engineer. May require additional cement.
18. POOH to 745', circulate and condition hole. MIRU cementers and pump 50sx Class G Neat cement from 745'-620'. Displace and POOH through cement.
19. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 620', contact engineer. May require additional cement.
20. POOH to 525', circulate and condition hole. MIRU cementers and pump cement until returns taken to surface (195sks prescribed). Once good returns taken, SD cement and POOH. Top off as necessary.
21. RDMO Cementers, Rig, and supporting equipment. Tidy location and prep for reclamation.
22. 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.
23. Reclaim location.
24. 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: Brian Stanley
Title: Completion Engineer Date: 6/22/2022 Email: bstanley@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: 7/5/2022

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 1/4/2023

Condition of Approval

COA Type

Description

	Operator will implement measures to capture, combust, or control emissions to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public health, welfare and the environment.
	<p>Plugging</p> <ol style="list-style-type: none"> 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Contact COGCC Area Inspector prior to commencing plugging operations. 3) 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. 4) 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. 5) 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. 6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed. 7) After placing the shallowest hydrocarbon isolating plug (5700'), operator must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC Area Engineer before continuing operations. 8) Plugging procedure has been modified as follows, Plug #1 - 6583-6458', 40 sx open hole plug. Existing plug (12/31/99) to remain. Plug #2 - 5700-5600', 75 sx open hole plug, WOC and tag if circulation is not maintained while pumping the plug and displacing to depth. Plug #3 - 1800-1700', 75 sx open hole plug, WOC and tag at 1700' or shallower. Plug #4 - 745-620', 50 sx open hole plug, WOC and tag at 620' or shallower. Plug #5 - 500-0, 195 sx open hole shoe/surface plug, WOC and tag if cement does not circulate to surface and stay.
2 COAs	

Attachment List

Att Doc Num

Name

403077470	FORM 6 INTENT SUBMITTED
403077521	PROPOSED PLUGGING PROCEDURE
403077524	WELLBORE DIAGRAM
403077526	WELLBORE DIAGRAM
403077527	LOCATION PHOTO
403087206	SURFACE OWNER CONSENT

Total Attach: 6 Files

General Comments

User Group

Comment

Comment Date

Engineer	Groundwater: Fox Hills, Upper Pierre Deepest water well: 1170(2mi, 6 wells) UP Log: 123-19872 12/30/99 GR 4873 L-FH base 480' UP 1000-1500'	06/30/2022
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Total: 1 comment(s)