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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Date Received: 11/11/2021

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: Kenneth Landtroop

Name of Operator: VERDAD RESOURCES LLC Phone: (806) 5188578

Address: 1125 17TH STREET SUITE 550 Fax:

City: DENVER State: CO Zip: 80202 Email: klandtroop@verdadresources.com

For "Intent" 24 hour notice required, COGCC contact: Name: Petrie, Erica Tel: (303) 726-3822 Email: erica.petrie@state.co.us

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

API Number 05-123-41243-00

Well Name: PTASNIK Well Number: 4-30-9-59

Location: QtrQtr: Lot 4 Section: 30 Township: 9N Range: 59W Meridian: 6

County: WELD Federal, Indian or State Lease Number:

Field Name: DJ HORIZONTAL NIOBRARA Field Number: 16950

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.715190 Longitude: -104.028730

GPS Data: GPS Quality Value: 1.4 Type of GPS Quality Value: Date of Measurement: 09/22/2015

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems

☒ Other Adding wells to nearby pad

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
NIOBRARA	6130	10931			

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
CONDUCTOR	24	16	API 5L	36.9	0	60	8	60	0	VISU
SURF	12+1/4	9+5/8	J-55	36	0	1650	485	1650	0	VISU
1ST	8+3/4	7	N-80	23	0	6341	439	6341	1670	CBL
2ND	6+1/8	4+1/2	P-110	11.6	0	10889				

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6141 with _____ sacks cmt on top. CIBP #2: Depth 2600 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 21 sks cmt from 2600 ft. to 2500 ft. Plug Type: CASING Plug Tagged: ☐

Set 5 sks cmt from 581 ft. to 554 ft. Plug Type: CASING Plug Tagged: ☐

Set 50 sks cmt from 250 ft. to 0 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 6091 ft. with 25 sacks. Leave at least 100 ft. in casing 6041 CICR Depth

Perforate and squeeze at 681 ft. with 125 sacks. Leave at least 100 ft. in casing 581 CICR Depth

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

(Cast Iron Cement Retainer Depth)

Set 20 sacks half in. half out surface casing from 1700 ft. to 1600 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:

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

Signed: _____ Print Name: Kenneth Landtroop

Title: Prod Engineer Date: 11/11/2021 Email: klandtroop@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: 11/20/2021

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 5/19/2022

Condition of Approval

COA Type	Description
	Bradenhead Testing 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. 1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) 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. If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.
	Plugging 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) 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 Workplans 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. AbandonmAG57:AG59ent 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. 8) Run a log to determine the depth to the top of the liner hanger assembly. Set CIBP 100' above liner hanger assembly top, perf 50' above CIBP, set CICR 50' above perfs, squeeze 25 sx into the retainer, sting out and spot 5 sx on top of CICR. Procedure depths are based on a liner hanger depth of 6241' and will have to be adjusted when the actual liner hanger depth is determined. 9) Place 21 sx balanced plug at 1700-1600', WOC and tag at 1600' or shallower. 10) Squeeze at 681' is intended to circulate cement to the surface. Notify COGCC Area Engineer if this is not achieved. 11) Increase surface casing plug to 250-0', adjust cement volume accordingly.
	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.
3 COAs	

Attachment List

Att Doc Num	Name
402818524	FORM 6 INTENT SUBMITTED
402868331	WELLBORE DIAGRAM
402868332	PROPOSED PLUGGING PROCEDURE
402868334	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Engineer	Groundwater: Laramie-Fox Hills, Upper Pierre Deepest Water Well: 375+4918-5010=283' Log: 123-05599 11/13/51 GR 4911 WR base 200', L-FH base 624+7=631', UP base 1639+7=1646'	11/20/2021
Engineer	Emailed Operator with corrections that need to be made before resubmitting. Return to Draft.	11/02/2021
Permit	-Confirmed as-drilled well location. -No other forms in process. -Corrected zones tab per docnum: 401103576. -Production reporting up-to-date. -Reviewed WBDs and procedure. -Pass.	09/22/2021

Total: 3 comment(s)