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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: 69175 Contact Name: Valerie Danson
 Name of Operator: PDC ENERGY INC Phone: (970) 506-9272
 Address: 1775 SHERMAN STREET - STE 3000 Fax: _____
 City: DENVER State: CO Zip: 80203 Email: valerie.danson@pdce.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 Email: _____
COGCC contact:

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

API Number 05-123-20148-00
 Well Name: SEELE Well Number: 41-31
 Location: QtrQtr: NENE Section: 31 Township: 4N Range: 67W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.275810 Longitude: -104.925440
 GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: _____ Date of Measurement: 07/15/2010
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 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
CODELL	7368	7378	09/24/2021	B PLUG CEMENT TOP	7318

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	24	0	397	280	397	0	VISU
1ST	7+7/8	4+1/2	J55	10.5	0	7583	190	7583	6385	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7318 with 2 sacks cmt on top. CIBP #2: Depth 6990 with 2 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 10 sks cmt from 4470 ft. to 4339 ft. Plug Type: CASING Plug Tagged:
 Set 103 sks cmt from 3202 ft. to 2900 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 100 sks cmt from 1461 ft. to 1225 ft. Plug Type: OPEN HOLE 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 4656 ft. with 90 sacks. Leave at least 100 ft. in casing 4471 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 380 sacks half in. half out surface casing from 612 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: 3100 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 35
 Surface Plug Setting Date: 09/28/2021 Cut and Cap Date: 11/02/2021
 *Wireline Contractor: Ranger Energy Services *Cementing Contractor: DUCO Inc. Cementing Services
 Type of Cement and Additives Used: Class G 15.8 PPG Cement
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Seele 41-31 (05-123-20148)/Plugging Procedure
 Producing Formation: Codell: 7368'-7378'
 Upper Pierre Aquifer: 440'-1350'
 TD: 7600' PBTD: 7476' (3/3/04)
 Surface Casing: 8 5/8" 24# @ 397' w/ 280 sxs cmt
 Production Casing: 4 1/2" 10.5# @ 7583' w/ 190 sxs cmt (TOC @ 6385' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7318'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Codell perms @ 7368')
4. Ran a CBL from 5000' to Surface.
5. Pressure tested the CIBP at 7318', test failed. Ran a packer, found holes in casing from 3016'-3048'. Contacted the State, moved forward with the approved procedure change.
6. TIH with CIBP. Set BP at 6990'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 7040')
7. TIH with perf gun. Shoot lower squeeze holes at 4656' and upper squeeze holes at 4456'.
8. TIH with CICR. Set CICR at 4471'. RU cementing company. Sting in and pump 100 sxs 15.8#/gal CI G cement. Sting out and leave 10 sxs (of the 100 sxs) cement on top of CICR. (Top of Shannon @ 4706') TOC at 4339'.
9. TIH with casing cutter. Cut 4 1/2" casing @ 3100'. Pull cut casing.
10. TIH with tubing to 3202'. Mix and pump 103 sxs 15.8#/gal CI G cement down tubing. (Stub plug from 3200'-2900') TOC at 2900'.
11. Wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or fluid migration, contact engineering before continuing operations.
12. TIH with tubing to 1461'. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Pierre coverage from 1450'-1250') TOC tagged at 1225'.
13. Pick up with tubing to 612'. Mix and pump 380 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
14. Well casing cut and capped per COGCC guidelines at a depth as not to interfere with soil cultivation.

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

Signed: _____

Print Name: Valerie Danson

Title: Reg Analyst

Date: _____

Email: valerie.danson@pdce.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: _____

Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____

<u>COA Type</u>	<u>Description</u>

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402901718	CEMENT BOND LOG
402901719	CEMENT JOB SUMMARY
402901720	OTHER
402901721	OTHER
402901722	OPERATIONS SUMMARY
402901723	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)