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403007089

Date Received:
04/07/2022

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: _____
 COGCC contact: Email: _____

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

API Number 05-123-16521-00 Well Number: 3
 Well Name: SEELEY LAKE
 Location: QtrQtr: NESW Section: 24 Township: 6N Range: 66W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 59859
 Field Name: BRACEWELL Field Number: 7487

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.472188 Longitude: -104.727614
 GPS Data: GPS Quality Value: 2.1 Type of GPS Quality Value: PDOP Date of Measurement: 01/21/2010

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	7102	7112	01/18/2022	B PLUG CEMENT TOP	7052

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	387	275	387	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7219	175	7219	6356	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7052 with 2 sacks cmt on top. CIBP #2: Depth 6746 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 100 sks cmt from 2772 ft. to 2500 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 100 sks cmt from 1549 ft. to 1340 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:
 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 535 sacks half in. half out surface casing from 664 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: 2700 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 71
 Surface Plug Setting Date: 01/20/2022 Cut and Cap Date: 04/01/2022
 *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:

Seeley Lake 3 (05-123-16521) / Plugging Procedure
 Producing Formation: Codell: 7102'-7112'

Upper Pierre Aquifer: 440'-1440'

Deepest Water Well: 328'
 TD: 7250' PBD: 7192' (12/22/1998)
 Surface Casing: 8 5/8" 24# @ 387' w/ 275 sxs cmt
 Production Casing: 4 1/2" 11.6# @ 7219' w/ 175 sxs (TOC @ 6356' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7052'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Codell perms @ 7102')
4. Pressure tested casing, test failed. Ran a packer, hunted holes and contacted the State. Moved forward with the approved procedure change.
5. TIH with CIBP. Set BP at 6746'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6796')
6. Ran a Strip Log from 3000' to Surface (for casing cut verification, log not kept).
7. TIH with casing cutter. Cut 4 1/2" casing @ 2700'. Pull cut casing.
8. TIH with tubing to 2772'. RU cementing company. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Stub Plug from 2750'-2500') TOC at 2500'.
9. TIH with tubing to 1549'. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing. (Pierre Coverage from 1540'-1340') TOC at 1340'.
10. Pick up with tubing to 664'. Mix and pump 535 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
11. 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: 4/7/2022 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: Jacobson, Eric Date: 8/8/2022

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type	Description
0 COA	

Attachment List

Att Doc Num	Name
403007089	FORM 6 SUBSEQUENT SUBMITTED
403007156	CEMENT JOB SUMMARY
403007157	OTHER
403007158	OTHER
403007159	OPERATIONS SUMMARY
403007160	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)