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 403029312
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 05/26/2022

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: _____
 Email: _____

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

API Number 05-123-24976-00
 Well Name: HURST Well Number: 7-20
 Location: QtrQtr: NWNE Section: 20 Township: 5N Range: 66W 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: 40.389256 Longitude: -104.800936
 GPS Data: GPS Quality Value: 2.4 Type of GPS Quality Value: PDOP Date of Measurement: 06/08/2009

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
NIOBRARA-CODELL	7156	7498	02/07/2022	B PLUG CEMENT TOP	7106

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	832	530	832	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7638	875	7638	995	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7106 with 2 sacks cmt on top. CIBP #2: Depth 2500 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 26 sks cmt from 1684 ft. to 1335 ft. Plug Type: CASING Plug Tagged:
Set 120 sks cmt from 1060 ft. to 727 ft. Plug Type: STUB PLUG 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 235 sacks half in. half out surface casing from 655 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: 950 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 93
Surface Plug Setting Date: 02/08/2022 Cut and Cap Date: 05/12/2022
*Wireline Contractor: SureFire Wireline 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:

Hurst 7-20 (05-123-24976) / Plugging Procedure
Producing Formations: Niobrara/Codell: 7156'-7498'

Upper Pierre Aquifer: 530'-1500'

Deepest Water Well: 95'
TD: 7650' PBD: 7567' (4/23/2009)
Surface Casing: 8 5/8" 24# @ 832' w/ 530 sxs cmt
Production Casing: 4 1/2" 11.6# @ 7638' w/ 875 sxs (TOC @ 995' - CBL)

Procedure:

1. MIRU. Pull tubing if present.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7106'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Nio perms @ 7156')
4. TIH with CIBP. Set BP at 2500'. Top with 2 sxs 15.8#/gal CI G cement.
5. Ran a CBL from 1200' to Surface.
6. TIH with casing cutter. Cut 4 1/2" casing @ 950'. Pull cut casing.
7. TIH with tubing to 1684'. RU cementing company. Mix and pump 26 sxs 15.8#/gal CI G cement down tubing. (Pierre Coverage from 1665'-1335') TOC at 1335'.
8. TIH with tubing to 1060'. Mix and pump 120 sxs 15.8#/gal CI G cement down tubing. (Stub plug from 1050'-732') TOC tagged at 727'.
9. Pick up with tubing to 655'. Mix and pump 235 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
10. 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: 5/26/2022 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: 8/18/2022

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type	Description
0 COA	

Attachment List

Att Doc Num	Name
403029312	FORM 6 SUBSEQUENT SUBMITTED
403029342	CEMENT BOND LOG
403029346	CEMENT JOB SUMMARY
403029348	OPERATIONS SUMMARY
403029353	WELLBORE DIAGRAM
403060983	OTHER

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)