

Document Number:
402694927

Date Received:
08/02/2021

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: 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 05-123-32636-00
 Well Name: NOCO ENERGIE Well Number: 3-3
 Location: QtrQtr: NENW Section: 3 Township: 6N Range: 65W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: EATON Field Number: 19350

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.520389 Longitude: -104.653866
 GPS Data: GPS Quality Value: 2.0 Type of GPS Quality Value: _____ Date of Measurement: 04/15/2011

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	7155	7172	03/18/2021	B PLUG CEMENT TOP	7105

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		24	0	625	440	625	0	VISU
1ST	7+7/8	4+1/2		11.6	0	7403	900	7403	240	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7105 with 2 sacks cmt on top. CIBP #2: Depth 6832 with 2 sacks cmt on top.
 CIBP #3: Depth 2500 with 2 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 31 sks cmt from 1564 ft. to 1160 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:
 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 210 ft. with 65 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 64 sacks half in. half out surface casing from 827 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 5
 Surface Plug Setting Date: 03/19/2021 Cut and Cap Date: 03/24/2021

*Wireline Contractor: Rocky Mtn Wireline Services *Cementing Contractor: NexTier 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:

NOCO Energie 3-3 (05-123-32636)/Plugging Procedure
 Producing Formation: Codell: 7155'-7172'
 Water Well (1-mile): 485'
 Upper Pierre Aquifer: 380'-1360'
 TD: 7417' PBD: 7380' (Form 5 – Date not available)
 Surface Casing: 8 5/8" 24# @ 625' w/ 440 sx cmt
 Production Casing: 4 1/2" 11.6# @ 7403' w/ 900 sx cmt (TOC @ 624' – Form 5)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company
3. TIH with CIBP. Set BP at 7105'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Codell perms 7155')
4. TIH with CIBP. Set BP at 6832'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6882')
5. TIH with CIBP. Set BP at 2500'. Top with 2 sxs 15.8#/gal CI G cement.
6. Run a CBL from 1200' to Surface. Log showed good/fair cement bond to 235', contacted the State moved forward with the approved procedure change.
7. TIH with perf gun. Shoot squeeze holes @ 210'.
8. TIH with tubing to 1564'. RU cementing company. Mix and pump 31 sxs 15.8#/gal CI G cement down tubing (Pierre coverage 1560'-1160'). TOC at 1160'.
9. PU tubing to 827'. Mix and pump 64 sxs 15.8#/gal CI G cement down tubing. Cement circulate to surface.
10. Close off casing returns. Hook up cement line to cement flange and pump 65 sxs 15.8#/gal CI G cement downhole and squeeze through perms @ 210' into annular space. 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 Tech Date: 8/2/2021 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: 9/27/2021

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type	Description
0 COA	

Attachment List

Att Doc Num	Name
402694927	FORM 6 SUBSEQUENT SUBMITTED
402694928	CEMENT BOND LOG
402694929	CEMENT JOB SUMMARY
402694930	OTHER
402694931	OTHER
402694932	WELLBORE DIAGRAM
402694933	OPERATIONS SUMMARY

Total Attach: 7 Files

General Comments

User Group	Comment	Comment Date
	Form 17 submitted late	09/24/2021

Total: 1 comment(s)