

Document Number:
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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: _____
COGCC contact: Email: _____

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

API Number 05-123-24818-00
 Well Name: DALTON Well Number: 24-24
 Location: QtrQtr: SESW Section: 24 Township: 7N Range: 66W 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: 40.554888 Longitude: -104.728644
 GPS Data: GPS Quality Value: _____ Type of GPS Quality Value: Accuracy in Meters Date of Measurement: 11/20/2020

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	7172	7362	12/04/2020	B PLUG CEMENT TOP	7122

Total: 1 zone(s)

Casing History

(Empty area for 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	589	410	589	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7563	715	7563	6504	CBL
S.C. 1.1						5790	560	5790	0	CBL

Subsurface hazards include, but are not limited to, the following: overpressured zones, underpressured zones, major geologic faults, salt sections, H2S at concentrations greater than or equal to 100 ppm.

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7122 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 _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

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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

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

(Cast Iron Cement Retainer Depth)

Set 144 sacks half in. half out surface casing from 1690 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

Surface Plug Setting Date: 12/04/2020 Cut and Cap Date: 12/04/2020 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 0

*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:

Dalton 24-24 (05-123-24818)/Plugging Procedure
Producing Formation: Niobrara/Codell: 7172'-7362'

Upper Pierre Aquifer: 380'-1590'

TD: 7567" PBD: 7276' (11/19/19)
Surface Casing: 8 5/8" 24# @ 589' w/ 410 sxs cmt
Production Casing: 4 1/2" 11.6# @ 7563' w/ 725 sxs (TOC @ Surface - CBL)
Existing CIBP @ 7302' w/ 2 sxs (11/18/2019)
Existing RBP @ 7085' w/ 2 sxs sand (11/18/2019)

Procedure:

1. MIRU. RIH and wash down to sand plug, pull and release RBP @ 7085'.
2. RU wireline company.
3. TIH with CIBP. Set BP at 7122'. Top with 2 sx 15.8#/gal CI G cement. (Top of Nio perms @ 7172')
4. TIH with CIBP. Set BP at 2500'. Top with 2 sx 15.8#/gal CI G cement.
5. TIH with tubing to 1690'. RU cementing company. Mix and pump 144 sx 15.8#/gal CI G cement down tubing. Cement circulate to surface. (Surface plug/Pierre Coverage from 1690' - Surface)
6. Cut surface casing 6' below ground level and weld on cap.

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: _____ 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: _____

COA Type	Description

Attachment Check List

Att Doc Num	Name
402564960	CEMENT JOB SUMMARY
402564961	OPERATIONS SUMMARY
402564962	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)