

FORM
6Rev
11/20

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

402631669

Date Received:

03/17/2021

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 05-123-20302-00

Well Name: MATTIE

Well Number: 1

Location: QtrQtr: SENW Section: 29 Township: 4N 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: 40.284756

Longitude: -104.803770

GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: Date of Measurement: 01/16/2015

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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	6984	7276	01/28/2021	B PLUG CEMENT TOP	6934

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	435	345	435	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	7356	700	7356	175	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6934 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: <input type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 1360 ft. with 37 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 106 sacks half in. half out surface casing from 1081 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
 Surface Plug Setting Date: 02/01/2021 Cut and Cap Date: 02/12/2021 to Capping or Sealing the Well: 11

*Wireline Contractor: Rocky Mtn Wireline Services

*Cementing Contractor: Rock Hard 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:

Mattie 1 (05-123-20302)/Plugging Procedure
 Producing Formation: Niobrara/Codell: 6984'-7276'

Upper Pierre Aquifer: 450'-1370'

TD: 7365' PBTD: 7330' (1/16/17)

Surface Casing: 8 5/8" 24# @ 435' w/ 345 sxs cmt

Production Casing: 4 1/2" 11.6# @ 7356' w/ 700 sxs (TOC @ 1360' - CBL)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6934'. Top with 2 sx 15.8#/gal CI G cement. (Top of Nio perms @ 6984')
4. TIH with CIBP. Set BP at 2500'. Top with 2 sx 15.8#/gal CI G cement.
5. Ran a CBL from 1530' to Surface (Showed TOC @ 1360'). Contacted the State, moved forward with the approved procedure change.
6. TIH with perf gun. Shoot holes at 1360'.
7. TIH with tubing to 1487'. RU cementing company. Mix and pump 37 sx 15.8#/gal CI G cement down tubing and through squeeze holes at 1360'. TOC tagged at 1081'. (Pierre Coverage from 1470'-Surface)
8. TIH with tubing to 1081'. Mix and pump 106 sx 15.8#/gal CI G cement down tubing. Cement circulate to surface.
9. 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: 3/17/2021

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: 6/25/2021

CONDITIONS OF APPROVAL, IF ANY:**Condition of Approval****COA Type****Description**

0 COA

Attachment List**Att Doc Num****Name**

402631669	FORM 6 SUBSEQUENT SUBMITTED
402631730	CEMENT BOND LOG
402631731	CEMENT JOB SUMMARY
402631757	OTHER
402631760	OPERATIONS SUMMARY
402631762	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments**User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)