

FORM

6

Rev
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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Replug By Other Operator

Document Number:

403377561

Date Received:

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: 1099 18TH STREET SUITE 1500

Fax:

City: DENVER

State: CO

Zip: 80202

Email: valerie.danson@pdce.com

For "Intent" 24 hour notice required,

Name: Medina, Justin

Tel: (720) 471-0006

COGCC contact:

Email: justin.medina@state.co.us

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

API Number 05-001-07020-00

Well Name: MATTIVE & SONS INC

Well Number: 1

Location: QtrQtr: SWSE

Section: 8

Township: 1S

Range: 66W

Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.974700

Longitude: -104.797290

GPS Data: GPS Quality Value: 1.0 Type of GPS Quality Value: PDOP Date of Measurement: 05/08/2023

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Re-enter to Re-plug for PDC's Brant developmentCasing 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
J SAND	8099	8136	09/21/1994	B PLUG CEMENT TOP	8050

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	216	70	216	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	8180	200	8180	7651	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIBP #2: Depth _____ with _____ 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 237 sks cmt from 7172 ft. to 6672 ft. Plug Type: OPEN HOLE Plug Tagged: ☒

Set 237 sks cmt from 3500 ft. to 3000 ft. Plug Type: OPEN HOLE Plug Tagged: ☐

Set 94 sks cmt from 2247 ft. to 2047 ft. Plug Type: OPEN HOLE Plug Tagged: ☒

Set 94 sks cmt from 1240 ft. to 1040 ft. Plug Type: OPEN HOLE 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 162 sacks half in. half out surface casing from 416 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: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____

*Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Mattive & Sons Inc 1 (05-001-07020)/Re-Enter to Re-Plug Procedure (Intent)

Original Abandon Date: 9/21/1994

Abandoned Formation: J-Sand: 8099'-8136'

Upper Pierre Aquifer: 1140'-2147'

TD: 8180'

Surface Casing: 8 5/8" 24# @ 216' w/ 70 sxs cmt

Open Hole: 7 7/8" @ 216'-7533'

Production Casing: 4 1/2" 11.6# @ 8180'-7533' w/ 200 sxs cmt (TOC @ 7651' - Calc)

Existing Plugs: CIBP @ 8050' w/ 2 sx cmt, 1306'-1222' (40 sxs cmt), 703'-619' (40 sxs cmt), 250' -166' (40 sxs cmt) 32'-Surface (10 sx cmt)

Proposed Procedure:

1. Dig out to find wellhead and check pressure.
2. Cut cap off, extend surface pipe to achieve ground level.
3. MIRU WO unit, ND wellhead, NU BOP, tally all pipe to be ran in well.
4. Mill cement, cement btm is approximately 1306' according to well history data.
5. Wash run down to Existing CIBP @ 8050' or depth that well allows.
6. PU tubing to 7172'. RU cementing company. Mix and pump 237 sxs 15.8#/gal CI G cement down tubing. (Top of Niobrara @ 7222', Coverage from 7172' to 6672') PU tubing above plug and SI well.
 - a. Wait 4 hours and tag plug
7. PU tubing to 3500'. Mix and pump 237 sxs 15.8#/gal CI G cement down tubing. (Coverage from 3500'-3000')
8. PU tubing to 2247'. Mix and pump 94 sxs 15.8#/gal CI G cement down tubing. (Lower Pierre Aquifer coverage from 2247'-2047') PU tubing above plug and SI well.
 - a. Wait 4 hours and tag plug
9. PU tubing to 1240'. Mix and pump 94 sxs 15.8#/gal CI G cement down tubing (Upper Pierre Aquifer coverage from 1240'-1040') PU tubing above plug and SI well.
 - a. Wait 4 hours and tag plug
10. PU tubing to 416'. RU cementing company. Mix and pump 162 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface. Top off if necessary.
11. RDMO WO unit. Remove extension of surface pipe.
12. Weld on cap with ID plate, inscribed with well location, and identity. Backfill, clean location. Re-Entry complete.

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: _____

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: _____

Expiration Date: _____

COA Type

Description

0 COA	

Attachment List

Att Doc Num

Name

403377613	WELLBORE DIAGRAM
403377617	WELLBORE DIAGRAM
403406501	LOCATION PHOTO
403406502	SURFACE OWNER CONSENT

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)