FORM 6 Rev 12/05

State of Colorado
Oil and Gas Conservation Commission

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

DE	ET	OE	ES

Document Number: 401489687

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: Jenifer Hakkarinen

Name of Operator: PDC ENERGY INC Phone: (303) 8605800

Address: 1775 SHERMAN STREET - STE 3000 Fax:

City: DENVER State: CO Zip: 80203 Email: Jenifer.Hakkarinen@pdce.com

For "Intent" 24 hour notice required, COGCC contact: Name: O'Donnell, Shaun Tel: (720) 305-8280 Email: shaun.odonnell@state.co.us

API Number 05-123-11509-00

Well Name: MELLON Well Number: 28-2

Location: QtrQtr: SESW Section: 28 Township: 5N Range: 67W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 65461

Field Name: WATTENBERG Field Number: 90750

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.364970 Longitude: -104.900440

GPS Data:

Date of Measurement: 07/25/2007 PDOP Reading: 2.4 GPS Instrument Operator's Name: Holly L. Tracy

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems

☐ Other

Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 550

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	7000	7010			
NIOBRARA	6690	6801			

Total: 2 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	331	225	331	0	VISU
1ST	7+7/8	4+1/2	11.6	7,094	225	7,094	6,242	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6640 with 2 sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.

CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 305 sks cmt from 600 ft. to 0 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: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 4600 ft. with 145 sacks. Leave at least 100 ft. in casing 4315 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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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 Plugging Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Mellon 28-2 (05-123-11509)/Plugging Procedure (Intent)
Producing Formation (Perforations): Niobrara: 6690'-6801' Codell: 7000'-7010'
TD: 7105' PBTD: 7015'
Surface Casing: 8 5/8" 24# @ 331' w/ 225 sxs
Production Casing: 4 1/2" 11.6# @ 7094' w/ 225 sxs cmt (TOC @ 6242' - CBL).

Tubing: 2 3/8" tubing set @ 6986' (4/29/2008).
Proposed Procedure:
1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6640'. Top with 2 sxs 15.8#/gal Cl G cement.
4. Shoot lower squeeze holes at 4600'. Shoot upper squeeze holes at 4300'.
5. Set CICR at 4315'. Sting in and pump 145 sxs 15.8#/gal Cl G cement. Sting out and pump 10 sxs on top of CICR.
6. TIH with casing cutter. Cut 4 ½" casing at 550'. Pull cut casing.
7. TIH with tubing to 600'. RU cementing company. Mix and pump 305 sxs 15.8#/gal Cl G cement down tubing. Cement should circulate to surface.
8. Cut surface casing 6' below ground level and weld on cap.

If there is bradenhead pressure:
1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6640'. Top with 2 sxs 15.8#/gal Cl G cement.
4. Shoot lower squeeze holes at 4600'. Shoot upper squeeze holes at 4300'.
5. Set CICR at 4315'. Sting in and pump 145 sxs 15.8#/gal Cl G cement. Sting out and pump 10 sxs on top of CICR.
6. TIH with casing cutter. Cut 4 ½" casing at 1500'. Pull cut casing.
7. TIH with tubing to 1550'. RU cementing company. Mix and pump 75 sxs 15.8#/gal Cl G cement down tubing. Wait 8 hours or overnight. Check to see if there is any bradenhead pressure or fluid flow after stub plug is set. If there is, contact COGCC for further guidance. If there is not, move on to step 8.
8. TIH with tubing to 550'. RU cementing company. Mix and pump 400 sxs 15.8#/gal Cl G cement down tubing. Cement should 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: Jenifer Hakkarinen

Title: Reg TEch Date: _____ Email: Jenifer.Hakkarinen@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

Attachment Check List

Att Doc Num	Name
401489692	GYRO SURVEY
401489693	WELLBORE DIAGRAM
401489694	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)