

FORM
6Rev
05/18State 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:

401187888

Date Received:

10/03/2018

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: Kelsi Welch

Name of Operator: PDC ENERGY INC

Phone: (303) 831-3974

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: kelsi.welch@pdce.com

For "Intent" 24 hour notice required,

Name: Tel:

COGCC contact:

Email:

API Number 05-123-12100-00

Well Name: DUNN/MILLER

Well Number: 1

Location: QtrQtr: NWSW Section: 17 Township: 5N Range: 64W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 56532

Field Name: KERSEY

Field Number: 44600

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.397360

Longitude: -104.581030

GPS Data:

Date of Measurement: 08/22/2010

PDOP Reading: 1.2

GPS Instrument Operator's Name: Holly L. Tracy

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 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	6858	6867	10/12/2016	B PLUG CEMENT TOP	6510
NIOBRARA	6560	6769	10/12/2016	B PLUG CEMENT TOP	6510

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	9+5/8	36	310	350	310	0	VISU
1ST	7+7/8	4+1/2	11.6	6,980	175	6,980	5,667	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3034 with 2 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 19 sks cmt from 3334 ft. to 3084 ft. Plug Type: CASING Plug Tagged: ☐
Set 398 sks cmt from 700 ft. to 153 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: ☐

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 _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged: ☐

Set 25 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: 600 ft. of 4+1/2 inch casing Plugging Date: 12/21/2016

*Wireline Contractor: Magna

*Cementing Contractor: Bayou

Type of Cement and Additives Used: 15.8 ppg 1.15 Yield

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

*ATTACH JOB SUMMARY

Technical Detail/Comments:

Proposed Plugging Procedure
Dunn-Miller 1 (05123121000000)

Existing Perforations:

Nio: 6,560' – 6,769'
Codell: 7,392' – 7,402'
Current PBDT: 6,938'

Surface Csg: 9-5/8" 36# @ 310' w/ 350 sxs cmt (TOC @ surface)
Production Csg: 4-1/2" 11.6# @ 6,980' w/ 175 sxs cmt (TOC @ 5,667')

Existing CIBP at 6510'

Parkman Top @ 3,517'
Sussex Top @ 4,188'
Niobrara Top @ 6,548'

Procedure:

1. MIRU WO rig. Load and kill well.
2. POOH w/ 200 jts of 2-3/8" tbg. Load well.
3. MIRU WL unit. RIH and log well from 6,000' to surface.
4. RIH with tubing to 3334'. Pump 19 sacks of 15.8 ppg 1.15 Yield cement across casing leak 3334' – 3084' (Holes at 3221'-3190')
5. RIH with CIBP. Set CIBP at 3034'. Dump bail 2 sacks of cement on top of plug.
6. Cut 4 1/2" Production casing @600' (290' below shoe). Pull casing. RIH with tubing to 700'. Circulate and condition hole
7. Pump 398 sacks of 15.8 ppg 1.15 Yield cement from 700' to surface
8. RIH with tubing and tagged TOC at 153'.
9. Pump 25 sacks 15.8 ppg 1.15 Yield cement to top off well
10. WOC

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Kelsi Welch
Title: Production Tech Date: 10/3/2018 Email: kelsi.welch@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: 12/24/2018

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401187888	FORM 6 SUBSEQUENT SUBMITTED
401187894	WIRELINE JOB SUMMARY
401187895	CEMENT JOB SUMMARY
401187896	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

Engineer	Requested Form 17 Updated perfs to match Form 5A Form 17 Submitted 12/21/18	10/15/2018
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Total: 1 comment(s)