

FORM
6Rev
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



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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: Christine Brookshire

Name of Operator: PDC ENERGY INC

Phone: (303) 8605800

Address: 1775 SHERMAN STREET - STE 3000

Fax: (303) 8605838

City: DENVER State: CO Zip: 80203

Email: JEnifer.Hakkarinen@pdce.com

For "Intent" 24 hour notice required,

Name: _____

Tel: _____

COGCC contact:

Email: _____

API Number 05-123-11545-00

Well Name: Anderson

Well Number: 1

Location: QtrQtr: SESE Section: 6 Township: 6N Range: 65W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: _____

Field Name: EATON

Field Number: 19350

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.511713

Longitude: -104.699020

GPS Data:

Date of Measurement: 11/15/2013

PDOP Reading: 6.0

GPS Instrument Operator's Name: COGCC

Reason for Abandonment:

☐ Dry☐ Production for 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
CODELL	7156	7166	11/27/2013	B PLUG CEMENT TOP	6650

Total: 1 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	312	250	312	0	
1ST	7	4+1/2	11.6	7,261	216	7,261	0	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6650 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 _____ 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: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 6120 ft. with 240 sacks. Leave at least 100 ft. in casing 5640 CICR Depth

Perforate and squeeze at 4700 ft. with 390 sacks. Leave at least 100 ft. in casing 3722 CICR Depth

Perforate and squeeze at 600 ft. with 454 sacks. Leave at least 100 ft. in casing 390 CICR Depth

(Cast Iron Cement Retainer Depth)

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

Set 10 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: 11/27/2013

*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:

This well was plugged using old offset option #3, when a form 2 was used as the intent.

Plugging Procedure for Anderson 1 (re-entry) Codell
Existing Perforations:

Codell: 7156'-7166' Squeeze holes: 360' PBTD: 7261'
8 5/8" 24# @ 312' W/ 250 sks cmt.

4 1/2" 11.6# @ 7261' w/ 216 sks cmt

Procedure:

- 1)MIRU Excavation crew
- 2)Locate and dig up old wellhead
- 3)Cut old casing and weld new casing stub to bring to surface, fill in hole
- 4)MIRU workover rig
- 5)RIH w/ bit, tag and drill through surface plug
- 6)Clean out to CIBP @ 6650'
- 7)MIRU Wireline and RIH w/ CBL to locate cement top, found at 6140'
- 8)TIH to dump more cement on top of existing CIBP
- 9) Shoot squeezes at 6120' and 5620'.
- 10)Set cement retainer at 5640' and pumped 240 sacks down to 6140'.
- 13)Set cement retainer @ 3722'
- 14)Pump cement to cover from 3724'-5640' in annulus and casing
- 15)Shoot squeeze holes @ 600' and just below existing surface plug
- 16)Set cement retainer at 390'.
- 17)TIH circulate cement to cover from 390' to surface.
- 19)Dump 10 sx at surface

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

Signed: _____ Print Name: Christine Brookshire
Title: Regulatory Tech Date: _____ Email: christine.brookshire@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: _____

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400633549	WELLBORE DIAGRAM
400633552	CEMENT JOB SUMMARY
400633555	WIRELINE JOB SUMMARY

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)