

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



DE ET OE ES

Replug By Other Operator

Document Number:

400540650

Date Received:

01/21/2014

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) 860-5800

Address: 1775 SHERMAN STREET - STE 3000

Fax: (303) 860-5838

City: DENVER State: CO Zip: 80203

Email: christine.brookshire@pdce.com

For "Intent" 24 hour notice required,

Name: Gomez, Jason

Tel: (970) 573-1277

COGCC contact:

Email: jason.gomez@state.co.us

API Number 05-123-11374-00

Well Name: ANDERSON

Well Number: 1-10-6-66

Location: QtrQtr: SESE Section: 10 Township: 6N Range: 66W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 55618

Field Name: EATON

Field Number: 90750

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.497453

Longitude: -104.756442

GPS Data:

Date of Measurement: 01/15/2014

PDOP Reading: 6.0

GPS Instrument Operator's Name: COGCC Database

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☒ Other Re-enter to re-plug, Offset Option #3Casing 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	7288	7300			

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	295	200	295	0	
1ST	8+5/8	4+1/2	11.6	7,342	0	7,342	0	

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 50 sks cmt from 5765 ft. to 5865 ft. Plug Type: STUB PLUG Plug Tagged: ☒

Set 200 sks cmt from 3500 ft. to 4200 ft. Plug Type: OPEN HOLE 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 175 sacks half in. half out surface casing from 500 ft. to 0 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: _____

*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:

Purpose is to re-enter and adequately re-plug prior to hydraulic stimulation of proposed horizontal well per DJ Basin Offset Policy, dated December 16, 2013.

Closed loop system will be used.

This is our proposed re-entry & re-plugging procedure:

Plugging Procedure

Codell

Existing Perforations:

Codell: 7288'-7300'

PBTD: 7342'

8 5/8" 24# @ 295' W/ 200 sks cmt.

4 1/2" 11.6# @ 7342' w/ ??? sks cmt (not found on COGCC website)

(ORIGINAL P&A (1995):

BP @ 5810' w/2 sx cement

4 1/2 casing cut 5865, pulled

35 sx 1/2 in 1/2 out surface casing (295')

10 sx cement @ top surface)

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)RIH to tag casing stub @ 5765'

7)Set 50 sack stub plug @ 5765' - 5665'

8)TIH to tag stub plug

9) TOH to set 200 sack plug @ Parkman/Sussex (~3500'--4200')

10) Tag plug

11)TOH and cement 175 sacs cement 500' to surface

12)Set 10 sx @ top of surface

13)Cut casing and weld on cap

Attachments: Proposed Wellbore Diagram, current wellbore diagram, surface owner consent, & photos.

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 Analyst Date: 1/21/2014 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: HICKEY, MIKE Date: 1/27/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 7/26/2014

COA Type **Description**

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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400540650	FORM 6 INTENT SUBMITTED
400540727	WELLBORE DIAGRAM
400540728	WELLBORE DIAGRAM
400542532	OTHER
400543410	OTHER

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)