

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:

401437956

Date Received:

11/01/2017

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: O'Donnell, Shaun

Tel: (720) 305-8280

COGCC contact:

Email: shaun.odonnell@state.co.us

API Number 05-123-11817-00

Well Name: OWL CREEK

Well Number: 3

Location: QtrQtr: NENW Section: 15 Township: 6N Range: 64W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 63399

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: 40.491324

Longitude: -104.538195

GPS Data:

Date of Measurement:

PDOP Reading:

GPS Instrument Operator's Name:

Reason for Abandonment: ☐ Dry☐ Production Sub-economic☐ Mechanical Problems☒ Other Re-plug required by COACasing 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	6990	6998	05/17/1994	B PLUG CEMENT TOP	6765
NIOBRARA	6812	6886	05/17/1994	B PLUG CEMENT TOP	6765

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	383	280	373	0	
1ST	7+7/8	4+1/2	11.6	7,136	235	7,136	6,204	

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 500 sks cmt from 1000 ft. to 0 ft. Plug Type: CASING 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 _____ 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 _____ 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. _____ inch casing Plugging Date: _____
of _____

*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:

Owl Creek 3 (05-123-11817)/Plugging Procedure (Intent)
Producing Formation (Perforations): Niobrara: 6812'-6886' Codell: 6990'-6998'
TD: 7554' PBD: 7095'
Surface Casing: 8 5/8" 24# @ 383' w/ 280 sxs
Production Casing: 4 1/2" 11.6# @ 7136' w/ 235 sxs cmt (TOC @ 6204'). Existing CIBP @ 6765' w/ 2 sxs cmt. 4 1/2" casing cut @ 6240' w/ 30 sxs cmt stub plug (5/18/1994). Surface casing plug @ 358'-398' (40 sxs). Surface cement stub plug @ Surface - 20' (30 sxs).

Proposed Procedure:

1. MIRU. Drill out existing cement plugs to 1000'.
2. TIH with tubing to 1000'. RU cementing company. Mix and pump 500 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
3. 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: Kelsi Welch
Title: Production Tech Date: 11/1/2017 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: JENKINS, STEVE Date: 11/2/2017

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 5/1/2018

COA Type**Description**

	1) Provide 48 hour notice of plugging MIRU via electronic Form 42.
	Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.
	Returned to draft. Please include as-drilled GPS on the form 6 subsequent. Missing photos from 4 directions.

Attachment Check List**Att Doc Num****Name**

401437956	FORM 6 INTENT SUBMITTED
401437975	WELLBORE DIAGRAM
401437978	WELLBORE DIAGRAM
401445972	SURFACE OWNER CONSENT
401447350	LOCATION PHOTO

Total Attach: 5 Files

General Comments**User Group****Comment****Comment Date**

Public Room	Well file not found for verification - passed task 11/02/17	11/02/2017
-------------	---	------------

Total: 1 comment(s)