

**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.

Document Number:  
402003324

Date Received:  
04/10/2019

OGCC Operator Number: 69175 Contact Name: Valerie Danson

Name of Operator: PDC ENERGY INC Phone: (970) 506-9272

Address: 1775 SHERMAN STREET - STE 3000 Fax: \_\_\_\_\_

City: DENVER State: CO Zip: 80203 Email: valerie.danson@pdce.com

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_

**COGCC contact:** Email: \_\_\_\_\_

API Number 05-123-07253-00

Well Name: LYLA F CARPENTER Well Number: 1

Location: QtrQtr: SESE Section: 30 Township: 5N Range: 64W Meridian: 6

County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: WILDCAT Field Number: 99999

Notice of Intent to Abandon  Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.365653 Longitude: -104.587307

GPS Data:  
Date of Measurement: 01/25/2019 PDOP Reading: 2.2 GPS Instrument Operator's Name: Devon Arnold

Reason for Abandonment:  Dry  Production 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

Total: 0 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	205	200	205	0	VISU
OPEN HOLE	7+7/8			7,592				

## 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	60	sks cmt from	6777	ft. to	6551	ft.	Plug Type: OPEN HOLE	Plug Tagged: <input type="checkbox"/>
Set	80	sks cmt from	5000	ft. to	4653	ft.	Plug Type: OPEN HOLE	Plug Tagged: <input type="checkbox"/>
Set	140	sks cmt from	2937	ft. to	2597	ft.	Plug Type: OPEN HOLE	Plug Tagged: <input type="checkbox"/>
Set	140	sks cmt from	1642	ft. to	1302	ft.	Plug Type: OPEN HOLE	Plug Tagged: <input type="checkbox"/>
Set		sks cmt from		ft. to		ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 165 sacks half in. half out surface casing from 516 ft. to 0 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: 03/11/2019  
 of \_\_\_\_\_  
 \*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: C&J Energy Services  
 Type of Cement and Additives Used: Class G 15.8 PPG Cement & Type III 14.8 PPG Portland Cement  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

Lyla F Carpenter 1 (05-123-07253)/Re-Entry Plugging Procedure  
 Producing Formation: None  
 Upper Pierre Aquifer: 483'-1465'  
 TD: 7592' PBTD: N/A  
 Surface Casing: 8 5/8" 24# @ 205' w/ 200 sxs  
 Production Casing: None

Procedure:

1. MIRU. Drill out existing cement plugs to bottom of Codell at 6980' and ensure all gas is circulated out.
2. TIH with tubing to 6777'. RU cementing company. Mix and pump 60 sxs 15.8#/gal CI G cement down tubing. TOC at 6551'.
3. Pick up tubing to 5000'. Mix and pump 80 sxs 15.8#/gal CI G cement down tubing. TOC at 4653'.
4. Pick up tubing to 2937'. Mix and pump 140 sxs 14.8#/gal Type III cement down tubing. TOC at 2597'.
5. Pick up tubing to 1642'. Mix and pump 140 sxs 14.8#/gal Type III cement down tubing. (Pierre coverage from 1515'-1415'). TOC at 1302'.
6. Pick up tubing to 516'. Mix and pump 165 sxs 14.8#/gal Type III cement down tubing. Cement circulate to surface.
7. 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: Valerie Danson

Title: Reg Tech

Date: 4/10/2019

Email: valerie.danson@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: Strathman, Elliot

Date: 5/31/2019

**CONDITIONS OF APPROVAL, IF ANY:**

<b>COA Type</b>	<b>Description</b>

**Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
402003324	FORM 6 SUBSEQUENT SUBMITTED
402003343	CEMENT JOB SUMMARY
402003366	WELLBORE DIAGRAM

Total Attach: 3 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
		Stamp Upon Approval

Total: 0 comment(s)