

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

Replug By Other Operator

Document Number:

401905601

Date Received:

01/31/2019

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: 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: Santistevan, Brittani

Tel: (303) 984-2100

COGCC contact:

Email: brittani.santistevan@state.co.us

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 Re-plug for offset fracCasing 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	75	sks cmt from	6777	ft. to	6577	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	75	sks cmt from	5000	ft. to	4800	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	50	sks cmt from	1515	ft. to	1415	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	405	sks cmt from	500	ft. to	0	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 _____ 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 1105 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Lyla F Carpenter 1 (05-123-07253)/Re-Entry Plugging Procedure (Intent)

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

Tubing: None

Proposed 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 75 sxs cement down tubing (coverage from 6777'-6577').
3. Pick up tubing to 5000'. Mix and pump 75 sxs 15.8#/gal CI G cement down tubing (coverage from 5000'-4800').
4. Pick up tubing to 1515'. Mix and pump 50 sxs 15.8#/gal CI G cement down tubing (Pierre coverage from 1515'-1415').
5. Pick up tubing to 500'. Mix and pump 405 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
6. 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: Valerie Danson Date: 1/31/2019 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: JENKINS, STEVE Date: 2/13/2019

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 8/12/2019

COA Type**Description**

	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Prior to placing the 500' plug: verify that all fluid migration (liquid or gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders. 3) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 155' or shallower and provide 10 sx plug at the surface. 4) Leave at least 100' of cement in the wellbore for each plug.
	Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.

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

401905601	FORM 6 INTENT SUBMITTED
401905647	WELLBORE DIAGRAM
401905648	WELLBORE DIAGRAM
401924787	SURFACE OWNER CONSENT
401924792	LOCATION PHOTO
401924794	LOCATION PHOTO
401924796	LOCATION PHOTO
401924802	LOCATION PHOTO

Total Attach: 8 Files

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

Engineer	1) Deepest Water Well within 1 mile = 300'. 2) Fox Hills Bottom= 266', per SB5.	02/13/2019
Permit	Pass	01/31/2019
Permit	Returned to draft. Missing photos from 4 directions and surface owner consent. Reason for abandonment on well info tab should be "other" - re-entry to re-plug. Obtain as-built GPS.	01/16/2019
Agency	Well file not found for verification - pass task	01/15/2019

Total: 4 comment(s)