

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

Document Number:

401127233

Date Received:

10/10/2016

## 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: Jenifer Hakkarinen

Name of Operator: PDC ENERGY INC

Phone: (303) 8605800

Address: 1775 SHERMAN STREET - STE 3000

Fax:

City: DENVER State: CO Zip: 80203

Email: Jenifer.Hakkarinen@pdce.com

For "Intent" 24 hour notice required,

Name: Tel:

COGCC contact:

Email:

API Number 05-123-20061-00

Well Name: J&amp;L FARMS

Well Number: 33-29

Location: QtrQtr: NWSE Section: 29 Township: 6N Range: 63W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

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: 40.456140

Longitude: -104.457610

GPS Data:

Date of Measurement: 09/29/2008

PDOP Reading: 1.5

GPS Instrument Operator's Name: Holly L. Tracy

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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	6791	6799	07/05/2016	B PLUG CEMENT TOP	6740

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	390	275	390	0	VISU
1ST	7+7/8	4+1/2	10.5	6,994	380	6,994	3,494	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6740 with 2 sacks cmt on top. CIBP #2: Depth 6447 with 2 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 10 sks cmt from 4443 ft. to 4315 ft. Plug Type: CASING Plug Tagged: ☐  
Set 50 sks cmt from 2541 ft. to 2345 ft. Plug Type: STUB PLUG 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 344 sacks half in. half out surface casing from 712 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: 2433 ft. of 4+1/2 inch casing Plugging Date: 07/05/2016

\*Wireline Contractor: MAGna

\*Cementing Contractor: MAGna

Type of Cement and Additives Used: 15.8 ppg Class G Cement

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No

\*ATTACH JOB SUMMARY

#### Technical Detail/Comments:

J&L Farms #33-29 (05-123-20061)/Plugging Procedure  
Producing Formation: Codell 6791'-6799'  
TD: 7033' PBTD: 6691'  
Surface Casing: 8 5/8" 24# @ 390' w/ 275 sxs.  
Production Casing: 4 1/2" 10.5# @ 6994' w/ 380 sks cmt (TOC 3494' CBL).  
Tubing: 2 3/8" 4/7#/ft J-55 set at 6782.

#### Post Procedure:

1. MIRU RU pulling unit. Pull tubing.
2. RU wireline company. Run gyro survey from 6600' to surface.
3. TIH with CIBP. Set BP at 6740'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with CIBP. Set BP at 6447'. Top with 2 sxs 15.8#/gal CI G cement
4. TIH with tubing to 4443'. Mix and pump 10 sx balance plug to 4315'.
5. TIH with casing cutter. Cut 4 1/2" casing at 2433'. Recover 4 1/2" casing.
6. TIH with tubing to 2541'. Mix and pump 50 sx stub plug from 2541' to 2345'.
6. TIH with tubing to 712'. Mix and pump 344 sxs of 15.8#/gal CI G cement down tubing. Cement should 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: JEnfier Hakkarinen

Title: Reg Tech

Date: 10/10/2016

Email: JEnifer.Hakkarinen@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: 3/14/2018

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

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**Attachment Check List**

**Att Doc Num**

**Name**

401127233	FORM 6 SUBSEQUENT SUBMITTED
401127234	WELLBORE DIAGRAM
401127238	CEMENT JOB SUMMARY

Total Attach: 3 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Permit	Gyro proposed in plugging procedure was not run.	06/05/2017
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Total: 1 comment(s)