

Document Number:
401115610

Date Received:
10/03/2016

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: 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: Pesicka, Conor Tel: (970) 415-0789

COGCC contact: Email: conor.pesicka@state.co.us

API Number 05-123-21807-00

Well Name: J&L FARMS Well Number: 31-30

Location: QtrQtr: NWNE Section: 30 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: 40.462580 Longitude: -104.477310

GPS Data:
Date of Measurement: 10/16/2010 PDOP Reading: 1.7 GPS Instrument Operator's Name: Steve Cure

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other _____

Casing to be pulled: Yes No Estimated Depth: 870

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	6748	6756			

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	664	525	664	0	VISU
1ST	7+7/8	4+1/2	10.5	6,915	385	6,915	2,786	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6698 with 2 sacks cmt on top. CIBP #2: Depth 6460 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 120 sks cmt from 920 ft. to 560 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 20 sks cmt from 50 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:

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. 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:

J&L Farms 31-30 (05-123-21807)/Plugging Procedure (Intent)
 Producing Formation: Codell 6748'-6756'
 TD: 6997' PBDT: 6870'
 Surface Casing: 8 5/8" 24# @ 664' w/ 525 sxs
 Production Casing: 4 1/2" 10.5# @ 6915' w/ 385 sks cmt (TOC 2786' – CBL)

Tubing: 2 3/8" tubing set at 6741'. (3/16/2004)

Proposed Procedure:

1. MIRU RU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set CIBP at 6698'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with CIBP. Set CIBP at 6460'. Top with 2 sxs 15.8#/gal CI G cement.
5. TIH with casing cutter. Cut 4 1/2" casing at 870'. Recover 4 1/2" casing.
6. TIH with tubing to 920'. Mix and pump 120 sxs of 15.8#/gal CI G cement down tubing.
7. Reset tubing at 50'. Mix and pump 20 sxs of 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
8. 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: Regulatory Tech Date: 10/3/2016 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:

Date: 10/6/2016

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 4/5/2017

COA Type

Description

	1)Prior to initiation of plugging operations, a bradenhead test shall be performed. If any pressure remains at the conclusion of the test or any liquids were present call COGCC Engineer for sampling requirements. Form 17 shall be submitted within 10 days of the test. 2)Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 3)Properly abandon flowlines. Once flowlines are properly abandoned, file electronic form 42. 4)For 920' plug: pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours and tag plug – top of plug must be not deeper than 614' and provide minimum 10 sx plug at the surface. Leave at least 100' of cement in the wellbore for each plug.
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Attachment Check List

Att Doc Num

Name

401115610	FORM 6 INTENT SUBMITTED
401122362	WELLBORE DIAGRAM
401122364	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Public Room	Document verification complete 10/04/16	10/4/2016 2:51:22 PM
-------------	-----------------------------------------	-------------------------

Total: 1 comment(s)