

FORM
6Rev
12/05State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

401044954

Date Received:

05/11/2016

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: Pesicka, Conor

Tel: (970) 415-0789

COGCC contact:

Email: conor.pesicka@state.co.us

API Number 05-123-20061-00

Well Name: J&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☐ Other

Casing to be pulled:

☒ Yes☐ No

Estimated Depth: 700

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	6791	6799			

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 6500 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 4340 ft. to 4440 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 300 sacks half in. half out surface casing from 750 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. 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 #33-29 (05-123-20061)/Plugging Procedure (Intent)
Producing Formation: Codell 6791'-6799'
TD: 7033' PBDT: 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" 47#/ft J-55 set at 6782.

Proposed 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 6760'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with CIBP. Set BP at 6500'. Top with 2 sxs 15.8#/gal CI G cement.
5. TIH with casing cutter. Cut 4 1/2" casing at 700'. Recover 4 1/2" casing.
6. TIH with tubing to 750'. Mix and pump 300 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: Jenifer Hakkarinen

Title: Reg Tech Date: 5/11/2016 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: HICKEY, MIKEDate: 6/2/2016**CONDITIONS OF APPROVAL, IF ANY:**Expiration Date: 12/1/2016**COA Type****Description**

	Note changes to plugging procedure. 1) Moved CIBP from 6760 to 6740 to comply with API standards. 2) Added 10 sk. plug at 4390 due to Shannon Sand Production within 1 mile.
	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 750' plug: pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours and tag plug – must be 340' or shallower 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**

401044954	FORM 6 INTENT SUBMITTED
401044970	WELLBORE DIAGRAM
401044971	WELLBORE DIAGRAM

Total Attach: 3 Files

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

Public Room	Document verification complete 05/13/16	5/13/2016 2:35:19 PM
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Total: 1 comment(s)