

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



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Document Number:

401378811

Date Received:

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: Montoya, John

Tel: (970) 397-4124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-123-11197-00

Well Name: L F RANCH

Well Number: 2-12

Location: QtrQtr: SWSW

Section: 12

Township: 3N

Range: 64W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 62589

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: 40.235310

Longitude: -104.505420

GPS Data:

Date of Measurement: 06/10/2008

PDOP Reading: 1.6

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: 650

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	6800	6810			
PIERRE	5960	5966			
J SAND	7271	7325	08/07/2007	B PLUG CEMENT TOP	7150

Total: 3 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	418	380	418	0	VISU
1ST	7+7/8	4+1/2	11.6	7,402	500	7,402	5,668	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6750 with 2 sacks cmt on top. CIBP #2: Depth 6500 with 2 sacks cmt on top.
CIBP #3: Depth 5910 with 2 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 205 sks cmt from 700 ft. to 0 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: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 4450 ft. with 130 sacks. Leave at least 100 ft. in casing 4435 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:

LF Franch 2-12 (05-123-11197)/Plugging Procedure (Intent)
Producing Formation (Perforations): Pierre Shale: 5960'-5966' Codell: 6800'-6810' J-Sand: 7271'-7325'
TD: 7410' PBSD: 6953'
Surface Casing: 8 5/8" 24# @ 418' w/ 380 sxs
Production Casing: 4 1/2" 11.6# @ 7402' w/ 500 sxs cmt (TOC @ 5668' - CBL). Existing CIBP @ 7150' w/ 2 sxs cmt.
Tubing: 2 3/8" tubing set @ 6788' (8/15/2007).
Proposed Procedure:
1. Run gyro survey.
2. MIRU pulling unit. Pull 2 3/8" tubing.
3. RU wireline company.
4. TIH with CIBP. Set BP at 6750'. Top with 2 sxs 15.8#/gal CI G cement.
5. TIH with CIBP. Set BP at 6500'. Top with 2 sxs 15.8#/gal CI G cement.
6. TIH with CIBP. Set BP at 5910'. Top with 2 sxs 15.8#/gal CI G cement.
7. TIH with perforation gun. Shoot 2 holes for annular squeeze at 4450' @ 1 SPF or preferred.
8. Set CICR at 4435'. Sting in and pump 120 sxs 15.8#/gal CI G cement. Sting out and leave 10 sxs on top of CICR.
9. TIH with casing cutter. Cut 4 1/2" casing at 650'. Pull cut casing.
10. TIH with tubing to 700'. RU cementing company. Mix and pump 205 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
11. 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: _____

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: _____

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: _____

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401378825	WELLBORE DIAGRAM
401378826	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)