

FORM
6

Rev
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:

401223309

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: 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 05-123-14274-00

Well Name: STATE LEASE

Well Number: 41-32

Location: QtrQtr: NENE

Section: 32

Township: 6N

Range: 63W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 67888

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: 40.448310

Longitude: -104.453940

GPS Data:

Date of Measurement: 07/02/2007

PDOP Reading: 2.4

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:

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	6770	6782			
FORT HAYS	6749	6768			
NIOBRARA	6494	6688			

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	290	175	290	0	
1ST	7+7/8	4+1/2	15.1	6,918	220	6,918	6,140	CBL
S.C. 1.1				5,205	580	5,205	0	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6454 with 2 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 55 sks cmt from 560 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: ☐
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:

State Lease 41-32 (05-123-14274)/Plugging Procedure (Intent)
Producing Formation: Codell 6770'-6782' Ft. Hays 6749'-6768' Niobrara 6494'-6688'
TD: 6926' PBD: 6848'
Surface Casing: 8 5/8" 24# @ 290' w/ 175 sxs.
Production Casing: 4 1/2" 15.1# @ 6918' w/ 220 sks cmt (TOC at 6140' - CBL)
Annular fill w/ 580 sxs (surface - 5205' no CBL)

Tubing: 2 3/8" tubing set at 6759'. (9/25/2012)

Proposed Procedure:

1. MIRU RU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6454'. Top with 2 sxs 15.8#/gal cement.
4. Run cement bond log from 6000' to surface to verify top of annular fill. (Records indicate cement was circulated to surface.)
5. Reset tubing at 560'. RU cementing company. Mix and pump 55 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface. (Deepest water well in the area is 360'.)
6. Fill production casing annulus with cement to surface using 1 1/4" tubing if required.
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: Kelsi Welch

Title: Production Tech

Date: _____

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: _____

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: _____

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401223316	WELLBORE DIAGRAM
401223317	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)