

FORM
6
Rev
05/18

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: 402152720			
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: <u>69175</u>	Contact Name: <u>Valerie Danson</u>
Name of Operator: <u>PDC ENERGY INC</u>	Phone: <u>(970) 506-9272</u>
Address: <u>1775 SHERMAN STREET - STE 3000</u>	Fax: _____
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>	Email: <u>valerie.danson@pdce.com</u>

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 COGCC contact: Email: _____

API Number: <u>05-123-20519-00</u>	Well Name: <u>SLW RANCH</u>	Well Number: <u>12-7</u>
Location: QtrQtr: <u>SWNW</u> Section: <u>7</u> Township: <u>5N</u> Range: <u>63W</u> Meridian: <u>6</u>	County: <u>WELD</u> Federal, Indian or State Lease Number: _____	
Field Name: <u>WATTENBERG</u>	Field Number: <u>90750</u>	

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.415560 Longitude: -104.486920

GPS Data:
 Date of Measurement: 06/03/2010 PDOP Reading: 2.8 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	6731	6739	07/24/2019	B PLUG CEMENT TOP	6680

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	380	300	380	0	VISU
1ST	7+7/8	4+1/2	10.5	6,925	360	6,925	3,200	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6680 with 2 sacks cmt on top. CIBP #2: Depth 6342 with 2 sacks cmt on top.
 CIBP #3: Depth 3900 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 180 sks cmt from 1800 ft. to 1320 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 _____ 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 248 sacks half in. half out surface casing from 580 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: 1750 ft. 4+1/2 inch casing Plugging Date: 08/01/2019
 of _____
 *Wireline Contractor: C&J Energy Services *Cementing Contractor: C&J Energy Services
 Type of Cement and Additives Used: Type III 14.8 PPG Portland Cement
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

SLW Ranch 12-7 (05-123-20519) Plugging Procedure
 Producing Formation: Codell: 6731'-6739'

Upper Pierre Aquifer: 400'-1420'
 TD: 6955' PBSD: 6913' (3/16/2002, did not tag fill in 2016)
 Surface Casing: 8 5/8" 24# @ 380' w/ 300 sxs
 Production Casing: 4 1/2" 10.5# @ 6925' w/ 360 sxs cmt (TOC @ 3200' - CBL)
 Casing holes @ 1709'-1741'

Procedure:
 1. MIRU pulling unit. Pull 2 3/8" tubing.
 2. RU wireline company.
 3. TIH with CIBP. Set BP at 6680'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Codell perms @ 6731')
 4. TIH with CIBP. Set BP at 6342'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6392')
 5. TIH with CIBP. Set BP at 3900'. Top with 2 sxs 15.8#/gal CI G cement. (Sussex Coverage)
 6. TIH with casing cutter. Cut 4 1/2" casing at 1750'. Pull cut casing.
 7. TIH with tubing to 1800'. RU cementing company. Mix and pump 180 sxs 14.8#/gal Type III cement down tubing (Pierre coverage from 1750'-1320'). TOC at 1320'.
 8. Pick up tubing to 580'. Mix and pump 248 sxs 14.8#/gal Type III cement down tubing. Cement circulate to surface (Pierre coverage from 580'-surface).
 9. 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: Valerie Danson
 Title: Reg Tech Date: _____ Email: valerie.danson@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:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

402152786	CEMENT JOB SUMMARY
402152788	OTHER
402152790	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)