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: 401015101

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, COGCC contact: Name: Helgeland, Gary Tel: (970) 216-5749 Email: gary.helgeland@state.co.us

API Number 05-123-19609-00

Well Name: WALSH Well Number: 13-24

Location: QtrQtr: NWSW Section: 24 Township: 2N Range: 68W 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: 40.122569 Longitude: -104.958569

GPS Data:

Date of Measurement: 07/23/2010 PDOP Reading: 2.1 GPS Instrument Operator's Name: Shantell Kling

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems

☐ Other

Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 980

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
J SAND	8005	8040			

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	784	422	784	0	
1ST	7+7/8	4+1/2	11.6	8,122	8,122	8,122	6,706	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7970 with 2 sacks cmt on top. CIPB #2: Depth 7560 with 2 sacks cmt on top.

CIBP #3: Depth 7260 with 2 sacks cmt on top. CIPB #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 _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

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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

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Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 380 sacks half in. half out surface casing from 1030 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:

Walsh 13-24 (05-123-19609)/Plugging Procedure (Intent)
Producting Formation: J Sand 8005' – 8040'
TD: 8126' PBTD: 8086'
Surface Casing: 8 5/8" 24# @ 784' w/ 422 sxs.
Production Casing: 4 1/2" 11.6# @ 8122' w/ 550 sks cmt (TOC 6706' & 3864' CBL).

Tubing: 2 3/8" IJ tubing set at 7978'.

Proposed Procedure:
1. MIRU RU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company. Run gyro survey.
3. TIH with CIBP. Set BP at 7970'. Top with 2 sxs 15.8#/gal Cl G cement.
4. TIH with CIBP. Set BP at 7560'. Top with 2 sxs 15.8#/gal Cl G cement.
5. TIH with CIBP. Set BP at 7260'. Top with 2 sxs 15.8#/gal Cl G cement.
6. TIH with casing cutter. Cut 4 1/2" casing at 980'. Recover 4 ½" casing.
7. TIH with tubing to 1030'. Mix and pump 380 sxs of 15.8#/gal Cl 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 Analyst 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

Attachment Check List

Att Doc Num	Name
401015102	WELLBORE DIAGRAM
401015103	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)