

Document Number:
401143974

Date Received:
11/07/2016

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: 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: Gomez, Jason Tel: (970) 573-1277

COGCC contact: Email: jason.gomez@state.co.us

API Number 05-123-12222-00

Well Name: PARISH Well Number: 32-1

Location: QtrQtr: SESW Section: 32 Township: 5N Range: 67W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 65516

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: 40.350920 Longitude: -104.919390

GPS Data:
Date of Measurement: 10/08/2010 PDOP Reading: 1.7 GPS Instrument Operator's Name: Steve Cure

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	7007	7020			

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	340	256	340	0	VISU
1ST	7+7/8	4+1/2	11.6	7,150	300	7,150	6,025	CBL
S.C. 1.1				5,974	1,150	5,974	782	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6957 with 2 sacks cmt on top. CIBP #2: Depth 6640 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 105 sks cmt from 4600 ft. to 3230 ft. Plug Type: CASING Plug Tagged:
 Set 230 sks cmt from 800 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:
 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:

Parish 32-1 Plugging Procedure (Intent)
 API: 05-123-12222

Producing Formations: Codell: 7007'-7020'
 TD: 7154' PBD: 7100'
 Surface Casing: 8-5/8" 24# @ 340' w/ 256 sxs
 Production Casing: 4-1/2" 11.6# @ 7287' w/ 300 sks cmt (TOC @ 6025' & 782' - CBL)

Tubing: 2-3/8" tubing set at 7007' (1/10/2013)

Proposed Procedure:

1. MIRU RU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set CIBP at 6957'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with CIBP. Set CIBP at 6640'. Top with 2 sxs 15.8#/gal CI G cement.
5. TIH with tubing to 4600'. Mix and pump 105 sxs of 15.8#/gal CI G cement down tubing.
6. TIH with casing cutter. Cut 4 1/2" casing at 700'. Pull cut casing.
7. TIH with tubing to 800'. Mix and pump 230 sxs of 15.8#/gal CI 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: Production Tech Date: 11/7/2016 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: JENKINS, STEVE

Date: 11/14/2016

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 5/13/2017

COA Type

Description

	<p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For the 800' plug: pump plug and displace. If surface casing plug is not circulated to surface then tag plug – must be at 290' or shallower and provide 10 sx plug at the surface. Leave at least 100' of cement in the casing for each plug. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 4) 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.</p>
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Attachment Check List

Att Doc Num

Name

401143974	FORM 6 INTENT SUBMITTED
401143997	WELLBORE DIAGRAM
401143998	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Public Room	Document verification complete 11/08/16	11/08/2016
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Total: 1 comment(s)