

Document Number:
401129857

Date Received:
10/13/2016

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: Montoya, John Tel: (970) 397-4124
 Email: john.montoya@state.co.us

COGCC contact: _____

API Number 05-123-19814-00 Well Number: 24-20
 Well Name: SUCCO
 Location: QtrQtr: SESW Section: 20 Township: 2N Range: 66W 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: 40.117500 Longitude: -104.801667
 GPS Data:
 Date of Measurement: 06/24/2010 PDOP Reading: 4.0 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	7832	7892			

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	780	321	780	0	VISU
1ST	7+7/8	4+1/2	11.6	8,094	370	8,094	6,800	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7782 with 2 sacks cmt on top. CIBP #2: Depth 7346 with 2 sacks cmt on top.
CIBP #3: Depth 7088 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 40 sks cmt from 4950 ft. to 4492 ft. Plug Type: CASING Plug Tagged:
Set 380 sks cmt from 1030 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:

Succo 24-20 (05-123-19814)/Plugging Procedure (Intent)
Producing Formation: J Sand 7832'-7892'
TD: 8094' PBD: 8014'
Surface Casing: 8 5/8" 24# @ 780' w/ 321 sxs
Production Casing: 4 1/2" 11.6# @ 8094' w/ 625 sks cmt (TOC 6800' and 3977'-CBL)

Tubing: 2 3/8" tubing set at 7816'. (10/20/1999)

Proposed Procedure:

1. MIRU RU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set CIBP at 7782'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with CIBP. Set CIBP at 7346'. Top with 2 sxs 15.8#/gal CI G cement.
5. TIH with CIBP. Set CIBP at 7088'. Top with 2 sxs 15.8#/gal CI G cement.
6. TIH with tubing to 4950'. Mix and pump 40 sxs of 15.8#/gal CI G cement down tubing.
7. TIH with casing cutter. Cut 4 1/2" casing at 980'. Pull cut casing.
8. TIH with tubing to 1030'. Mix and pump 380 sxs of 15.8#/gal CI G cement down tubing. Cement should circulate to 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: Kelsi Welch

Title: Regulatory Tech Date: 10/13/2016 Email: kelsijwelch@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, Diane

COGCC Approved:

Date: 10/24/2016

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 4/23/2017

COA Type

Description

	1) Prior to starting plugging operations, a bradenhead test shall be performed. If any pressure remains at the conclusion of the test or any liquids were present contact COGCC Engineer for sampling requirements. The Form 17 shall be submitted within 10 days of the test. 2) Provide 48 hour notice of plugging MIRU via electronic Form 42. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 4) Production casing stub plug is also surface casing shoe plug, if this plug is not circulated to surface then tag plug – must be 680' or shallower and provide a 10 sack plug at the surface. Leave at least 100' of cement in the wellbore for each plug.
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Attachment Check List

Att Doc Num

Name

401129857	FORM 6 INTENT SUBMITTED
401129876	WELLBORE DIAGRAM
401129878	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Public Room	Document verification complete 10/14/16	10/14/2016 9:40:21 AM
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Total: 1 comment(s)