

Document Number:
401194973

Date Received:
01/26/2017

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: Jenifer Hakkarinen
 Name of Operator: PDC ENERGY INC Phone: (303) 8605800
 Address: 1775 SHERMAN STREET - STE 3000 Fax: _____
 City: DENVER State: CO Zip: 80203 Email: Jenifer.Hakkarinen@pdce.com

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

API Number 05-123-21964-00 Well Name: STATE CORSAIR Well Number: 13-36
 Location: QtrQtr: NWSW Section: 36 Township: 4N Range: 68W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 1999086
 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: 40.267750 Longitude: -104.957860
 GPS Data:
 Date of Measurement: 09/26/2006 PDOP Reading: 1.9 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	7360	7370	12/20/2016	B PLUG CEMENT TOP	7328

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	418	230	418	0	VISU
1ST	7+7/8	4+1/2	10.5	7,579	190	7,579	6,420	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7310 with 2 sacks cmt on top. CIBP #2: Depth 7020 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 282 sks cmt from 730 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:
 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: 640 ft. 4+1/2 inch casing Plugging Date: 12/20/2016
 of _____
 *Wireline Contractor: Ranger *Cementing Contractor: Ranger
 Type of Cement and Additives Used: 15.8 PPG Class G Cement
 Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

State Corsair #13-36 (05-123-21964)/Plugging Procedure
 Producing formation: Codell
 Existing Perforations: Codell – 7,360'-7,370'
 TD: 7,603' PBTD: 7,565'
 Surface Casing: 8 5/8" 24# @ 418' w/ 230 sks cmt.
 Production Casing: 4 1/2" 10.5# @ 7,579' w/ 190 sks cmt (TOC at 6,430').

Procedure:

1. MIRU pulling unit.
5. Rig up wireline. RIH with CIBP. Set CIBP at 7,328'.
6. Load dump bailer with 2sx of 15.8#/gal CI G cement. RIH with dump bailer and spot on top of CIBP.
7. RIH with CIBP. Set CIBP at 7,014'.
8. Load dump bailer with 2sx of 15.8#/gal CI G cement. RIH with dump bailer and spot on top of CIBP.
9. RIH w/ casing cutter and cut production casing above TOC at 640'. Pull 4 1/2" casing out of hole.
10. TIH with workstring to 730'. Circulate and condition to prepare for surface plug.
11. RU cementers. Mix and pump cement stub plug to surface (730') with 280 sks of 15.8#/gal CL G cement. Cement to surface.
12. 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: Jenifer Hakkarinen
 Title: Reg Tech Date: 1/26/2017 Email: Jenifer.Hakkarinen@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: 3/27/2018

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401194973	FORM 6 SUBSEQUENT SUBMITTED
401194984	WELLBORE DIAGRAM
401194985	CEMENT JOB SUMMARY

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)