

Document Number:
401054037

Date Received:
05/25/2016

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: 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: Gomez, Jason Tel: (970) 573-1277
 Email: jason.gomez@state.co.us

COGCC contact: _____

API Number 05-123-14806-00 Well Number: 3
 Well Name: BOLET
 Location: QtrQtr: SWNE Section: 17 Township: 6N Range: 65W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 55875
 Field Name: EATON Field Number: 19350

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.488180 Longitude: -104.685009
 GPS Data:
 Date of Measurement: 02/03/2010 PDOP Reading: 2.1 GPS Instrument Operator's Name: Brandon Lucason
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 6230
 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	7086	7100			

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	348	250	348	0	VISU
1ST	7+7/8	3+1/2	9.3	7,214	200	7,214	6,330	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7030 with 12 sacks cmt on top. CIBP #2: Depth _____ with _____ 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 16 sks cmt from 6280 ft. to 6180 ft. Plug Type: STUB PLUG Plug Tagged:
Set 308 sks cmt from 3638 ft. to 4732 ft. Plug Type: OPEN HOLE 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 171 sacks half in. half out surface casing from 600 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:

Bolet 3 (05123148060000)

Existing Perforations:

Codell: 7,086' – 7,100'

Current PBSD: 7,214'

Surface Csg: 8-5/8" 24# @ 348' w/ 250 sxs cmt (TOC @ surface)

Production Csg: 3-1/2" 9.3# @ 7,214' w/ 200 sxs cmt (TOC @ 6,330')

Procedure:

1. MIRU WO rig.
2. Load and kill well.
3. POOH w/ 219 jts of 1.9" tbg.
4. Load well.
5. MIRU cmt services.
6. PU work string.
7. RIH and tag current CIBP cmt @ 7,030'.
8. PU and spot a 12 sx plug from 6,725' – 7,030' to cover Niobrara.
9. POOH w/ work string.
10. MIRU WL unit.
11. PU csg cutter.
12. RIH w/ cutter and cut 3.5" csg @ 6,230'.
13. POOH w/ WL.
14. POOH w/ cut section of csg.
15. PU work string.
16. RIH and spot a 16 sx balance plug through csg stub from 6,280' – 6,180'.
17. TOO and spot a 308 sx balance plug from 3,638' – 4,732' to cover Sussex/Parkman.
18. TOO and spot a 171 sx balance plug from 600' – surface.
19. POOH w/ work string.
20. WOC.
21. RIH and tag.
22. Spot remaining cmt volume needed.
23. RDMO service units.
24. Cut and weld 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: 5/25/2016 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: HICKEY, MIKE Date: 6/13/2016

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 12/12/2016

COA Type	Description
	Submit 5A reporting Codell at 7086-7100 - refrac? Zones dont match 5A on file.
	1)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 of the test. 2)Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 3)Properly abandon flowlines. Once flowlines are properly abandoned, file electronic form 42. 4)For 600' plug: pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours and tag plug – must be 298' or shallower and provide minimum 10 sx plug at the surface. Leave at least 100' of cement in the wellbore for each plug.

Attachment Check List

Att Doc Num	Name
401054037	FORM 6 INTENT SUBMITTED
401054043	WELLBORE DIAGRAM
401054045	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Public Room	Document verification complete 06/07/16	5/7/2016 3:18:42 PM

Total: 1 comment(s)