

Document Number:
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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: _____
 Email: _____

COGCC contact: _____

API Number 05-123-12150-00 Well Number: 10-3
 Well Name: STEPHENS-FOE
 Location: QtrQtr: SWNE Section: 10 Township: 5N Range: 67W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 65500
 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: 40.415890 Longitude: -104.877060
 GPS Data:
 Date of Measurement: 06/04/2007 PDOP Reading: 2.6 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	7221	7238	02/06/2018	B PLUG CEMENT TOP	6856
NIOBRARA	6906	7040	02/06/2018	B PLUG CEMENT TOP	6856

Total: 2 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	325	348	0	VISU
1ST	7+7/8	4+1/2	11.6	7,328	300	7,328	6,218	CALC
			Stage Tool	2,962	1,118	3,490	700	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6856 with 2 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 90 sks cmt from 3275 ft. to 2088 ft. Plug Type: CASING Plug Tagged:
Set 406 sks cmt from 1402 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: 670 ft. of 4+1/2 inch casing Plugging Date: 02/06/2018
*Wireline Contractor: Cased Hole Solutions *Cementing Contractor: C&J
Type of Cement and Additives Used: 15.8#/gal CI G + 2% CaCl2
Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Stephens-Foe 10-3 (05-123-12150)/Plugging Procedure
Producing Formation (Perforations): Niobrara: 6906'-7040' Codell: 7221'-7238'
TD: 7330' PBTD: 7245'
Surface Casing: 8 5/8" 24# @ 348' w/ 325 sxs
Production Casing: 4 1/2" 11.6# @ 7330' w/ 300 sxs cmt (TOC @ 6218' - CBL). Sliding Sleeve @ 2962' w/ 90 bbl Class G cmt & 125 bbl Halco Lt cmt & 14.2 bbl Class G cmt (700'-3490' - CBL).

Tubing: 2 3/8" tubing set @ 7206' (9/6/2007).

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6856'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with tubing to 3275'. RU cementing company. Mix and pump 90 sxs 15.8#/gal CI G cement down tubing to 2088'.
5. TIH with casing cutter. Cut 4 1/2" casing at 670'. Pull cut casing.
6. TIH with tubing to 1402'. RU cementing company. Mix and pump 403 sxs 15.8#/gal CI G + 2% CaCl2 cement down tubing. Cement circulated to surface.
7. 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: _____ 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: _____

CONDITIONS OF APPROVAL, IF ANY: _____

COA Type	Description

Attachment Check List

Att Doc Num	Name
401565714	WELLBORE DIAGRAM
401565716	CEMENT JOB SUMMARY
401565721	WIRELINE JOB SUMMARY

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)