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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: Valerie Danson
 Name of Operator: PDC ENERGY INC Phone: (970) 506-9272
 Address: 1775 SHERMAN STREET - STE 3000 Fax: _____
 City: DENVER State: CO Zip: 80203 Email: valerie.danson@pdce.com

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

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-123-37282-00
 Well Name: Albrighton Well Number: 2-10
 Location: QtrQtr: SWSW Section: 10 Township: 6N Range: 64W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: HARLECH Field Number: 33560

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.496613 Longitude: -104.541070
 GPS Data: GPS Quality Value: 2.4 Type of GPS Quality Value: _____ Date of Measurement: 05/16/2014
 GPS Instrument Operator's Name: Bart Pfeifer
 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
NIOBRARA-CODELL	6708	7000	11/02/2017	B PLUG CEMENT TOP	6658

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	757	500	757	0	VISU
1ST	7+7/8	4+1/2	11.6	7,152	896	7,152	496	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2500 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 23 sks cmt from 1765 ft. to 1435 ft. Plug Type: CASING 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 490 ft. with 90 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 77 sacks half in. half out surface casing from 857 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. _____ inch casing Cut and Cap Date: 06/26/2020
 of _____
 *Wireline Contractor: GO Wireline Services *Cementing Contractor: Magnum Cementing Services
 Type of Cement and Additives Used: Type III 14.1 PPG MAG S Cement
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Albrighton 2-10 (05-123-37282)/Plugging Procedure
 Producing Formation: Niobrara/Codell: 6708'-7000'
 Upper Pierre Aquifer: 560'-1600'
 TD: 7186' PBTD: 7125' (12/6/2013)
 Surface Casing: 8 5/8" 24# @ 757' w/ 500 sxs
 Production Casing: 4 1/2" 11.6# @ 7152' w/ 896 sxs cmt (TOC @ 496' - CBL)
 Existing CIBP set @ 6658' w/ 2 sx cmt (11/2/2017)

Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company. TIH and tag dump bail of existing CIBP @ 6620'.
3. TIH with CIBP. Set BP at 2500'. Top with 2 sxs 15.8#/gal CI G cement.
4. TIH with perf gun. Shoot squeeze holes @ 490'.
5. TIH with tubing to 1765'. RU cementing company. Mix and pump 23 sxs 14.1#/gal Type III cement down tubing. TOC at 1435'.
6. Pick up tubing to 857'. Mix and pump 77 sxs 14.1#/gal Type III cement down tubing. Cement circulate to surface.
7. Close off casing returns. Hook up cement line to cement flange and pump 90 sxs 14.1#/gal Type III cement downhole and squeeze through perforations @ 490' into annular space. Cement 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: Valerie Danson
 Title: Reg Tech Date: _____ Email: valerie.danson@pdce.com

