

Replug By Other Operator

Document Number:

402684950

Date Received:

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: Santistevan, Brittani Tel: (720) 471-1110
COGCC contact: Email: brittani.santistevan@state.co.us

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

API Number 05-123-05377-00
 Well Name: FRED HOFFNER Well Number: 1
 Location: QtrQtr: NWNE Section: 14 Township: 7N Range: 66W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WILDCAT Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.580650 Longitude: -104.742160
 GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 04/13/2021

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other This is a Re-Entry P&A for PDC's Market/Sherman development.
 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

Total: 0 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J55	24	0	396	250	396	0	VISU

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 <u>237</u> sks cmt from <u>7050</u> ft. to <u>6550</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>237</u> sks cmt from <u>3500</u> ft. to <u>3000</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set <u>100</u> sks cmt from <u>1770</u> ft. to <u>1570</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 375 sacks half in. half out surface casing from 730 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
 Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____
 *Wireline Contractor: _____ *Cementing Contractor: _____
 Type of Cement and Additives Used: _____
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Fred Hoffner 1 (05-123-05377)/Re-Enter to Re-Plug Procedure (Intent)
 Abandoned Formation: N/A DA well (11/16/1963)
 Upper Pierre Aquifer: 630'-1670'
 Depest Water Well: 300'
 TD: 9343'
 Surface Casing: 8 5/8" 24# @ 396' w/ 250 sxs cmt
 Open Hole: 7 7/8"??? @ 9343' (Open Hole OD is assumed)
 Existing Plugs: 396'-315' (25 sx cmt), 48' to surface (15 sx cmt)
 Proposed Procedure:
 1. Dig out to find wellhead and check pressure.
 2. Cut cap off, extend surface pipe to achieve ground level.
 3. MIRU WO unit, ND wellhead, NU BOP, tally all pipe to be ran in well.
 4. Mill cement, cement btm is assumed to be 396' at base of surface casing.
 5. Wash run down to Niobrara @ 7097' or depth that well allows.
 6. PU tubing to 7050'. RU cementing company. Mix and pump 237 sxs 15.8#/gal CI G cement down tubing (Coverage from 7050'-6550'). PU tubing above plug and SI well. (Top of Niobrara @ 7097')
 a. Wait 4 hours and tag plug
 7. PU tubing to 3500'. RU cementing company. Mix and pump 237 sxs 15.8#/gal CI G cement down tubing (Coverage from 3500'-3000').
 8. PU tubing to 1770'. RU cementing company. Mix and pump 100 sxs 15.8#/gal CI G cement down tubing (Pierre Aquifer coverage from 1770'-1570'). PU tubing above plug and SI well.
 a. Wait 4 hours and tag plug
 9. PU tubing to 730'. RU cementing company. Mix and pump 375 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
 10. RDMO WO unit. Remove extension of surface pipe.
 11. Weld on cap with ID plate, inscribed with well location, and identity. Backfill, clean location. Re-Entry complete.

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

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: _____

Expiration Date: _____

COA Type

Description

COA Type	Description

Attachment List

Att Doc Num

Name

402684951	WELLBORE DIAGRAM
402684952	WELLBORE DIAGRAM
402684953	LOCATION PHOTO
402684954	SURFACE OWNER CONSENT
402684955	SURFACE OWNER CONSENT

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)