

Replug By Other Operator
 Document Number:
 403973932
 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.

ECMC Operator Number: 69175 Contact Name: Khalid Gozal
 Name of Operator: PDC ENERGY INC Phone: (970) 939-3557
 Address: 1099 18TH STREET SUITE 1500 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: khalidgozal@chevron.com
For "Intent" 24 hour notice required, Name: Kester, Michael Tel: (970) 852-9726
ECMC contact: Email: michael.kester@state.co.us

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

API Number 05-001-07003-00
 Well Name: CUTLER Well Number: 1-A
 Location: QtrQtr: SWNE Section: 32 Township: 1S Range: 66W Meridian: 6
 County: ADAMS Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.923420 Longitude: -104.797108
 GPS Data: GPS Quality Value: 1.0 Type of GPS Quality Value: PDOP Date of Measurement: 12/21/2023
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other Re-enter to re-plug
 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
D SAND	8147	8151	04/27/2000	B PLUG CEMENT TOP	7957

Total: 1 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	194		194	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	8272		8272	0	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7302 with 2 sacks cmt on top. CIBP #2: Depth 4902 with 2 sacks cmt on top.
CIBP #3: Depth 2002 with 10 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 55 sks cmt from 920 ft. to 0 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 _____ 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: _____ 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:

The purpose is to re-enter and adequately re-plug prior to hydraulic fracturing treatment of a proposed well.

A closed loop system will be used.

Procedure

- 1 NU flange adaptor.
- 2 MIRU. Conduct pre-job safety meeting.
- 3 Complete a Form 17 Bradenhead Test.
- 4 Kill well with 8.3 ppg fresh water. Consult Engineer if unable to kill well with FW.
- 5 Verify well is static. Flow check well for 15 minutes. N/U 5K 9" BOP (or larger): 2.875" pipe rams and blind rams. Adapter will be needed from WH to BOP.
- 6 Pressure test BOP connection. Bleed pressure.
- 7 RU Power swivel
- 8 PU Drillout BHA (tri-cone bit, bit sub, drill collars, tubing).
- 9 RIH to TOC, drill surface plug. Expected BOC is at ~100'.
- 10 RIH to ~1270'.
- 11 Mill the CIBP + 2sx cement at 1281'.
- 12 Circulate 2X bottoms up
- 13 RIH to 7500'
- 14 Circulate 2X bottoms up
- 15 Pressure test surface casing against CIBP+2sx at 7957' to 500 psi for 15 minutes 5% decrease allowed. This is to verify surface casing has integrity.
- 16 POOH, L/D BHA
- 17 Run CBL from 7500' to surface to verify cement coverage in the annulus.
- 18 RIH with CIBP on WL and set at 7300'. Dump bail 2sx of cement on top of the CIBP with WL.
- 19 RIH with CIBP on WL and set at 4900'. Dump bail 2sx of cement on top of the CIBP with WL.
- 20 RIH with CIBP on WL and set at 2000'. Dump bail 2sx of cement on top of the CIBP with WL.
- 21 RIH to 920' open ended tubing.
- 22 Pump 55 sks of G class cement 2% CaCl and LCM, plug from 920' to surface. Displace with fresh water to balance plug.
- 23 Top off cement if needed. Cement needs to be approx. 10' from surface.
- 24 ND BOP.
- 25 RDMO.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Sharon Strum
Title: Lead Wells Technical Asst Date: _____ Email: sharon.strum@chevron.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with ECMC Rules and applicable orders and is hereby approved.

ECMC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: _____

<u>COA Type</u>	<u>Description</u>
0 COA	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403974103	SURFACE AGRMT/SURETY
403974107	LOCATION PHOTO
403974114	WELLBORE DIAGRAM
403974119	WELLBORE DIAGRAM
403974125	PROPOSED PLUGGING PROCEDURE

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)