

Replug By Other Operator

Document Number:
 404617292

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: Spencer Riebschlager
 Name of Operator: PDC ENERGY INC Phone: (346) 267-5252
 Address: 1099 18TH STREET SUITE 1500 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: drill@chevron.com

For "Intent" 24 hour notice required, Name: Petrie, Erica Tel: (303) 726-3822
 ECMC contact: Email: erica.petrie@state.co.us

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

API Number 05-123-10091-00
 Well Name: FRANKS Well Number: 2
 Location: QtrQtr: SWSE Section: 33 Township: 9N Range: 61W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: HEART Field Number: 33800

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.699564 Longitude: -104.208616
 GPS Data: GPS Quality Value: _____ Type of GPS Quality Value: PDOP Date of Measurement: _____

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other Re-entry 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
NIOBRARA	6400	6731	07/20/1992	B PLUG CEMENT TOP	6490
J SAND	7242	7264	05/26/1981	BRIDGE PLUG	6800
LYONS	8430	8435	05/26/1981	BRIDGE PLUG	6800

Total: 3 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	195	185	195	0	VISU
1ST	7+7/8	4+1/2	J55	11.6	0	8485	350	8485	6718	CBL

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 90 sks cmt from 5860 ft. to 5660 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 120 sks cmt from 2450 ft. to 2150 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
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(Cast Iron Cement Retainer Depth)

Set 300 sacks half in. half out surface casing from 800 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____
 Surface Plug Setting Date: _____ Cut and Cap Date: _____

*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 adequately re-plug prior to hydraulic fracturing treatment of proposed well.

A closed loop system will be used.

Perforation at 5862' is jet cut from previous plugging.

Procedure:

1 MIRU.

2 NU BOP.

3 PU drillout BHA.

4 RIH to surface plug.

5 PU power swivel.

6 Mill through surface plug, estimated length of 32'.

7 RIH to surface shoe plug, estimated TOC at 95'.

8 Mill through surface shoe plugs, estimated BOC at 300'

9 Wash down to 5,860

10 Establish circulation. 90 sks of 1.52 ft3/sx 15.8# class G w/ 35% SF cement, plug from 5,860' - 5,560'

11 POOH w/ workstring to 2,450'.

12 Establish circulation. Pump 120 sks of cement, plug from 2,450'-2,150'.

13 POOH w/ workstring to 800'.

14 Establish circulation. Pump 300 sks of cement, plug from 800' - surface.

15 Top off cement if needed.

16 ND BOP.

17 RDMO.

3rd party wildlife surveys will be conducted on this well prior to rigging up for P&A activities.

Notification will be given to any adjacent building unit occupants within a 1000 feet of the wellhead of planned P&A start date. Please

be aware that Form 6 Approval can predate actual rig work by up to several months and that environmental conditions can change

quickly over that time. Chevron's Environmental Site Screening Process incorporates full environmental field clearances within 7

days of a scheduled well-work activity once the well is added to the active workover rig schedule. Should sensitive HPH conditions

be identified during the screening process, Chevron will delay the work until conditions (nesting) clear and/or consult directly with

CPW for guidance and discussion of potential mitigation measures that may be incorporated.

CPW consult not required.

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

Signed: _____

Print Name: Jotsna Saiganesh _____

Title: Technical Assistant _____

Date: _____

Email: jotsna.saiganesh@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: _____

COA Type	Description
1 COA	Submit Form 5A to report bridge plug (or squeeze) and up to date formation(s) perms identified on wellbore diagram attached to this Notice of Intent. Include wireline tickets and/or cement tickets. This Form 5A must be submitted prior to submission of the Subsequent Well Abandonment Report for compliance with Rule 416.

ATTACHMENT LIST

Att Doc Num	Name
404618078	WELLBORE DIAGRAM
404618079	WELLBORE DIAGRAM
404618080	SURFACE OWNER CONSENT
404618081	LOCATION PHOTO

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)