

Replug By Other Operator

Document Number:
 404556801

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 05-123-05578-00
 Well Name: DUELL Well Number: 1
 Location: QtrQtr: NWSE Section: 11 Township: 8N Range: 61W 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: 40.674827 Longitude: -104.169732
 GPS Data: GPS Quality Value: 2.2 Type of GPS Quality Value: PDOP Date of Measurement: 08/28/2018

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

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	16	10+3/4	NA	32.75	0	379	300	379	0	VISU
OPEN HOLE	7+7/8					8805				

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 120 sks cmt from 6322 ft. to 6022 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 120 sks cmt from 2375 ft. to 2075 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 280 sacks half in. half out surface casing from 700 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.

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 20'.
- 7 RIH to plug at 350'.
- 8 Mill through plug, estimated BOC at 400'.
- 9 Circulate 2X BU.
- 11 Wash down to casing stub at 6,322'.
- 12 Circulate 2X BU.
- 13 POOH, SB workstring, LD BHA.
- 14 RIH to 6,322'.
- 15 Establish circulation. Pump 120 sks of cement, plug from 6,322' to 6,022'
- 16 POOH w/ workstring to above plug and reverse circulate until clean returns observed.
- 17 POOH w/ workstring to 2,375'
- 18 Establish circulation. Pump 120 sks of cement, plug from 2,375' - 2,075'
- 19 POOH w/ workstring to above cement and reverse circulate until clean returns observed.
- 20 POOH w/ workstring to 700'.
- 21 Establish circulation. Pump 280 sks of cement as a balanced plug from 700' to surface.
- 22 Top off cement if needed.
- 23 ND BOP.
- 24 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: _____

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

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
404556811	WELLBORE DIAGRAM
404556813	WELLBORE DIAGRAM
404556815	SURFACE OWNER CONSENT
404556816	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)