

FORM

6

Rev
11/20

State of Colorado

Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

DE

ET

OE

ES

Replug By Other Operator

Document Number:

404001353

Date Received:

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: Greg Deronde

Name of Operator: PDC ENERGY INC

Phone: (720) 315-2038

Address: 1099 18TH STREET SUITE 1500

Fax:

City: DENVER State: CO Zip: 80202

Email: greg.deronde@chevron.com

For "Intent" 24 hour notice required, Name: Evins, Bret Tel: (970) 420-6699

ECMC contact: Email: bret.evins@state.co.us

Type of Well Abandonment Report:

☒ Notice of Intent to Abandon

☐ Subsequent Report of Abandonment

API Number 05-123-12001-00

Well Name: LAW Well Number: 1

Location: QtrQtr: NESW Section: 32 Township: 7N Range: 64W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 55852

Field Name: GALETON Field Number: 27930

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.527684 Longitude: -104.576557

GPS Data: GPS Quality Value: 1.0 Type of GPS Quality Value: PDOP Date of Measurement: 11/11/2024

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
CODELL	7058	7068	11/10/1992	B PLUG CEMENT TOP	6852
NIOBRARA	6872	6894	11/10/1992	B PLUG CEMENT TOP	6852

Total: 2 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	NA	24	0	314		314	0	VISU
1ST	7+7/8	4+1/2	NA	11.6	0	7200		7200	6389	CBL

Date Run: 11/20/2024 Doc [#404001353] Well Name: LAW 1

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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	116	sks cmt from	3660	ft. to	3360	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	116	sks cmt from	2132	ft. to	1832	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	345	sks cmt from	955	ft. to	0	ft.	Plug Type:	OPEN HOLE	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 _____ 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 Number of Days from Setting Surface Plug
Surface Plug Setting Date: _____ Cut and Cap Date: _____ 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.

- 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, mill through surface plug, wash down to surface shoe plug, estimated TOC at 262'. Pressure test surface casing against cement plug at 262' to 300 psi for 15 minutes 5% decrease allowed. This is to verify surface casing has integrity.
- 10 RIH and mill through surface shoe plug, est BOC is 350'.
- 11 LD power swivel.
- 12 Wash down to 3660'.
- 13 Circulate 2X bottoms up
- 14 POOH, L/D BHA
- 15 RIH to 3660' open ended.
- 16 Establish circulation. Pump 10bbls Chemical Wash followed by 116 sks of cement, plug from 3660'-3360'. Displace with fresh water to balance plug.
- 17 POOH w/ tubing to 3250' and reverse circulate until clean returns observed.
- 18 POOH w/ tubing to 2132'.
- 19 Pump 10bbls Chemical Wash followed by 116 sks of cement, plug from 2132'-1832'. Displace with fresh water to balance plug.
- 20 POOH w/ tubing to 1682' and reverse circulate until clean returns observed.
- 21 POOH w/ tubing to 955'.
- 22 Pump 345 sacks of cement to surface.
- 23 Top off cement if needed. Cement needs to be approx. 10' from surface.
- 24 ND BOP.
- 25 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.

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.co

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
0 COA	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
404001423	SURFACE AGRMT/SURETY
404001424	LOCATION PHOTO
404001427	WELLBORE DIAGRAM
404001431	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)