

FORM
6

Rev
02/20

State of Colorado
Oil and Gas Conservation Commission

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



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Replug By Other Operator

Document Number:

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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 05-123-10663-00
 Well Name: LUNDVALL Well Number: 2
 Location: QtrQtr: NENE Section: 18 Township: 5N Range: 66W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: 64050
 Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.404920 Longitude: -104.815960
 GPS Data: GPS Quality Value: 3.5 Type of GPS Quality Value: PDOP Date of Measurement: 09/16/2020
 GPS Instrument Operator's Name: Jake Stille
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other This is a Re-Entry for PDC's Bost Southeast (DSU 21) 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
CODELL	7370	7380	02/11/2000	B PLUG CEMENT TOP	7300

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	240	220	240	0	VISU
1ST	7+7/8	4+1/2	11.6	7,358	130	7,358	6,800	CALC

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 _____ 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:
 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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 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)
 Set 549 sacks half in. half out surface casing from 1240 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. _____ inch casing Cut and Cap Date: _____
 of _____
 *Wireline Contractor: _____ *Cementing Contractor: _____
 Type of Cement and Additives Used: _____
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Lundvall 2 (05-123-10663)/Re-Enter to Re-Plug Procedure (Intent)
 Original Plug Date: 2/11/2000
 Abandoned Formation: Codell: 7370'-7380'
 Upper Pierre Aquifer: 430'-1440'
 TD: 7450'
 Surface Casing: 8 5/8" 24# @ 240' w/ 220 sxs
 Production Casing: 4 1/2" 11.6# @ 7358' w/ 130 sxs (TOC @ 6800' – Well History)
 Casing Cut/Pull @ 1240'
 Existing Plugs: CIBP @ 7300' w/ 2 sxs (2/11/2000), 310'-210' (60 sxs), 32' to surface (10 sxs)
 Proposed Procedure:
 1. Dig out to find wellhead and check pressure. Cut cap off, extend surface pipe to achieve ground level.
 2. MIRU WO unit, ND wellhead, NU BOP, tally all pipe to be ran in well.
 3. Mill cement, cement btm is approximately 310' according to well history data.
 4. Wash run down to 4 1/2" casing stub @ 1240'.
 5. TIH with tubing to 1240'. RU cementing company. Mix and pump 549 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
 6. RDMO WO unit. Remove extension of surface pipe. Top off if necessary.
 7. 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

