

FORM
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Rev
05/18

State of Colorado Oil and Gas Conservation Commission

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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: _____ Tel: _____
COGCC contact: Email: _____

API Number 05-123-20749-00
Well Name: J&L FARMS Well Number: 12-29
Location: QtrQtr: SWNW Section: 29 Township: 6N Range: 63W Meridian: 6
County: WELD Federal, Indian or State Lease Number: _____
Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.459370 Longitude: -104.467915
GPS Data:
Date of Measurement: 11/01/2019 PDOP Reading: 2.0 GPS Instrument Operator's Name: Devon Arnold
Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
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	6741	6749	11/15/2019	B PLUG CEMENT TOP	6691

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	675	475	675	0	VISU
1ST	7+7/8	4+1/2	10.5	6,945	375	6,945	2,960	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6691 with 2 sacks cmt on top. CIBP #2: Depth 6400 with 2 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 86 sks cmt from 1643 ft. to 1375 ft. Plug Type: STUB PLUG 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 241 sacks half in. half out surface casing from 789 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: 1575 ft. 4+1/2 inch casing Cut and Cap Date: 11/19/2019
 of _____
 *Wireline Contractor: Ranger Energy Services *Cementing Contractor: NexTier
 Type of Cement and Additives Used: Type III 14.8 PPG Portland Cement
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

J&L Farms 12-29 (05-123-20749) Plugging Procedure
 Producing Formation: Codell: 6741'-6749'
 Upper Pierre Aquifer: 440'-1475'
 TD: 6959' PBD: 6920' (11/25/2003)
 Surface Casing: 8 5/8" 24# @675' w/ 475 sxs
 Production Casing: 4 1/2" 10.5# @ 6945' w/ 375 sxs cmt (TOC @ 2960' - CBL)
 Procedure:
 1. MIRU pulling unit. Pull 2 3/8" tubing.
 2. RU wireline company.
 3. TIH with CIBP. Set BP at 6691'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Codell perms @ 6741')
 4. TIH with CIBP. Set BP at 6400'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara @ 6450')
 5. Run CBL 2000' to Surface.
 6. TIH with casing cutter. Cut 4 1/2" casing at 1575'. Pull cut casing.
 7. TIH with tubing to 1643'. RU cementing company. Mix and pump 86 sxs 14.8#/gal Type III cement down tubing. (Pierre coverage from 1575'-1375'). TOC at 1375'.
 8. Pick up tubing to 789'. Mix and pump 240.6 sxs 14.8#/gal Type III cement down tubing. Cement circulate to surface (Pierre coverage from 775'-surface).
 9. Cut surface casing 6' below ground level and weld on cap.

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

