

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: Medina, Justin Tel: (720) 471-0006
 COGCC contact: Email: justin.medina@state.co.us

API Number 05-123-11201-00 Well Number: 2-30
 Well Name: L F RANCH
 Location: QtrQtr: NENW Section: 30 Township: 3N 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: 40.200940 Longitude: -104.483220
 GPS Data:
 Date of Measurement: 02/16/2008 PDOP Reading: 3.9 GPS Instrument Operator's Name: Holly L. Tracy
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 1840
 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-CODELL	6600	6834			
J SAND	7291	7336	06/04/1987	B PLUG CEMENT TOP	7054

Total: 2 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	420	300	420	0	VISU
1ST	7+7/8	4+1/2	11.6	7,420	320	7,420	6,186	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6550 with 2 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 63 sks cmt from 1890 ft. to 1640 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 252 sks cmt from 850 ft. to 0 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
 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. _____ inch casing Plugging Date: _____
 of _____
 *Wireline Contractor: _____ *Cementing Contractor: _____
 Type of Cement and Additives Used: _____
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

L.F. Ranch 2-30 (05-123-11201) Plugging Procedure (Intent)
 Producing Formation: Niobrara/Codell: 6600'-6834'
 Abandoned Formation: J-Sand (Upper, June 1987): 7291'-7306'
 J-Sand (Lower, August 1984): 7320'-7336'
 Upper Pierre Aquifer: 750'-1740'
 TD: 7420' PBD: 6920' (7/31/2007)
 Surface Casing: 8 5/8" 24# @ 420' w/ 300 sxs
 Production Casing: 4 1/2" 11.6# @ 7420' w/ 320 sxs cmt (TOC @ 6186' - CBL)
 • Existing BP set 8/1/1984 @ 7319' (sand fill cleaned out to 6920' 7/31/2007)
 • Existing BP set 6/4/1987 @ 7054' + 1 sx cmt (sand fill cleaned out to 7312' 9/12/1984)
 • Initial sand fill cleaned out to 7360' 7/31/1984
 Tubing: 2 3/8" tubing set @ 6812' (7/31/2007)
 Proposed Procedure:
 1. MIRU pulling unit. Pull 2 3/8" tubing.
 2. RU wireline company.
 3. RIH & tag existing sand fill at 6,920'.
 4. TIH with CIBP. Set BP at 6550'. Top with 2 sxs 15.8#/gal CI G cement. (Top of Niobrara perms @ 6600')
 5. TIH with casing cutter. Cut 4 1/2" casing at 1840'. Pull cut casing.
 6. TIH with tubing to 1890'. RU cementing company. Mix and pump 63 sxs 15.8#/gal CI G cement down tubing (Pierre coverage from 1840'-1640').
 7. Pick up tubing to 850'. Mix and pump 252 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface (Pierre coverage from 850'-surface). TOOH with tubing.
 8. 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

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: _____

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402141260	WELLBORE DIAGRAM
402141261	WELLBORE DIAGRAM
402141331	GYRO SURVEY

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)