

Document Number:
401341706

Date Received:
07/13/2017

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: Kelsi Welch

Name of Operator: PDC ENERGY INC Phone: (303) 831-3974

Address: 1775 SHERMAN STREET - STE 3000 Fax: _____

City: DENVER State: CO Zip: 80203 Email: kelsi.welch@pdce.com

For "Intent" 24 hour notice required, Name: Peterson, Tom Tel: (303) 815-9641

COGCC contact: Email: tom.peterson@state.co.us

API Number 05-069-06269-00 Well Name: LAUNE Well Number: 44-25

Location: QtrQtr: SESE Section: 25 Township: 5N Range: 68W Meridian: 6

County: LARIMER Federal, Indian or State Lease Number: _____

Field Name: JOHNSON'S CORNER Field Number: 42570

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.365690 Longitude: -104.948110

GPS Data:
Date of Measurement: 10/23/2010 PDOP Reading: 1.2 GPS Instrument Operator's Name: Steve Cure

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____

Casing to be pulled: Yes No Estimated Depth: 600

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	7054	7076			
NIOBRARA	6730	6951			
J SAND	7516	7550	03/18/2002	BRIDGE PLUG	7490

Total: 3 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	382	275	382	0	
1ST	7+7/8	4+1/2	11.6	7,688	675	7,688	5,522	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7490 with 2 sacks cmt on top. CIBP #2: Depth 6680 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 200 sks cmt from 650 ft. to 0 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 _____ 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 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Laune 44-25 (05-069-06269)/Plugging Procedure (Intent)
 Producing Formation (Perforations): Niobrara: 6730'-6951' Codell: 7054'-7076' J-Sand: 7516'-7550'
 TD: 7688' PBTD: 7490'
 Surface Casing: 8 5/8" 24# @ 382' w/ 275 sxs
 Production Casing: 4 1/2" 11.6# @ 7688' w/ 675 sxs cmt (TOC @ 5522' - CBL). Existing CIBP @ 7490' w/ no cement top (3/18/2002).
 Tubing: 2 3/8" tubing set @ 7047' (3/21/2002).
 Proposed Procedure:
 1. Run Gyro Survey.
 2. MIRU pulling unit. Pull 2 3/8" tubing.
 3. RU wireline company.
 4. Load dump bailer with 2 sxs of 15.8#/gal CI G cement. TIH with dump bailer and spot on top of existing CIBP @ 7490'.
 5. TIH with CIBP. Set BP at 6680'. Top with 2 sxs 15.8#/gal CI G cement.
 6. TIH with casing cutter. Cut 4 1/2" casing at 600'. Pull cut casing.
 7. TIH with tubing to 650'. RU cementing company. Mix and pump 200 sxs 15.8#/gal CI G cement down tubing. Cement should circulate to surface.
 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: Kelsi Welch
 Title: Production Tech Date: 7/13/2017 Email: kelsi.welch@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: BURN, DIANA

Date: 7/31/2017

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 1/30/2018

COA Type	Description
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.
	Prior to initiation of plugging operations, a Bradenhead test shall be performed. If there is 25# or greater present at the beginning of the test call COGCC Engineer for possible sampling requirements. Form 17 shall be submitted within 10 days.
	The Jsand was TA'd 3/18/2002. Please update the production to reflect that fact.

Attachment Check List

Att Doc Num	Name
401341706	FORM 6 INTENT SUBMITTED
401341718	WELLBORE DIAGRAM
401341719	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Engineer	SB5 blank - Deepest WW 28' 1 mi - 480' 2 mi	07/30/2017
Public Room	Document verification complete 07/19/17	07/19/2017

Total: 2 comment(s)