

Document Number:
401876490

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: 90615 Contact Name: Cal St John

Name of Operator: TUDEX PETROLEUM INC Phone: (303) 894-2100

Address: 2121 39TH AVE NE UNIT E Fax: _____

City: CALGARY State: AL Zip: T2E 6R7 Email: cal.stjohn@state.co.us

For "Intent" 24 hour notice required, Name: Medina, Justin Tel: (720) 471-0006

COGCC contact: Email: justin.medina@state.co.us

API Number 05-001-08162-00

Well Name: CROFF Well Number: 12-5

Location: QtrQtr: SWNE Section: 12 Township: 1S Range: 68W Meridian: 6

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

Field Name: SPINDLE Field Number: 77900

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.980940 Longitude: -104.946910

GPS Data:
Date of Measurement: 04/28/2012 PDOP Reading: 1.2 GPS Instrument Operator's Name: WYATT HALL

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Bond Claim

Casing to be pulled: Yes No Estimated Depth: 1010

Fish in Hole: Yes No If yes, explain details below

Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below

Details: Well to be plugged by COGCC Orphaned Well Program.

CBL Required.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
SUSSEX	4936	4999			

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	199	150	199	0	VISU
1ST	7+7/8	4+1/2	10.5	5,139	380	5,139	3,467	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4861 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 400 sks cmt from 1060 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 2500 ft. with 32 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:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Cal St John
 Title: OWP Engineering Tech Date: _____ Email: cal.stjohn@state.co.us

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: _____

COA Type	Description

Attachment Check List

Att Doc Num	Name
401956169	WELLBORE DIAGRAM

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Well File Verification	Pass	01/07/2019
Engineer	Lower Arapahoe 4803 5037 74.4 272 38 20.24 NNT Laramie-Fox Hills 4198 4427 137.0 877 648 32.89 NT Deepest 960' (multiples) LA developed DIL 1160'	01/04/2019
Permit	Pass	12/27/2018

Total: 3 comment(s)