

Document Number:
401952991

Date Received:
02/28/2019

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 05-001-08163-00

Well Name: REINHOLT Well Number: 12-6

Location: QtrQtr: NWNE 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: 39.983933 Longitude: -104.947279

GPS Data:
Date of Measurement: _____ PDOP Reading: _____ GPS Instrument Operator's Name: _____

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other Bond claim

Casing to be pulled: Yes No Estimated Depth: 1500

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 | 4923 | 4990 | | B PLUG CEMENT TOP | 4848 |

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 | 197 | 150 | 197 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 10.5 | 5,110 | 300 | 5,110 | 3,790 | CALC |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4848 with 2 sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 60 sks cmt from 1550 ft. to 1400 ft. Plug Type: STUB PLUG Plug Tagged:
 Set 400 sks cmt from 1090 ft. to 0 ft. Plug Type: CASING 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: 2/27/2019 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: HICKEY, MIKE Date: 2/28/2019

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 8/27/2019

| COA Type | Description |
|----------|-------------|
| | |

Attachment Check List

| Att Doc Num | Name |
|-------------|-------------------------|
| 401952991 | FORM 6 INTENT SUBMITTED |
| 401956186 | WELLBORE DIAGRAM |

Total Attach: 2 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|---------------------|
| Engineer | Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare. | 02/28/2019 |
| Engineer | <p>Prior to starting plugging operations a bradenhead test shall be performed.</p> <ol style="list-style-type: none">1)If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.2)If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.3)If sampling is required contact COGCC engineering for a confirmation of plugging requirements prior to placing any plugs.4)Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. The Form 17 shall be submitted within 10 days of the test.5)Submit Form 42 electronically to COGCC 48 hours prior to MIRU6)Prior to cutting casing or placing the 1,500' plug: verify that all fluid migration (liquid or gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging requirements.7)After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours and tag plug – top of plug must be not deeper than 1,450' and provide minimum 10 sx plug at the surface.8)Leave at least 100' of cement in the wellbore for each plug.9)Properly abandon flowlines as per Rule 1105. File electronic Form 42 once abandonment complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line the operator must submit a Flowline Report, Form 44. | 02/28/2019 |

Total: 2 comment(s)