

Document Number:
401262382

Date Received:
04/20/2017

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: 61650 Contact Name: Tom Melland

Name of Operator: MURFIN DRILLING COMPANY INC Phone: (316) 858-8695

Address: 250 N WATER ST STE 300 Fax: _____

City: WICHITA State: KS Zip: 67202 Email: tmelland@murfininc.com

For "Intent" 24 hour notice required, Name: Welsh, Brian Tel: (719) 325-6919

COGCC contact: Email: brian.welsh@state.co.us

API Number 05-011-06148-00

Well Name: TEMPEL Well Number: 1-13

Location: QtrQtr: SWSW Section: 13 Township: 21S Range: 48W Meridian: 6

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

Field Name: MCCLAVE Field Number: 53600

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 38.218904 Longitude: -102.757503

GPS Data:
Date of Measurement: 04/19/2009 PDOP Reading: 1.7 GPS Instrument Operator's Name: Joseph Dugan

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: Tubing conveyed gun

Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| MORROW | 4683 | 4692 | | | |

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 | 426 | 210 | 426 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 10.5 | 4,885 | 175 | 4,885 | 4,058 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4620 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 _____ 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:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 1100 ft. with 40 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at 476 ft. with 50 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at 50 ft. with 40 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:

Please provide required plugging procedure.

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

Signed: _____ Print Name: Tom Melland

Title: Production Engineer Date: 4/20/2017 Email: tmelland@murfininc.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: SUTPHIN, DIRK Date: 5/2/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 11/1/2017

| COA Type | Description |
|-----------------|--|
| | Note changes to submitted form. 1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Shoe plug: Tag plug 50' above surface casing shoe. 3) Surface plug: Cement from 50' to surface in casing and annulus. 4) Properly abandon flowlines per Rule 1103. File Form 42 when done. 5) Abandoned well marker shall be inscribed with the well identification per Rule 319.a. (5). |
| | Bradenhead: Prior to initiation of plugging operations, a Bradenhead test shall be performed. Form 17 shall be submitted within 10 days. If there is 25 psi or greater pressure on the Bradenhead, or flowed any liquids from the Bradenhead, collect samples. See COGCC website - Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling. |

Attachment Check List

| Att Doc Num | Name |
|--------------------|-------------------------|
| 401262382 | FORM 6 INTENT SUBMITTED |
| 401263919 | WELLBORE DIAGRAM |
| 401263921 | WELLBORE DIAGRAM |
| 401263923 | CEMENT JOB SUMMARY |
| 401263924 | CEMENT JOB SUMMARY |
| 401263926 | CEMENT BOND LOG |

Total Attach: 6 Files

General Comments

| User Group | Comment | Comment Date |
|-------------------|---|---------------------|
| Public Room | Document verification complete 05/02/17 | 05/02/2017 |
| Engineer | Plugging: Changed CIBP depth to 4620'. (50'-100' above perms). Added plug at 1100'. (base of CYNN 980' on Dual Induction Log). | 04/27/2017 |
| Permit | Operator has made necessary corrections. | 04/20/2017 |
| Permit | Plugging procedure blank. WBDs missing. Contacted operator. Returned to draft. | 04/19/2017 |

Total: 4 comment(s)