

FORM
6Rev
05/18State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

401480919

Date Received:

01/02/2018

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:

Tel:

COGCC contact:

Email:

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: 05/02/2009

PDOP Reading: 1.7

GPS Instrument Operator's Name: Joseph Dugan

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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
MORROW	4683	4692	11/29/2017	CEMENT	3379

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 _____ with _____ 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 40 sks cmt from 3379 ft. to 3180 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: ☐

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 10 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: 0 ft. _____ inch casing Plugging Date: 12/07/2017

*Wireline Contractor: Peak Wireline *Cementing Contractor: QES

Type of Cement and Additives Used: 60/40 poz w/ 4% gel

Flowline/Pipeline has been abandoned per Rule 1105 ☒ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Packer stuck. Cut tubing @ 4600'. Stacked out at 1720' with CIBP. TIH with tubing and 3.75" bit. Could not get past 3379' with bit. COGCC ok'd shooting squeeze holes at 3379' and squeezing with 40 sx cement.

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: 1/2/2018 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: Bouzek, Jared Date: 11/30/2018

CONDITIONS OF APPROVAL, IF ANY:

COA Type Description

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401480919	FORM 6 SUBSEQUENT SUBMITTED
401488433	CEMENT JOB SUMMARY
401491278	WIRELINE JOB SUMMARY
401499742	WELLBORE DIAGRAM

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Need Form 42 for flowline abandonment Need Form 17 for bradenhead test performed before starting P&A Form 7: I see a comment from you that TA status was reporting incorrectly. If that is the case, need to change reporting status from TA to SI for March 2016 through Aug 2017.	11/23/2018
Engineer	Perfs were shot @ 3379'. Not enough room in perf section of the procedure.	11/23/2018

Total: 2 comment(s)