

**FORM**  
**6**  
Rev  
12/05

**State of Colorado**  
**Oil and Gas Conservation Commission**

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



DE	ET	OE	ES
Document Number: 400973238			
Date Received: 01/25/2016			

**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) 858-8659  
 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 05-099-06298-00 Well Number: 2-29  
 Well Name: LAMAR LIVESTOCK  
 Location: QtrQtr: SWSW Section: 29 Township: 21S Range: 46W Meridian: 6  
 County: PROWERS Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: CHANNING Field Number: 10880

Notice of Intent to Abandon  Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 38.189214 Longitude: -102.610621  
 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  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Estimated Depth: 4729  
 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
MORROW	4607	4611		CEMENT	

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	915	450	915	0	VISU
1ST	7+7/8	4+1/2	10.5	4,774	150	4,774	4,042	CBL
1ST LINER	3+7/8	2+3/8	4.7	4,546	240	4,546	450	CALC

## 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 90 sks cmt from 4644 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:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Perforate and squeeze at 3800 ft. with 40 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at 1300 ft. with 40 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at 965 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 20 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. of \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_  
\*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:

2 3/8" tubing was previously cemented in to squeeze casing leaks in 4 1/2" casing. Top of cement in 4 1/2 x 2 3/8 annulus was determined by temperature log which is attached. Please provide required cementing 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: 1/25/2016 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: 2/8/2016

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: 8/7/2016

<b>COA Type</b>	<b>Description</b>
	Note changes to submitted form. 1) Provide 48 hour notice of MIRU via electronic Form 42. 2) Tag 965' shoe plug 50' above surface casing shoe and cement from 50' to surface in casing and both annuluses. 3) Properly abandon flowlines as per Rule 1103. File Form 42 when abandonment complete. 4) Abandoned well marker shall be inscribed with the well's legal location, well name and number, and API Number, as per Rule 319.a.(5).

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
400973238	FORM 6 INTENT SUBMITTED
400974269	OTHER
400974275	WELLBORE DIAGRAM
400977497	CEMENT BOND LOG
400977509	CEMENT JOB SUMMARY
400977511	CEMENT JOB SUMMARY
400977512	CEMENT JOB SUMMARY

Total Attach: 7 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	The 2-3/8" tubing cemented in place without prior approval. Added plugs at 3800' (top of Marmaton), 1300' (base of Cheyenne), 965' (across surface casing shoe), 50' to surface.	2/8/2016 10:23:12 AM
Public Room	Document verification complete 01/27/16	1/27/2016 4:11:56 PM
Permit	Morrow perf interval corrected to 4607'-4611', per operator.	1/26/2016 7:30:06 AM
Permit	Is the Morrow perf interval 4607'-4611', per well completion report and wellbore diagram? Contacted operator.	1/25/2016 4:24:59 PM

Total: 4 comment(s)