

FORM
6Rev
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 Name: LAMAR LIVESTOCK

Well Number: 2-29

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☐ OtherCasing 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

COA Type	Description
	<p>Note changes to submitted form.</p> <p>1) Provide 48 hour notice of MIRU via electronic Form 42.</p> <p>2) Tag 965' shoe plug 50' above surface casing shoe and cement from 50' to surface in casing and both annuluses.</p> <p>3) Properly abandon flowlines as per Rule 1103. File Form 42 when abandonment complete.</p> <p>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).</p>

Attachment Check List

Att Doc Num	Name
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

User Group	Comment	Comment Date
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)