

FORM  
6Rev  
12/05State 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:

2363284

Date Received:

07/14/2014

## 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: 51090 Contact Name: JIM ROUTSON  
Name of Operator: LONE MOUNTAIN PRODUCTION COMPANY Phone: (406) 2455077  
Address: P O BOX 80965 Fax: (406) 2486321  
City: BILLINGS State: MT Zip: 59108- Email: JIMFOUTSON@LONEMTNPRD.COM  
For "Intent" 24 hour notice required, Name: Granahan, Kyle Tel: (970) 989-4388  
COGCC contact: Email: kyle.granahan@state.co.us

API Number 05-077-05002-00  
Well Name: BAR X UNIT Well Number: 2  
Location: QtrQtr: NENE Section: 31 Township: 8S Range: 104W Meridian: 6  
County: MESA Federal, Indian or State Lease Number: 35264  
Field Name: BAR X Field Number: 5470

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 39.330210 Longitude: -109.024060  
GPS Data:  
Date of Measurement: 05/27/2011 PDOP Reading: 0.0 GPS Instrument Operator's Name: JOE DYK  
Reason for Abandonment: ☐ Dry ☒ Production for 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:

## Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
DAKOTA	2970	3006	10/23/1955		
MORRISON	3360	3379	10/25/1955		

Total: 2 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	14+3/4	10+3/4	32.75	137	100	137	0	VISU
1ST	8+3/4	5+1/2	14	3,440	250	3,440	2,485	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 50 sks cmt from 3200 ft. to 2900 ft. Plug Type: CASING Plug Tagged: ☐  
Set 10 sks cmt from 2900 ft. to 2800 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 187 ft. with 90 sacks. Leave at least 100 ft. in casing 187 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. 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:

PLUG BEING SET AT 2900' IS A RETAINER. CASING AND ANNULUS WILL BE FULL OF CEMENT 187'-SFC

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

Signed: \_\_\_\_\_ Print Name: JAMES G ROUTSON

Title: PETROLEUM ENGINEER Date: 7/9/2014 Email: JIMROUTSON@LONEMTNPROD.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: BURGER, CRAIG Date: 7/15/2014

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ Expiration Date: 1/14/2015

### COA Type

### Description

- 1) Provide 48 hour notice of plugging MIRU via electronic Form 42.
- 2) Properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete.

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2363281	OTHER
2363282	OTHER
2363283	WELLBORE DIAGRAM
2363284	FORM 6 INTENT SUBMITTED
2363285	CORRESPONDENCE

Total Attach: 5 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Revised plugging procedure tab to match attached procedure. Changed CICR depth on submit tab from 2990 to 2900.	7/15/2014 3:40:44 PM
Permit	Passes Permitting.	7/15/2014 7:01:03 AM

Total: 2 comment(s)