

**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



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Document Number:  
400375022

Date Received:  
01/28/2013

**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: 96155 Contact Name: Pauleen Tobin  
 Name of Operator: WHITING OIL AND GAS CORPORATION Phone: (303) 8371661  
 Address: 1700 BROADWAY STE 2300 Fax: (303) 390-4923  
 City: DENVER State: CO Zip: 80290 Email: pollyt@whiting.com

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
**COGCC contact:** Email: \_\_\_\_\_

API Number 05-081-07209-00 Well Number: 11-26  
 Well Name: LION GOVERNMENT  
 Location: QtrQtr: NWNW Section: 26 Township: 12N Range: 101W Meridian: 6  
 County: MOFFAT Federal, Indian or State Lease Number: COD 053178  
 Field Name: HIAWATHA WEST Field Number: 34351

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 40.975780 Longitude: -108.722030  
 GPS Data:  
 Date of Measurement: 05/04/2006 PDOP Reading: 2.1 GPS Instrument Operator's Name: Larry D. Brown  
 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
FORT UNION	4200	4668	12/06/2012	RETAINER/SQUEEZED	4092
LEWIS	4751	4841	12/06/2012	RETAINER/SQUEEZED	4092

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	12	8+5/8	24	534	265	534	0	VISU
1ST	7+7/8	4+1/2	11.6	4,902	623	4,902	1,320	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4092 with 10 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 4200 ft. with 100 sacks. Leave at least 100 ft. in casing 4092 CICR Depth  
 Perforate and squeeze at 583 ft. with 175 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: 12/05/2012  
 \*Wireline Contractor: Continental Services \*Cementing Contractor: Continental Services  
 Type of Cement and Additives Used: Class G neat cement, mixed to 15.8 ppg, 1.14 cu-ft/sk yield  
 Flowline/Pipeline has been abandoned per Rule 1103  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

Work tickets show 3' cut off below ground level. I talked with Larry Bilby at Continental, who verified that was a typo that is was 4' cut off below ground level.

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

Signed: \_\_\_\_\_ Print Name: Pauleen Tobin  
 Title: Engineer Tech Date: 1/28/2013 Email: pollyt@whiting.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: ANDREWS, DAVID Date: 7/25/2013

**CONDITIONS OF APPROVAL, IF ANY:**

### Attachment Check List

Att Doc Num	Name
400375022	FORM 6 SUBSEQUENT SUBMITTED
400375026	WELLBORE DIAGRAM
400375148	WIRELINE JOB SUMMARY

Total Attach: 3 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Engineer	Circulated cement down casing and up annulus to surface through perforations at 583'. Completely cemented with no additional top-out reported.	7/25/2013 5:33:52 PM

Total: 1 comment(s)