

**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: 53255 Contact Name: Naomi Azulai  
 Name of Operator: MARALEX RESOURCES, INC Phone: (970) 5634000  
 Address: P O BOX 338 Fax: (970) 5634116  
 City: IGNACIO State: CO Zip: 81137 Email: maralextech@gmail.com

**For "Intent" 24 hour notice required,** Name: Conklin, Curtis Tel: (970) 986-7314  
 COGCC contact: Email: curtis.conklin@state.co.us

API Number 05-077-08622-00 Well Name: SOUTH SHALE RIDGE Well Number: 10-15  
 Location: QtrQtr: NWSE Section: 15 Township: 8S Range: 98W Meridian: 6  
 County: MESA Federal, Indian or State Lease Number: 36021  
 Field Name: SOUTH SHALE RIDGE Field Number: 77760

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 39.358663 Longitude: -108.314112  
 GPS Data:  
 Date of Measurement: 11/08/2010 PDOP Reading: 6.0 GPS Instrument Operator's Name: M.Nastal  
 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
CAMEO COAL	3194	3291		B PLUG CEMENT TOP	3150
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	9+5/8	36	133	82	133	0	CALC
1ST	8+3/4	7	32	3,184	130	3,184	2,189	CALC
OPEN HOLE				3,291				
		7	Stage Tool	1,980	150	1,980	833	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3150 with 2 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 10 sks cmt from 2030 ft. to 1930 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 183 ft. with 60 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  
 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:

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

Signed: \_\_\_\_\_ Print Name: Naomi Azulai  
 Title: Production Technician Date: 6/16/2015 Email: maralextech@gmail.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: 6/17/2015

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 12/16/2015

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. 3) Well API # is required on the steel plate per rule 319.a(5). 4) Revised and additional plug: 4 sacks minimum on top of CIBP at 3150' and a 100' plug is required in casing across the stage tool from 2030' to 1930'. Minimum 10 sack balanced plug.

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400853849	FORM 6 INTENT SUBMITTED
400853856	PROPOSED PLUGGING PROCEDURE
400853863	WELLBORE DIAGRAM
400853960	WELLBORE DIAGRAM

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Removed stage cement row from casing tab, revised 1st string information, and added open hole to match well completion report. Stage tool provided cement across "probable fresh water sands" noted on well completion report from 1610' to 1962'. Revised plugging procedure tab to match attached procedure and revised plugs.	6/17/2015 9:02:33 AM
Permit	Passes Permitting.	6/17/2015 7:32:54 AM

Total: 2 comment(s)