

Document Number:  
401060305

Date Received:  
06/08/2016

**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: 10524 Contact Name: Mike Griffis

Name of Operator: GRMR OIL & GAS LLC Phone: (720) 235-5071

Address: 370 INTERLOCKEN BLVD SUITE 550 Fax: \_\_\_\_\_

City: BROOMFIELD State: CO Zip: 80021 Email: mike.griffis@grmroilandgas.com

**For "Intent" 24 hour notice required,** Name: Waldron, Emily Tel: (970) 819-9609

**COGCC contact:** Email: emily.waldron@state.co.us

API Number 05-081-06583-00

Well Name: DURHAM RANCHES Well Number: #32-1

Location: QtrQtr: SENW Section: 32 Township: 5N Range: 90W Meridian: 6

County: MOFFAT Federal, Indian or State Lease Number: 39354

Field Name: WADDLE CREEK Field Number: 90450

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 40.343019 Longitude: -107.521403

GPS Data:  
Date of Measurement: 05/11/2011 PDOP Reading: 2.6 GPS Instrument Operator's Name: Bart Hunting

Reason for Abandonment:  Dry     Production 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
NIOBRARA	2631	3233			

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	40	417	200	417	0	VISU
2ND	7+7/8	5+1/2	14	3,040	100	2,631	1,527	CALC
OPEN HOLE	4+3/4			3,233				

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2620 with 12 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 18 sks cmt from 367 ft. to 517 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 467 ft. with 23 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 12 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: Mike Griffis  
 Title: Operations Manager Date: 6/8/2016 Email: mike.griffis@grmroilandgas.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, DAVE Date: 6/25/2016

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 12/24/2016

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) Notify COGCC Engineering staff of any casing leaks during 5-1/2" casing pressure test described in operator's attached procedure. 4) Surface plug is required in casing and any open annuli, minimum 50' to surface.

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2056213	WELLBORE DIAGRAM
401060305	FORM 6 INTENT SUBMITTED

Total Attach: 2 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Added Niobrara Completed Interval from 2631' MD (depth of 5-1/2" external casing packer; no cement behind 5-1/2" casing below the ECP) to 3233' MD (total depth of open hole interval). This zone is currently open. Casing will not be pulled. Changed 18 sx cement half-in/half-out of surface casing to 18 sx cement in casing from 517' to 367' (balanced plug in casing, to be set after squeeze at 467'; to be tagged after waiting on cement, as shown in operator's attached procedure). Replaced Wellbore Diagram and Procedure attachment with a revised version submitted by operator on 6/24/2016.	6/25/2016 11:15:04 AM
Public Room	Document verification complete 06/09/16	6/9/2016 4:48:35 PM
Permit	Pass. Form 7 OK.	6/9/2016 9:55:02 AM

Total: 3 comment(s)