

Document Number:  
2361423

Date Received:  
03/17/2014

**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: 62340 Contact Name: ANDREW BUSCH

Name of Operator: NATIONAL FUEL CORPORATION Phone: (303) 2207772

Address: 8400 EAST PRENTICE AVE #735 Fax: (303) 2207773

City: GREENWOOD State: CO Zip: 80111- Email: ABUSCH@NATIONAL-FUEL.COM

**For "Intent" 24 hour notice required,** Name: KELLERBY, SHAUN Tel: (970) 285-7235

**COGCC contact:** Email: shaun.kellerby@state.co.us

API Number 05-077-08079-00

Well Name: GOVERNMENT Well Number: 34-1

Location: QtrQtr: SWSW Section: 34 Township: 8S Range: 104W Meridian: 6

County: MESA Federal, Indian or State Lease Number: 35229

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: 39.319810 Longitude: -108.981750

GPS Data:  
Date of Measurement: 09/27/2011 PDOP Reading: 3.0 GPS Instrument Operator's Name: Greg Olsen ULES

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	2294	2458			
MORRISON	2608	2670			

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+1/4	7+5/8	26	150	100	150	0	VISU
1ST	6+1/4	4+1/2	10.5	2,696	120	2,696	1,700	CALC
S.C. 1.1				1,700	175	1,700	1,400	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2200 with 2 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 \_\_\_\_\_ 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 200 ft. with 50 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: ANDREW BUSCH  
 Title: VP OPERATIONS Date: 3/10/2014 Email: ABUSCH@NATIONAL-FUEL.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: 3/31/2014

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 9/29/2014

COA Type	Description
	Notify COGCC inspector 24 hours prior to commencing plugging operations.

### Attachment Check List

Att Doc Num	Name
2361423	FORM 6 INTENT SUBMITTED
2361424	WELLBORE DIAGRAM

Total Attach: 2 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
	Changed procedure from casing plugs at 0-200 feet to perforate at 200 ft and squeeze 50 sxs as described in previous sundry submitted by operator. Revised casing history to include squeeze job.	3/31/2014 10:21:17 AM
Permit	Passes Permitting.	3/18/2014 9:44:32 AM

Total: 2 comment(s)