

Document Number:
2091098

Date Received:
06/24/2014

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: BROWNING, CHUCK Tel: (970) 433-4139

COGCC contact: Email: chuck.browning@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
MORRISON	2294	2670			

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	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. 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 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 1 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: 06/10/2014
 *Wireline Contractor: MESA WIRELINE *Cementing Contractor: WELL PLUGGERS INC
 Type of Cement and Additives Used: CLASS "G"
 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: V.P. OF OPERATIONS Date: 6/13/2014 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: 7/29/2014

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description
	1) 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>
2091098	FORM 6 SUBSEQUENT SUBMITTED
2362856	WIRELINER JOB SUMMARY
2362857	WELLBORE DIAGRAM
2362858	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Revised zone tab. Deleted Dakota based on doc #486892 (well completion) and production reporting (Morrison only). Revised plugging procedure tab to match attachments.	7/29/2014 10:55:11 AM
Permit	Passes Permitting.	7/14/2014 9:33:36 AM

Total: 2 comment(s)