

FORM
6Rev
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



DE ET OE ES

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☐ OtherCasing 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)