

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



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08/01/2012

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) 220-7772

Address: 8400 EAST PRENTICE AVE #1100

Fax: (303) 220-7773

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 05-077-05129-00

Well Name: GREAT BASINS-FEDERAL

Well Number: 2

Location: QtrQtr: SWSE Section: 29 Township: 8S Range: 100W Meridian: 6

County: MESA

Federal, Indian or State Lease Number: 35701

Field Name: HUNTERS CANYON

Field Number: 37700

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.324286

Longitude: -108.568851

GPS Data:

Date of Measurement: 07/09/2009

PDOP Reading: 1.8

GPS Instrument Operator's Name: BEN JOHNSON

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: THE FOLLOWING PLUGGING PROCEDURE IS FOR WORK PERFORMED.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CAMEO	632	639	06/29/2012	B PLUG CEMENT TOP	600
MESAVERDE	1140	1160	06/29/2012	B PLUG CEMENT TOP	1030

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	16+3/4	13+3/8	54.5	103	100	103	0	VISU
1ST	12+1/4	9+5/8	36	1,230	275	2,132	244	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 1030 with 2 sacks cmt on top. CIPB #2: Depth 600 with 2 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 65 sks cmt from 160 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐
Set 55 sks cmt from 55 ft. to 0 ft. Plug Type: ANNULUS 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 _____ 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

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: 07/06/2012

*Wireline Contractor: DLD 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: VP OF OPERATIONS

Date: 7/16/2012

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: JENKINS, STEVE

Date: 12/31/2012

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

Att Doc Num	Name
1533543	WELLBORE DIAGRAM
2237487	FORM 6 SUBSEQUENT SUBMITTED
2237488	CEMENT JOB SUMMARY

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	off hold; attached WBD	3/9/2012 7:01:54 AM
Permit	on hold; need plugging WBD	8/7/2012 11:22:55 AM

Total: 2 comment(s)