

Document Number:
2330276

Date Received:
12/29/2011

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: _____ Tel: _____

COGCC contact: Email: _____

API Number 05-077-08009-00

Well Name: GREAT BASINS-H.C.-FEDERAL Well Number: 5

Location: QtrQtr: SWNW 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: 39.331879 Longitude: -108.576190

GPS Data:
Date of Measurement: 07/09/2009 PDOP Reading: 1.6 GPS Instrument Operator's Name: BEN JOHNSON/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: THE FOLLOWING DETAILS ARE POST PLUG AND ABANDONMENT.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
ROLLINS	1522	1564	12/20/2011	BRIDGE PLUG	1514
MESAVERDE	1768	1772	06/28/1990	BRIDGE PLUG	1690

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	13+3/8	12+1/4	28	153	81	153	0	VISU
1ST	7+7/8	5+1/2	14	2,044	100	2,044	1,265	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 1690 with 3 sacks cmt on top. CIBP #2: Depth 1514 with 3 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 230 ft. with 95 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: 0 ft. of _____ inch casing Plugging Date: 12/23/2011
 *Wireline Contractor: DLD WIRELINE *Cementing Contractor: WELL PLUGGERS INC.
 Type of Cement and Additives Used: CLASS "G" NO ADDITIVES
 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: 12/23/2011 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: 3/29/2012

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2330276	FORM 6 SUBSEQUENT SUBMITTED
2330277	OPERATIONS SUMMARY
2330278	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)