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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 05-077-05128-00 Well Number: 1
 Well Name: GREAT BASINS-FEDERAL
 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: 39.324484 Longitude: -108.568915
 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
 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 PLUGGING PROCEDURE IS FOR WORK PERFORMED.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CAMEO	644	651	06/29/2012	B PLUG CEMENT TOP	600
MESAVERDE	763	951	06/29/2012	B PLUG CEMENT TOP	700
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+3/4	10+3/4	32	199	150	199	0	VISU
1ST	7+7/8	5+1/2	15.5	2,132	600	2,132	0	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 700 with 2 sacks cmt on top. CIBP #2: Depth 600 with 2 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 30 sks cmt from 250 ft. to 0 ft. Plug Type: CASING Plug Tagged:
 Set 45 sks cmt from 115 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
1533542	WELLBORE DIAGRAM
2237489	FORM 6 SUBSEQUENT SUBMITTED
2237490	CEMENT JOB SUMMARY

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Permit	off hold; WBD attached.	3/9/2012 7:00:50 AM
Permit	on hold; need plugging WBD	8/7/2012 11:21:35 AM

Total: 2 comment(s)