

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: 69792 Contact Name: WES DIGRAPPA
 Name of Operator: GREAT NORTHERN GAS COMPANY Phone: (303) 295-0938
 Address: 621 17TH ST STE 2150 Fax: _____
 City: DENVER State: CO Zip: 80293 Email: wes.digrappa@greatnortherngas.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
 COGCC contact: Email: _____

API Number 05-103-07683-00 Well Number: 1-36
 Well Name: TAIGA-FEDERAL
 Location: QtrQtr: NWNW Section: 36 Township: 4S Range: 102W Meridian: 6
 County: RIO BLANCO Federal, Indian or State Lease Number: 45179
 Field Name: FOUNDATION CREEK Field Number: 26300

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.661730 Longitude: -108.800820
 GPS Data:
 Date of Measurement: 06/28/2012 PDOP Reading: 6.0 GPS Instrument Operator's Name: Hayes Petroleum
 Reason for Abandonment: Dry Production 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
MANCOS B	3254	3619	05/11/2016	B PLUG CEMENT TOP	3217

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	8+5/8	24	153		155	0	VISU
1ST	7+7/8	4+1/2	9.6	3,752	300	3,752	2,390	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3217 with 10 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 <u>40</u> sks cmt from <u>2412</u> ft. to <u>2180</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>25</u> sks cmt from <u>2175</u> ft. to <u>2006</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>33</u> sks cmt from <u>2000</u> ft. to <u>1728</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>10</u> sks cmt from <u>1726</u> ft. to <u>1599</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>20</u> sks cmt from <u>491</u> ft. to <u>341</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>

Perforate and squeeze at 1750 ft. with 43 sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at 450 ft. with 20 sacks. Leave at least 100 ft. in casing _____ CICR Depth
 Perforate and squeeze at 210 ft. with 87 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. _____ inch casing Plugging Date: 05/17/2016
 *Wireline Contractor: DLD *Cementing Contractor: DUCO
 Type of Cement and Additives Used: _____
 Flowline/Pipeline has been abandoned per Rule 1105 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: MIKE HAYES
 Title: PARTNER Date: 6/2/2016 Email: hayespetro@centurytel.net

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: Bouzek, Jared Date: 2/4/2019

CONDITIONS OF APPROVAL, IF ANY:

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1801527	OPERATIONS SUMMARY
2212907	FORM 6 SUBSEQUENT SUBMITTED
2212908	OTHER
2212909	PROPOSED PLUGGING PROCEDURE
2212910	CEMENT JOB SUMMARY

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Need a readable copy of the DLD wireline ticket. Need documentation of setting the CIBP @ 3217'.	12/04/2018
Permit	Emailed operator to file final Form 7 for June 2016 showing Mancos B as PA. Operator called to find out what was needed. Informed operator what was needed/ 01/30/2016 dhs.	01/13/2017

Total: 2 comment(s)