

Document Number:  
401049193

Date Received:  
05/17/2016

**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: 10110 Contact Name: Ty Woodworth

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (970) 274-9254

Address: 1801 BROADWAY #500 Fax: \_\_\_\_\_

City: DENVER State: CO Zip: 80202 Email: twoodworth@gwogco.com

**For "Intent" 24 hour notice required,** Name: Montoya, John Tel: (970) 397-4124

**COGCC contact:** Email: john.montoya@state.co.us

API Number 05-001-06213-00

Well Name: DIANE Well Number: 1

Location: QtrQtr: SWSW Section: 22 Township: 2S Range: 60W Meridian: 6

County: ADAMS Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: RIMROCK Field Number: 73760

Notice of Intent to Abandon       Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 39.857660 Longitude: -104.091670

GPS Data:  
Date of Measurement: 02/24/2006 PDOP Reading: \_\_\_\_\_ GPS Instrument Operator's Name: BILLY HOLLOWAY

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
J SAND	6380	6390			

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	219	200	219	0	
1ST	7+7/8	4+1/2	11.6	6,450	175	6,450	5,086	CBL
S.C. 1.1	7+7/8	4+1/2	11.6	553	300	553	64	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6330 with 2 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 20 sks cmt from 5636 ft. to 5372 ft. Plug Type: CASING Plug Tagged:   
Set 45 sks cmt from 600 ft. to 0 ft. Plug Type: CASING 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: \_\_\_\_\_

\*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:

This well used to be called the Ford #1. It looks like it was re-entered and recompleted at some point and was then called the Diane #1. At that time a squeeze was done across the Fox Hills and there is good cement from 553 ft up to 64 ft verified by a CBL. There is only a print screen of the Fox Hills base of the induction log in our wellfile - I have attached that. Sorry I dont have a full log.

Proposal:

Set CIBP w/ 2 sx at 6330 ft.

Spot 20 sx blanced plug across Nio top from 5372-5636 ft.

Fill 4-1/2" from 600 ft to surface with 45 sx. Cut 4 ft down and weld on marker plate.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Ty Woodworth  
Title: Prod Eng Lead Date: 5/17/2016 Email: twoodworth@gwogco.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: BURN, DIANA Date: 7/10/2016

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 1/9/2017

<b>COA Type</b>	<b>Description</b>
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For 600' plug: pump plug and displace. If surface casing plug not circulated to surface then tag plug – must be 170' or shallower and provide 10 sx plug at the surface.  3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
401049193	FORM 6 INTENT SUBMITTED
401049210	WELLBORE DIAGRAM
401049213	WELLBORE DIAGRAM
401049214	OTHER

Total Attach: 4 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	Laramie-Fox Hills 4450 4767 141.3 482 165 33.90 NNT Deepest WW 120'	7/10/2016 3:34:43 PM
Permit	Populated sacks of cement on top of bridge plug per wellbore diagram. Permitting task complete.	6/28/2016 12:15:25 PM
Public Room	Document verification complete 05/23/16	5/23/2016 10:45:50 AM

Total: 3 comment(s)