

Document Number:  
400788401

Date Received:  
02/10/2015

**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: 95960 Contact Name: Jerry Clark  
 Name of Operator: WEXPRO COMPANY Phone: (801) 324-2685  
 Address: P O BOX 45003 Fax: (801) 324-2997  
 City: SALT LAKE CITY State: UT Zip: 84145- Email: jerry.clark@questar.com

**For "Intent" 24 hour notice required,** Name: Waldron, Emily Tel: (970) 819-9609  
**COGCC contact:** Email: emily.waldron@state.co.us

API Number 05-081-07013-00 Well Number: 2  
 Well Name: CHAPMAN STATE  
 Location: QtrQtr: SESW Section: 16 Township: 11N Range: 97W Meridian: 6  
 County: MOFFAT Federal, Indian or State Lease Number: 38304  
 Field Name: POWDER WASH Field Number: 69800

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 40.907980 Longitude: -108.298740  
 GPS Data:  
 Date of Measurement: 03/13/2010 PDOP Reading: 3.1 GPS Instrument Operator's Name: Dave Noland  
 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: Has casing leak between 460 ft. and 475 ft. COGCC: Packer fish with tubing stub shown on wellbore diagram; TOF at 6600'.

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
FORT UNION	6472	6796			
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	365	265	365	0	VISU
1ST	7+7/8	5+1/2	17	7,150	225	7,150	6,225	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6824 with 0 sacks cmt on top. CIBP #2: Depth 5350 with 5 sacks cmt on top.  
CIBP #3: Depth 1090 with 5 sacks cmt on top. CIBP #4: Depth 300 with 5 sacks cmt on top.  
CIBP #5: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 15 sks cmt from 6330 ft. to 6430 ft. Plug Type: CASING Plug Tagged:   
Set 20 sks cmt from 2800 ft. to 2930 ft. Plug Type: CASING Plug Tagged:   
Set 7 sks cmt from 0 ft. to 50 ft. Plug Type: CASING Plug Tagged:   
Set 15 sks cmt from 0 ft. to 50 ft. Plug Type: ANNULUS Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at 6472 ft. with 60 sacks. Leave at least 100 ft. in casing 6430 CICR Depth  
Perforate and squeeze at 5450 ft. with 40 sacks. Leave at least 100 ft. in casing 5350 CICR Depth  
Perforate and squeeze at 1190 ft. with 40 sacks. Leave at least 100 ft. in casing 1090 CICR Depth  
(Cast Iron Cement Retainer Depth)

Set 50 sacks half in. half out surface casing from 475 ft. to 300 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:

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

Signed: \_\_\_\_\_ Print Name: Chris Beilby

Title: Completion Manager Date: 2/10/2015 Email: chris.beilby@questar.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: ANDREWS, DAVE Date: 3/9/2015

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: 9/8/2015

<b>COA Type</b>	<b>Description</b>
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete. 3) Change Plug #2 to a squeeze and move the plug up to the Fort Union top to isolate the Fort Union Formation from the overlying Wasatch Formation. Perforate at 5450', set CICR at 5350', squeeze a minimum of 40 sx below the CICR and place a minimum of 5 sx cement above the CICR in the casing. 4) Add a squeeze to protect shallow water resources in the Wasatch Formation: Perforate at 1190', set CICR at 1090', squeeze a minimum of 40 sx below the CICR and place a minimum of 5 sx cement above the CICR in the casing.

### Attachment Check List

<b>Att Doc Num</b>	<b>Name</b>
400788401	FORM 6 INTENT SUBMITTED
400789589	OPERATIONS SUMMARY
400789592	WELLBORE DIAGRAM

Total Attach: 3 Files

### General Comments

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	Step 1 of Operator's procedure refers to digging a pit for cement cleanup. Plugging Pits are considered Special Purpose Pits in COGCC's rules. Special Purpose Pits must be permitted, constructed, operated, and closed in accordance with COGCC's 900 series rule requirements.	3/9/2015 2:18:41 PM
Engineer	Changed Fish in Hole from "No" to "Yes" and added the following comment, "COGCC: Packer fish with tubing stub shown on wellbore diagram; TOF at 6600'." Changed Fort Union isolation method to "None." There are currently no plugs set above the productive interval. Changed First String cement top from 5505' (calculated) to 6225' (CBL), as shown on 12/7/1966 Acoustic Cement Bond Log, COGCC Document No. 918975. Step 11 of operator's procedure (Run CBL to confirm cement top which is believed to be 5505') is not required. CIBP at 6824' is existing (set on 12/11/1966 above abandoned perforations from 6960' to 6972'). For the purpose of this form, CIBP #2, CIBP #3 and CIBP #4 are actually CICRs to be set at 5350', 1090' and 300'. The 55 sx plug "half-in / half-out" of the surface casing will be an attempted squeeze into casing holes at 475' through a planned CICR at 300' (50 sx squeeze and 5 sx on top).	3/9/2015 1:26:28 PM
Permit	Passes Permitting: Operator via telecon verifies casing will not be pulled, points out "post plug" WBD.	2/11/2015 7:42:57 AM
Permit	PENDING: Requested explanation of pulling casing omission in Plugging Procedure and requested post plug WBD.	2/11/2015 7:33:24 AM

Total: 4 comment(s)