

Date Received:  
01/10/2012

Document Number:  
400238995

**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: 66571 Contact Name: Joan Proulx  
 Name of Operator: OXY USA WTP LP Phone: (970) 263.3641  
 Address: P O BOX 27757 Fax: (970) 263.3694  
 City: HOUSTON State: TX Zip: 77227 Email: joan\_proulx@oxy.com

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 COGCC contact: Email: \_\_\_\_\_

API Number 05-045-10856-00 Well Number: 603-23-32  
 Well Name: CASCADE CREEK  
 Location: QtrQtr: NESW Section: 3 Township: 6S Range: 97W Meridian: 6  
 County: GARFIELD Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: GRAND VALLEY Field Number: 31290

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 39.548367 Longitude: -108.210290  
 GPS Data:  
 Date of Measurement: 01/08/2012 PDOP Reading: 6.0 GPS Instrument Operator's Name: David Andrews  
 Reason for Abandonment:  Dry  Production for Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Top of Casing Cement: \_\_\_\_\_  
 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

Total: 0 zone(s)

**Casing History**

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
CONDUCTOR	24	16	65	75	4	75	0	
SURF	12+1/4	9+5/8	36	2,709	1,161	2,709	0	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2600 with \_\_\_\_\_ 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 1545 sks cmt from 6673 ft. to 2600 ft. Plug Type: OPEN HOLE 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 \_\_\_\_\_ 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 35 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: 11/01/2005

\*Wireline Contractor: Weatherford \*Cementing Contractor: Halliburton

Type of Cement and Additives Used: See comments for type of cement used

Flowline/Pipeline has been abandoned per Rule 1103  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

Type of cement [PUMPED BELOW CEMENT RETAINER SET AT 2600]: Lead: 910 sxs 50/50 poz premium + 0.2% versaset = 0.6% halad 322 + 0.1% wg 17 + 0.2% hr 5 + 2 lb/sk phenoseal.  
Tail: 670 sxs light standard = 2% gel + 0.3% halad 322 + 0.3% versaset + 0.6% halad 23 + 0.2% super cbl + 3 lb/sk silicalite + 5 lb/sk gilsonite + 2 lb/sk phenoseal + 0.15% hr5. Saved 35 sxs for 50' surface plug).  
[1545 SXS TOTAL PUMPED BELOW CEMENT RETAINER SET AT 2600' (LEAD PLUS TAIL, LESS 35 SXS RESERVED FOR SURFACE PLUG)]

Due to lack of cement tickets, the following documents are attached:

1. Email dated 10/30/05 which states, "Attached is a proposal for abandoning this well prepared by our Drilling Engineer Les Litzinger." Therefore, the Form 6 dated 11/23/05 should have been marked as a Subsequent Report of Abandonment.
2. Daily Drilling Report: Outlines the P&A work that was completed.
3. Short Report: A brief recap of the Daily Drilling Report which outlines the P&A work that was completed.
4. Halliburton: Copy of Halliburton's Service Tools Job Log, invoice and plug chart

Please note that the original Form 5 dated 11/23/2005 is missing information and contains incorrect information. A corrected Form 5 was submitted 1/10/2012, document #400239148.

TOF at 2811'. BOF at 4048'. Fish consists of bit, mud motor, 16 drill collars, drilling jars, and 3 drill collars (652.95') with 19 jts of 4-1/2" of top joint broken off (594'). Total length 1247'.

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

Signed: \_\_\_\_\_ Print Name: Joan Proulx  
Title: Regulatory Analyst Date: 1/10/2012 Email: joan\_proulx@oxy.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved by ANDREW, DAVID

COGCC Approved: \_\_\_\_\_

Date: 1/13/2012

**CONDITIONS OF APPROVAL, IF ANY:**

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**Attachment Check List**

Att Doc Num	Name
400238995	FORM 6 SUBSEQUENT SUBMITTED
400239007	OPERATIONS SUMMARY
400239008	CEMENT JOB SUMMARY
400239009	PROPOSED PLUGGING PROCEDURE
400239010	OPERATIONS SUMMARY
400239141	WELLBORE DIAGRAM
400239145	WELLBORE DIAGRAM

Total Attach: 7 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	Added Notice of Intent comments, even though this is a Subsequent Report of Abandonment to provide historical context. Deleted operator-submitted "As-Drilled" GPS coordinates, because the measurement date of 11/02/2004 was prior to the surface hole spud on 9/28/2005 and prior to the conductor installation date of 9/24/2005 (confirmed with operator). Substituted calculated GPS data based on planned footages from section lines to approve the form because the well was PA in 2005 prior to the effective date of the GPS rules. Removed Williams Fork as an abandoned zone, because production casing was not run, and there were no completions in this well. Changed sacks of cement for surface casing and added conductor pipe details to match Form 5. Changed plug to "open hole" and adjusted sacks of cement pumped below cement retainer @ 2600' to match daily reports, and edited Operator Technical Detail/Comments (in CAPS) to reflect the same changes (placement of retainer and sacks pumped below retainer).	1/12/2012 3:42:40 PM

Total: 1 comment(s)