



1120 Lincoln Street, Suite 801, Denver Colorado 80203 (303) 894-2100 Fax (303) 894-2109

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**COGCC**

**WELL ABANDONMENT REPORT**

Submit original plus one copy. This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for twelve months after the approval date after that period a new intent will be required. After the plugging is complete, this form and one copy shall again be submitted as a subsequent report of the work as actually completed.

<b>COGCC Operator Number:</b> 66571	Contact Name & Telephone Joan Proulx	<b>24 hour notice required, contact:</b>
Name of Operator: OXY USA WTP LP, Attn: Glenda Jones	No: 970-263-3641	
Address: P O Box 27757	Fax: 970-263-3694	
City: Houston State: TX Zip: 77227-7757	Tel:	

<b>API Numbe</b> 05-045-16016-00	<b>Complete the Attachment Checklist</b>	
Well Name: Cascade Creek Well Number: 697-16-13A	Oper	OGCC
Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSE 9 6S 97W 6 PM	Wellbore Diagram	X
County: Garfield Federal, Indian or State Lease Number: N/A	Cement Job Summary	
Field Name Grand Valley Field Number 31290	Wireline Job Summary	

**Notice of Intent to Abandon**       **Subsequent Report of Abandonment**

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

Latitude: 39.53111 Longitude: -108.22339  
 GPS Data:  
 Date of Measurement: 7/13/2010 PDOP Reading: 1.9 Instrument Operator's Name E. J. Grabowski

Reason for Abandonment:  Dry  Production 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: For economic reasons, Oxy has opted to not complete this well and will file a new permit to drill to the bottom hole from another pad.

**Current and Previously Abandoned Zones**

Formation	Perforations - Top	Perforations - Bottom	Date Abandoned	Method of Isolation (None, Squeezed, BP, Cement, etc.)	Plug Depth

**Casing History**

String	Size of Hole	Size of Casing	Weight per ft	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Conductor	20"	16"	55	84'	Grout	84'	Surface
Surface	14 3/4"	9 5/8"	36	2722'	1143	2722'	Surface

**Plugging Procedure for Intent and Subsequent Report**

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. NOTE: Two (2) sacks cement required on all CIBPs.

Set 122 cu ft sks cmt from 2597 ft. to 2400 ft. in  Casing  Open Hole  Annulus  
 Set 22 cu ft sks cmt from 80 ft. to 5 ft. in  Casing  Open Hole  Annulus  
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in  Casing  Open Hole  Annulus  
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in  Casing  Open Hole  Annulus  
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in  Casing  Open Hole  Annulus

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks Leave at least 100 ft. in casing  
 Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks Leave at least 100 ft. in casing  
 Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks Leave at least 100 ft. in casing

Set \_\_\_\_\_ sacks half in, half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Set \_\_\_\_\_ sacks at surface  
 Cut four feet below ground level, weld on plate Dry-Hole Marker:  Yes  No  
 Set \_\_\_\_\_ sacks in rat hole Set \_\_\_\_\_ sacks in mouse hole

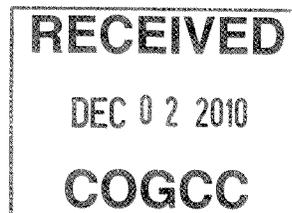
**Additional Plugging Information for Subsequent Report Only**

Casing Recovered: \_\_\_\_\_ ft. of \_\_\_\_\_ in. casing Plugging date: \_\_\_\_\_  
 \*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
 Type of Cement and Additives Used: \_\_\_\_\_  
**\*Attach job summaries.**

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

Print Name: Joan Proulx Email: joan.proulx@oxy.com  
 Signed: Title: Regulatory Analyst Date: 12/01/10  
 OGCC Approved: Title: EIT III Date: DEC 08 2010  
 CONDITIONS OF APPROVAL, IF ANY:

Cascade Creek 697-16-13A  
Abandonment Procedure



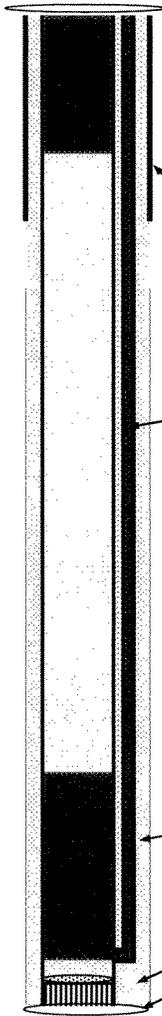
Note: All measurements refer to original RKB of 24' above GL.

1. MIRU Cementing equipment
2. Rig up to pump down 1.9" parasite string and take returns up 9-5/8" casing.
3. Pump 122 cf of cement to fill parasite string from surface to 2597' and 9-5/8" casing from 2597' to 2400'. Close 9-5/8" casing as soon as cement is pumped to avoid u-tubing.
4. Fill casing with 22 cf of cement from 80' (56' below GL) to 5' below ground level.
5. Cut off casings 5' below ground level, weld on metal cap and install surface marker.



**Well Bore Schematic**  
Proposed Abandonment

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Well Name **Cascade Creek 697-16-13A**  
 Diagram Date **30-Nov-10**  
 Surface Location **309' FSL & 2260' FEL, SEC 9 T6S R97W**  
 Btm Hole Loc. **377' N and 68' E of Surface Location**  
 Field **Grand Valley**  
 County **Garfield**  
 State **Colorado**  
 API No. **05-045-16016-00**  
 Lease No.  
 G.L. Elevation **8279'**  
 K.B. Elevation **8303'**

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Conductor	<b>84'</b>	<b>2 Jts of 16", 55# conductor</b>
Cement w/	From Surface	Redimix
Casing	<b>2722'</b>	<b>Jts. of 9-5/8", 36#, 8r, J-55, LT&amp;C</b>
Cement w/	991 sx (2320 cf) 152 sx (315 cf)	<b>With 1.9" parasite string from surface to 2597'</b> Vericem Lead Vericem Tail (Cement circulated to surface)

**Cement Abandonment Plugs**

Pump 122 cf of cement down parasite string to fill parasite string from surface to 2597' and 9-5/8" casing from 2400' to 2597'.

Fill 9-5/8" casing from 29' to 80' with 22 cf cement.

1.9" parasite string from surface to 2597'

FLOAT COL. **2678'**  
 SHOE **2722'**  
 TD **2750'**