

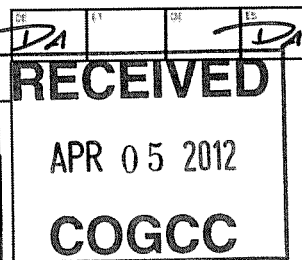


02055462

State of Colorado

Oil and Gas Conservation Commission

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



## SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

1. OGCC Operator Number: 66571	4. Contact Name: Joan Proulx	Complete the Attachment Checklist OP OGCC
2. Name of Operator: OXY USA WTP LP, Attn: Glenda Jones	Phone: 970-263-3641	
3. Address: P.O. Box 27757	Fax: 970-263-3694	
City: Houston State: TX Zip: 77227-7757		
5. API Number: 05-045-06871-00	OGCC Facility ID Number:	Survey Plat
6. Well/Facility Name: Cascade Creek	7. Well/Facility Number: 604-1	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SWSW 4 6S 97W 6 PM		Surface Eqpm Diagram
9. County: Garfield	10. Field Name: Grand Valley	Technical Info Page X
11. Federal, Indian or State Lease Number: N/A		Other Procedure X

## General Notice

<input type="checkbox"/> <b>CHANGE OF LOCATION:</b> Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)	
Change of Surface Footage from Exterior Section Lines:	<input type="checkbox"/> FNU/FSL <input type="checkbox"/> FEL/FWL
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/> attach directional survey
Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer	
Latitude	Distance to nearest property line
Longitude	Distance to nearest bldg, public rd, utility or RR
Ground Elevation	Distance to nearest lease line
	Is location in a High Density Area (rule 603b)? Yes/No
	Distance to nearest well same formation
	Surface owner consultation date:
<b>GPS DATA:</b>	
Date of Measurement	PDOP Reading
	Instrument Operator's Name
<input type="checkbox"/> <b>CHANGE SPACING UNIT</b>	<input type="checkbox"/> <b>Remove from surface bond</b>
Formation	Signed surface use agreement attached
Formation Code	
Spacing order number	
Unit Acreage	
Unit configuration	
<input type="checkbox"/> <b>CHANGE OF OPERATOR (prior to drilling):</b>	<input type="checkbox"/> <b>CHANGE WELL NAME</b>
Effective Date:	From:
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	To:
	Effective Date:
<input type="checkbox"/> <b>ABANDONED LOCATION:</b>	<input type="checkbox"/> <b>NOTICE OF CONTINUED SHUT IN STATUS</b>
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date well shut in or temporarily abandoned:
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No
Date Ready for inspection:	MIT required if shut in longer than two years. Date of last MIT
<input type="checkbox"/> <b>SPUD DATE:</b>	<input type="checkbox"/> <b>REQUEST FOR CONFIDENTIAL STATUS</b> (6 mos from date casing set)
<input type="checkbox"/> <b>SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK</b> *submit cbl and cement job summaries	
Method used	Cementing tool setting/perf depth
Cement volume	Cement top
Cement bottom	Date
<input type="checkbox"/> <b>RECLAMATION:</b> Attach technical page describing final reclamation procedures per Rule 1004.	
Final reclamation will commence on approximately	
<input type="checkbox"/> Final reclamation is completed and site is ready for inspection.	

## Technical Engineering/Environmental Notice

<input checked="" type="checkbox"/> <b>Notice of Intent</b>	<input type="checkbox"/> <b>Report of Work Done</b>	
Approximate Start Date: 4-6-2012	Date Work Completed:	
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)		
<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input checked="" type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: Remedial Cement Work	for Spills and Releases

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

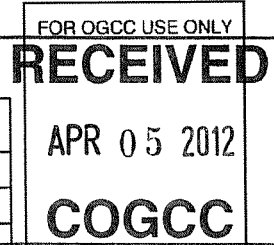
Signed: Date: 4/5/2012 Email: joan\_proulx@oxy.com  
Print Name: Chris Clark Title: Regulatory Lead - Piceance

COGCC Approved: Title: PE II Date: 4/6/2012

CONDITIONS OF APPROVAL, IF ANY:

1) Run a cement bond log (CBL) from 5030' to 4500' to verify remedial cement squeeze coverage. 2) Submit a Sundry Notice within 30 days of completing the work to document the remedial work. Attach cement tickets, the temperature survey, and the CBL to the Sundry Notice.

# TECHNICAL INFORMATION PAGE



1. OGCC Operator Number: 66571 API Number: 05-045-06871-00  
 2. Name of Operator: OXY USA WTP LP OGCC Facility ID #  
 3. Well/Facility Name: Cascade Creek Well/Facility Number: 604-1  
 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSW 4 6S 97W 6 PM

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

## 5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

OXY USA WTP LP is requesting approval to perform a remedial cement job on the 604-1 well to squeeze off a leak in the casing in preparation for a salt water disposal injection test.

### Procedure

1. Prepare surface location for completion operations. Set and pull test anchors for workover rig as per API RP4G.
2. Install and test "B" section (tubing spool) of wellhead with four 2-1/16" 5M wing valves.
3. MIRU workover rig with power swivel.
4. Install and test 5M BOPE and rotating head.
5. POOH with tubing.
6. RIH with 4-1/2" bit, scraper and drill collars on 2-3/8" work string to top perf @ 8080'. POOH
7. MIRU WL.
8. Set CIBP @ 7000'. POOH. Dump bail 2 sks of cement on top of CIBP.

### Cement squeeze procedure to cement from 5010' to 4600'

9. RU lubricator and test to 3,000 psi. RIH with 3-1/8" expendable scalloped HSC perforating guns w/ 3 SPF, 120 deg phasing, using Owen 3-1/8", 21 gram SDP Hero NT4 charges. Correlate CCL w/RMWS CBL log dated 3/2/2012. Set composite bridge plug @ 5,030'.
10. Shoot 1' of circulation perms at 5010'. POOH w/ WL.
11. Open surface casing valve and attempt to circulate up to surface. Notify engineer if circulation is established or returns are taken at surface.
12. RIH w/ WL set cement retainer. Set at 4810' (200' above squeeze holes). POOH w/ WL.
13. RIH w/ 2-3/8" workstring. Sting into retainer. Pull up into test mode and pressure test tubing. Establish injection into squeeze perms. Record rates and pressures.  
**Note:** Do not exceed 1000 psi or 2 bbl per min while circulating.
14. Pump the following schedule for cement squeeze. (@ 2 BPM) Be sure to catch surface sample for observation. (Design for 9.5" hole & 5 1/2" csg):  
 15 bbls fresh water spacer  
 10 bbls of Super Flush  
 140 sks / 38 bbls of squeeze slurry (Detail provided at end of prog)  
 19 bbl fresh water flush  
**Note:** Tubing volume at 4810' is 19 bbls. Once slurry is below retainer begin hesitation squeeze. Hesitate squeeze at 0.5 bbl increments every 45 minutes until 1500 psi squeeze pressure is achieved.
15. After satisfactory squeeze, POOH.
16. Sting out of retainer. Pull up to 4550' & reverse circulate 2 tubing volumes.  
**Note: Be sure to fill hole while POOH w/tbg**
17. POOH with tbg.
18. Run WL down tubing and run temperature log.  
**Note: Need to run temperature log within 24 hours after cement job**
19. Discuss temperature log results with engineer.
20. RD WL.
21. POOH. WOC at least 48 hrs.
22. RIH with 3-7/8" bit and drill collars on 2-3/8" work string.
23. Drill out retainer at 4810'. Clean out well down to bridge plug at 5030'.
24. Fill casing and bradenhead to surface.
25. Pressure test casing to 4500 psi against pipe rams.  
**Note: Be sure to stage up to 4500 psi slowly or in 1000 psi increments**
26. Drill out to 6950' (top of CIBP + 2 sks cement ~ 6950').
27. POOH. LD BHA.
28. PU posi-scraper set to drift for 5-1/2" 17 # casing. RIH scraping casing down to above CIBP at 6950'.  
 Note any tight spots.  
**Note: Casing must be drifted in order to run frac plugs**
29. POOH. LD workstring.