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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.)

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COGCC/Rifle Office

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 City: Houston State: TX Zip: 77227-7757	Fax: 970-263-3694	
5. API Number: 05-045-13180-00	OGCC Facility ID Number:	Survey Plat
6. Well/Facility Name: Cascade Creek	7. Well/Facility Number: 697-16-32	Directional Survey
8. Location (Qtr/Sec, Twp, Rng, Meridian): NENE 16 6S 97W 6 PM		Surface Equip Diagram
9. County: Garfield	10. Field Name: Grand Valley	Technical Info Page
11. Federal, Indian or State Lease Number: N/A		Other

General Notice

<input type="checkbox"/> CHANGE OF LOCATION: 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"/> FNL/FSL <input type="checkbox"/> FEL/FWL
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> attach directional survey
Bottomhole location 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:
GPS DATA: Date of Measurement PDOP Reading Instrument Operator's Name	
<input type="checkbox"/> CHANGE SPACING UNIT Formation Formation Code Spacing order number Unit Acreage Unit configuration	
<input type="checkbox"/> Remove from surface bond Signed surface use agreement attached	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling): Effective Date: Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	<input type="checkbox"/> CHANGE WELL NAME From: NUMBER To: Effective Date:
<input type="checkbox"/> ABANDONED LOCATION: Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No Date Ready for inspection:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS Date well shut in or temporarily abandoned: Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No MIT required if shut in longer than two years. Date of last MIT
<input type="checkbox"/> SPUD DATE:	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)
<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK Method used Cementing tool setting/perf depth Cement volume Cement top Cement bottom Date	
<input type="checkbox"/> RECLAMATION: 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"/> Notice of Intent Approximate Start Date: 11/14/2011	<input type="checkbox"/> Report of Work Done 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: Remediate Cement/Payadd Procedure	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: Joan Proulx Date: 11/8/2011 Email: joan_proulx@oxy.com
Print Name: Joan Proulx Title: Regulatory AnalystCOGCC Approved: [Signature] Title: NWA Engineer Date: 11/8/11
CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

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COGCC/Rifle Office

1. OGCC Operator Number: 66571 API Number: 05-045-13180-00
2. Name of Operator: OXY USA WTP LP OGCC Facility ID #
3. Well/Facility Name: Cascade Creek Well/Facility Number: 697-16-32
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NENE 16 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 is seeking approval to remediate the cement and to squeeze the existing holes in preparation for payadd frac operations on the 697-16-32 well.

Proposed 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 3-7/8" bit, scraper and drill collars on 2-3/8" work string. Clean out fill to PBTD @ 8789'. POOH
7. MIRU WL. RIH with composite bridgeplug and set at 7730' (over old set of perfs). POOH w/WL.
8. Pressure test casing to 5000 psi against pipe rams.

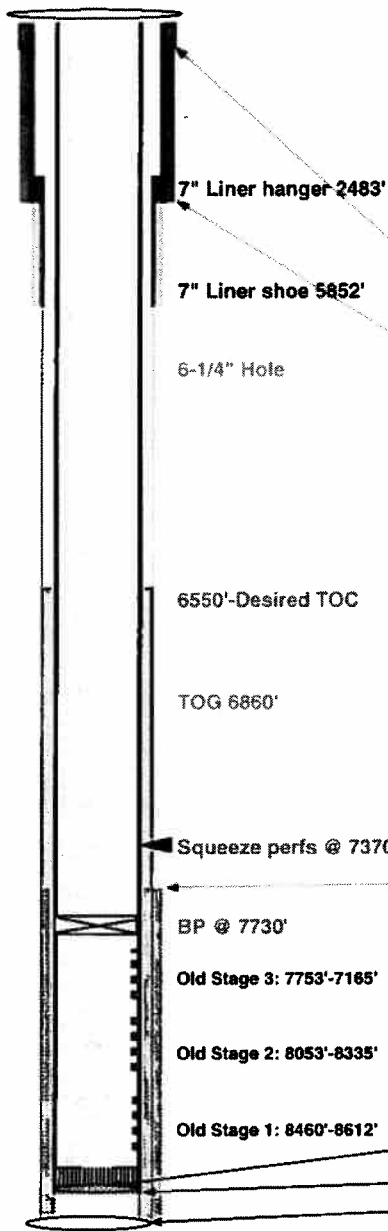
Cement squeeze procedure to cement from 7370' to 6550'

9. MIRU WL.
 10. 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/Weatherford CBL dated 04/14/2008.
 11. Shoot 1' of circulation perfs at 7370'. POOH w/ WL.
 12. Open surface casing valve and attempt to circulate up to surface. Notify engineer if circulation is established or returns are taken at surface.
 13. RIH w/ WL set cement retainer. Set at 7170' (200' above squeeze holes). POOH w/ WL.
 14. RIH w/ 2-3/8" workstring. Sting into retainer. Pull up into test mode and pressure test tubing. Establish injection into squeeze perfs. Record rates and pressures.
- Note: Do not exceed 1000 psi or 2 bbl per min while circulating.
15. Pump the following schedule for cement squeeze (@ 2BPM). Be sure to catch surface sample for observation. Designed for 4.5" csg & 7" hole
 - :40 bbls fresh water spacer
 - :127 sks / 40 bbls 15.8 ppg squeeze slurry (Detail provided at end of prog)
 - :28 bbl fresh water flush
- Note:** Tubing volume at 7170' is 28 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.
16. After satisfactory squeeze, POOH, WOC at least 48 hrs.
 17. Sting out of retainer. Pull up to 6900' & reverse circulate 2 tubing volumes.
 18. POOH to 6000'.
 19. Run WL down tubing and run temperature log. Need to check WL entry
- Note: need to run temperature log within 24 hours after cement job
20. Discuss temperature log results with engineer.
 21. RD WL.
 22. POOH. WOC at least 48 hrs.
 23. RIH with 3-7/8" bit and drill collars on 2-3/8" work string.
 24. Drill out retainer at 7170' and clean out well down to frac plug @ 7730'. (Leave frac plug in the wellbore).
 25. POOH. LD BHA.
 26. Pressure test casing to 5000 psi.
 27. PU posi-scraper set to drift for 4-1/2" 11.6 # casing. RIH scraping casing down to bridge plug at 7730'.
- Note any tight spots.
28. POOH. LD workstring.
 29. RDMO workover rig.
 30. MIRU Schlumberger and run cased hole CBL log.
 31. RDMO e-line unit.
 32. Clean location and report in OpenWells.
 33. Prepare well for frac ops.

OXY Mid-Continent
Well Bore Schematic

No scale

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Well Name **Cascade Creek 697-16-32**
 Diagram Date **08-Nov-11**
 Surface Location **NWNW SEC 16 T6S R97W**
 GPS Coordinates
 Btm Hole Loc.
 Field **Grand Valley**
 County **Garfield**
 State **Colorado**
 API No. **504513180000**
 Lease No.
 G.L. Elevation **8269'**
 K.B. Elevation **8293'**
 Conductor **120'** **16"**
 Cement w/ **Redi-Mix**
 Casing **2598'** **9-5/8", 36#, 8r, K-55, LTC**
 Cement w/

Casing **4.5 " 11.60# N80 BT&C**

Current TOC @ 7414'

Marker Joint Tops

PBTD **8789'**
 FLOAT COL. **8789'**
 SHOE **8839'**
 TD **8840'**
 Tubing Head
 Casing Head
 Casing Hanger