



## 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: Joan Proulx	Joan Proulx	
3. Address: 760 Horizon Drive, Suite 101	Phone: 970-263-3641	
City: Grand Junction State: CO Zip 81506	Fax: 970-263-3694	
5. API Number 05-045-11960-00	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: Cascade Creek	7. Well/Facility Number 797-05-14DA	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SENW 5 7S 97W 6 PM		Surface Eqpm 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"/> <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"/> FNL/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"/>
Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer	attach directional survey
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 Formation Code Spacing order number Unit Acreage Unit configuration	Signed surface use agreement attached
<input type="checkbox"/> <b>CHANGE OF OPERATOR (prior to drilling):</b>	<input type="checkbox"/> <b>CHANGE WELL NAME</b> NUMBER
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 type="checkbox"/> <b>Notice of Intent</b>	<input checked="" type="checkbox"/> <b>Report of Work Done</b>
Approximate Start Date:	Date Work Completed: 2/15/2013
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"/> Change Drilling Plans	<input type="checkbox"/> Repair Well
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: H2S Reporting
	<input type="checkbox"/> E&P Waste Disposal
	<input type="checkbox"/> Beneficial Reuse of E&P Waste
	<input type="checkbox"/> Status Update/Change of Remediation Plans 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: 3/21/2013 Email: joan\_proulx@oxy.com  
Print Name: Joan Proulx Title: Regulatory Analyst

COGCC Approved: David And Title: PE II Date: 4/24/2013

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

RECEIVED

MAR 21 2013

COGCC

1. OGCC Operator Number: 66571 API Number: 05-045-11960-00  
2. Name of Operator: OXY USA WTP LP OGCC Facility ID #                       
3. Well/Facility Name: Cascade Creek Well/Facility Number: 797-05-14DA  
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SENW 5 7S 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

In accordance with the COGCC NTO dated April 13, 2012, "Reporting Hydrogen Sulfide (H<sub>2</sub>S)", please note:

1. Well name: Cascade Creek 797-05-14DA
2. API number: 05-045-11960-00
3. H<sub>2</sub>S concentration: 2.6 ppm
4. Date sample collected: 2/15/2013
5. Type of measurement or analysis: Gas analysis
6. Description of sample point: Sample obtained at meter
7. Absolute Open Flow Potential: 119.00 MCFPD
8. The flow is not open to the atmosphere and the potential for an atmospheric release is negligible.
9. Distance to nearest residence or public use area: ~~4.31 miles west (S34 6S 98W)~~ 3.9 miles WSW D.A.
10. Distance to nearest public use road: ~~4.21 miles~~ 0.7 miles S (Cann Creek Road) (S10, 7S, 98W)

Attached is a copy of the original analysis from Empact with a sample date of 2/15/2013 and an analysis date of 2/20/2013.



PROJECT NO: 201302099  
COMPANY NAME: OCCIDENTAL OIL & GAS  
NAME/DESCRIP: 797-05-14DA  
COMMENTS: 1L TEDLAR BAG

SAMPLE NO: 01  
ANALYSIS DATE: FEBRUARY 20, 2013  
SAMPLE DATE: FEBRUARY 15, 2013  
SAMPLED BY:

TEST PROCEDURE / METHOD: SULFUR BY GAS CHROMATOGRAPH SCD350 \*

<u>COMPONENT</u>	<u>SULFUR</u> <u>ppm mole (ul/L)</u>
Hydrogen Sulfide (H <sub>2</sub> S)	2.6
Carbonyl Sulfide (COS)/Sulfur Dioxide (SO <sub>2</sub> )	BDL
Methanethiol (MeSH)	BDL
Ethanethiol (EtSH)	BDL
Dimethylsulfide (DMS)	BDL
Carbon Disulfide (CS <sub>2</sub> )	BDL
i-Propanethiol (i-PrSH)	BDL
t-Butanethiol (t-BuSH)	BDL
n-Propanethiol (n-PrSH)	BDL
Methylethylsulfide (MES)	BDL
s-Butanethiol (s-BuSH)	BDL
i-Butanethiol (i-BuSH)	BDL
Thiophene (TP)	BDL
Diethylsulfide (DES)	BDL
n-Butanethiol (n-BuSH)	BDL
Dimethyldisulfide (DMDS)	BDL
Methylthiophenes (MTP)	BDL
2-Ethylthiophene (2-ETP)	BDL
Methylethyldisulfide (MEDS)	BDL
Dimethylthiophene (DMTP)	BDL
Unidentified Sulfurs	BDL
Diethyldisulfide (DEDS)	BDL
Benzothiophene (BzTP)	BDL
Methylbenzothiophenes (MBzTP)	BDL
Unidentified Sulfurs	BDL
Dimethylbenzothiophenes (DMBzTP)	BDL
Unidentified Sulfurs	BDL
TOTAL SULFUR	<u>2.6</u>

\* ASTM D5504

\*\* DETECTION LIMIT DETERMINED TO BE 0.1 ppm (ul/L) Sulfur - BDL (BELOW DETECTION LIMIT)

THE DATA PRESENTED HEREIN HAS BEEN ACQUIRED THROUGH JUDICIOUS APPLICATION OF CURRENT STATE-OF-THE ART ANALYTICAL TECHNIQUES. THE APPLICATIONS OF THIS INFORMATION IS THE RESPONSIBILITY OF THE USER. EMPACT ANALYTICAL SYSTEMS, INC. ASSUMES NO RESPONSIBILITY FOR ACCURACY OF THE REPORTED INFORMATION NOR ANY CONSEQUENCES OF ITS APPLICATION.

EMPACT Analytical Systems, Inc. 365 South Main St. Brighton, CO. 80601 (303) 637-0150