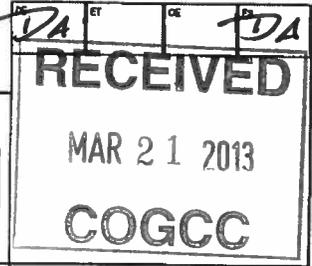




02055769

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
2. Name of Operator: OXY USA WTP LP, Attn: Joan Proulx
3. Address: 760 Horizon Drive, Suite 101
4. Contact Name: Joan Proulx
5. API Number: 05-045-11770-00
6. Well/Facility Name: Cascade Creek
7. Well/Facility Number: 697-32-18D
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): Lot 4 S32 6S 97W 6 PM
9. County: Garfield
10. Field Name: Grand Valley
11. Federal Indian or State Lease Number: N/A

Complete the Attachment Checklist
OP OGCC

General Notice

CHANGE OF LOCATION: Attach New Survey Plat
CHANGE SPACING UNIT
CHANGE OF OPERATOR (prior to drilling):
CHANGE WELL NAME
ABANDONED LOCATION:
NOTICE OF CONTINUED SHUT IN STATUS
SPUD DATE:
REQUEST FOR CONFIDENTIAL STATUS
SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK
RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.

Technical Engineering/Environmental Notice

Notice of Intent
Report of Work Done
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)
Intent to Recomplete (submit form 2)
Request to Vent or Flare
E&P Waste Disposal
Change Drilling Plans
Repair Well
Beneficial Reuse of E&P Waste
Gross Interval Changed?
Rule 502 variance requested
Status Update/Change of Remediation Plans
Casing/Cementing Program Change
Other: H2S Reporting 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: [Signature] Date: 3/20/2013 Email: joan.proulx@oxy.com
Print Name: Joan Proulx Title: Regulatory Analyst

COGCC Approved: [Signature] Title PE II Date: 4/25/2013

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY  
**RECEIVED**  
MAR 21 2013  
**COGCC**

1. OGCC Operator Number: 66571 API Number: 05-045-11770-00  
 2. Name of Operator: OXY USA WTP LP OGCC Facility ID # \_\_\_\_\_  
 3. Well/Facility Name: Cascade Creek Well/Facility Number: 697-32-18D  
 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): Lot 4 S32 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

In accordance with the COGCC NTO dated April 13, 2012, "Reporting Hydrogen Sulfide (H2S)", please note:

1. Well name: Cascade Creek 697-32-18D
2. API number: 05-045-11770-00
3. H2S concentration: 53.9 ppm
4. Date sample collected: 2/28/2013
5. Type of measurement or analysis: Gas analysis
6. Description of sample point: Sample obtained at meter
7. Absolute Open Flow Potential: 96.39 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: ~~2.85 miles west (S34 6S 98W)~~ 3.8 miles WSW
10. Distance to nearest public use road: ~~2.74 miles~~  
1.3 miles S Conn Creek Road (SWNE 10-7S-98W)

DA

Attached is a copy of the original analysis from Empact with a sample date of 2/28/2013 and an analysis date of 3/7/2013.

Also attached is a subsequent analysis performed by Core Lab, which indicates an H2S reading for this well of 31.5 ppm analyzed on 3/11/2013.



RECEIVED  
MAR 21 2013  
COGCC

PROJECT NO: 201303039  
COMPANY NAME: OCCIDENTAL OIL & GAS  
NAME/DESCRIP: 632-32-18D  
COMMENTS: 697-  
1L TEDLAR BAG

SAMPLE NO: 02  
ANALYSIS DATE: MARCH 7, 2013  
SAMPLE DATE: FEBRUARY 28, 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 (H2S)	53.9
Carbonyl Sulfide (COS)/Sulfur Dioxide (SO2)	BDL
Methanethiol (MeSH)	0.2
Ethanethiol (EtSH)	BDL
Dimethylsulfide (DMS)	BDL
Carbon Disulfide (CS2)	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
Methylethylsulfide (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
<b>TOTAL SULFUR</b>	<u>54.1</u>

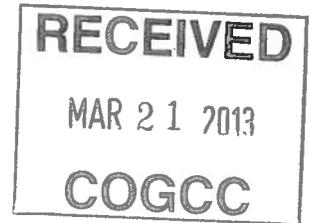
\* ASTM D5504

\*\* 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 IT'S APPLICATION

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

**Sulfur Speciation of Gas**  
RFS ID No. 40231-01  
Sample date: February 28, 2013  
Sample ID: 632-32-18D  
697



Test	Result	Units	Method	Date Analyzed
<b>Sulfur Speciation - Gas</b>				
Hydrogen Sulfide	31.5	ppm v/v	ASTM 6228	03/11/2013
Carbonyl Sulfide	2.8	ppm v/v	using PFPD	
Methyl Mercaptan	<2	ppm v/v		
Ethyl Mercaptan	<2	ppm v/v		
Dimethyl Sulfide	<2	ppm v/v		
Carbon Disulfide	<2	ppm v/v		
Unknown Sulfur Species*	<2	ppm v/v		

\*Estimated using single sulfur atom calibration