



02055758

Oil and Gas Conservation Commission

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



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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.)

RECEIVED

FEB 27 2013

OGCC

Complete the Attachment Checklist

OP OGCC

1. OGCC Operator Number: 66571	4. Contact Name: Joan Proulx		
2. Name of Operator: OXY USA WTP LP, Attn: Karen Summers	Phone: 970-263-3641		
3. Address: P.O. Box 27757	Fax: 970-263-3694		
City: Houston State: TX Zip 77227-7757			
5. API Number 05-045-10509-00	OGCC Facility ID Number	Survey Plat	
6. Well/Facility Name: Cascade Creek	7. Well/Facility Number 797-05-36	Directional Survey	
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): NESW 1/4 5 7S 97W 6 PM		Surface Eqmpt Diagram	
9. County: Garfield	10. Field Name: Grand Valley	Technical Info Page	X
11. Federal, Indian or State Lease Number: N/A		Other Lab Analysis	X

General Notice

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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer _____ attach directional survey

Latitude _____ Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR _____
Longitude _____ Distance to nearest lease line _____ Is location in a High Density Area (rule 603b)? Yes/No
Ground Elevation _____ Distance to nearest well same formation _____ Surface owner consultation date: _____

GPS DATA:
Date of Measurement _____ PDOP Reading _____ Instrument Operator's Name _____

CHANGE SPACING UNIT

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration

Remove from surface bond
Signed surface use agreement attached

CHANGE OF OPERATOR (prior to drilling):
Effective Date: _____
Plugging Bond: Blanket Individual

CHANGE WELL NAME NUMBER
From: _____
To: _____
Effective Date: _____

ABANDONED LOCATION:
Was location ever built? Yes No
Is site ready for inspection? Yes No
Date Ready for Inspection: _____

NOTICE OF CONTINUED SHUT IN STATUS
Date well shut in or temporarily abandoned: _____
Has Production Equipment been removed from site? Yes No
MIT required if shut in longer than two years. Date of last MIT _____

SPUD DATE: _____

REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK *submit cbl and cement job summaries

Method used	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom	Date

RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004
Final reclamation will commence on approximately _____ Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

Notice of Intent Report of Work Done
Approximate Start Date: _____ Date Work Completed: 1/9/2013

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"/> 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 type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> 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: Joan Proulx Date: 2/27/2013 Email: joan_proulx@oxy.com
Print Name: Joan Proulx Title: Regulatory Analyst

OGCC Approved: David Ford Title: PE II Date: 4/23/2013

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

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COGCC

1. OGCC Operator Number: 66571 API Number: 05-045-10509-00
2. Name of Operator: OXY USA WTP LP OGCC Facility ID # _____
3. Well/Facility Name: Cascade Creek Well/Facility Number: 797-05-36
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NESW NE8E 5 7S 97W 6 PM

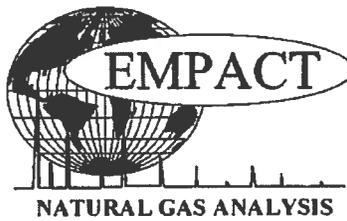
DA

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 797-05-36
2. API number: 05-045-10509-00
3. H2S concentration: 39.7 ppm
4. Date sample collected: 1/9/2013
5. Type of measurement or analysis: Gas analysis
6. Description of sample point: Sample obtained at meter
7. Absolute Open Flow Potential: 12 MCFPD
8. The flow is not open to the atmosphere and the potential for an atmospheric release is negligible.
9. Distance to nearest residence of public use area: approximately 3.8 miles WSW
10. Distance to nearest public use road: 2,521'



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PROJECT NO. : 201301066	ANALYSIS NO. : 01
COMPANY NAME : OCCIDENTAL OIL & GAS	ANALYSIS DATE: JANUARY 14, 2013
ACCOUNT NO. :	SAMPLE DATE : JANUARY 9, 2013
PRODUCER : CASCADE	TO:
LEASE NO. :	CYLINDER NO. : S080
NAME/DESCRIP : 797-05-36 PAD <i>Well</i>	

FIELD DATA

SAMPLED BY : TIFFANI MONTOYA	SAMPLE TEMP. : 29.2
SAMPLE PRES. : 100PSI	AMBIENT TEMP.:
COMMENTS : SPOT: PROBE	

COMPONENTS	NORM. MOLE%	GPM @ 14.65	GPM @ 14.73
HELIUM	0.00	-	-
HYDROGEN	0.00	-	-
OXYGEN/ARGON	0.01	-	-
NITROGEN	0.15	-	-
CO2	1.69	-	-
METHANE	88.00	-	-
ETHANE	6.46	1.718	1.727
PROPANE	2.16	0.592	0.595
ISOBUTANE	0.47	0.153	0.154
N-BUTANE	0.48	0.150	0.151
ISOPENTANE	0.19	0.069	0.069
N-PENTANE	0.14	0.050	0.051
HEXANES+	0.25	0.108	0.108
TOTAL	100.00	2.840	2.855

BTU @ 60 DEG F	14.65	14.73
GROSS DRY REAL =	1114.0	1120.1
GROSS SATURATED REAL =	1094.5	1100.6

RELATIVE DENSITY (AIR=1 @ 14.696 PSIA 60F) : 0.6514
 COMPRESSIBILITY FACTOR : 0.99725

NOTE: REFERENCE GPA 2261(ASTM D1945 & ASME-PTC), 2145, & 2172 CURRENT PUBLICATIONS



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PROJECT NO: 201301066
 COMPANY NAME: OCCIDENTAL OIL & GAS
 NAME/DESCRIP: 797-05-36 PAD
 CASCAD
 COMMENTS: SPOT; PROBE
 CYLINDER S080

SAMPLE NO: 01
 ANALYSIS DATE: JANUARY 15, 2013
 SAMPLE DATE: JANUARY 9, 2013
 SAMPLED BY: TIFFANI MONTOYA

TEST PROCEDURE / METHOD: SULFUR BY GAS CHROMATOGRAPH SCD350 *

<u>COMPONENT</u>	<u>SULFUR</u> <u>ppm mole (u/L)</u>
Hydrogen Sulfide (H2S)	39.7
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
Methylethylidysulfide (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>40.0</u>

* ASTM D6504

** DETECTION LIMIT DETERMINED TO BE 0.1 ppm (u/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.