FORM 4 Rev 12/05

Page 1

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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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MAR 21 2013

COGCC

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
   City: Grand Junction State: CO Zip 81506
4. Contact Name: Joan Proulx
   Phone: 970-263-3641
   Fax: 970-263-3694
5. API Number 05-045-11686-00 OGCC Facility ID Number
6. Well/Facility Name: Cascade Creek 7. Well/Facility Number 697-20-43D
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE 20 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
Survey Plat		
Directional Survey		
Surface Eqpmt Diagram		
Technical Info Page	X	
Other	X	

General Notice

☐ **CHANGE OF LOCATION:** **Attach New Survey Plat** (a change of surface qtr/qtr is substantive and requires a new permit)

	FNL/FSL		FEL/FWL	
Change of **Surface** Footage from Exterior Section Lines:				
Change of **Surface** Footage to Exterior Section Lines:				
Change of **Bottomhole** Footage from Exterior Section Lines:				
Change of **Bottomhole** Footage to Exterior Section Lines:				

attach directional survey

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer

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 Approximate Start Date:

☒ Report of Work Done Date Work Completed: 2/28/2013

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: Date: 3/20/2013 Email: joan_proulx@oxy.com

Print Name: Joan Proulx Title: Regulatory Analyst

COGCC Approved: David Andrews Title PE II Date: 4/25/2013

CONDITIONS OF APPROVAL, IF ANY:

FORM 4 Rev 12/05

TECHNICAL INFORMATION PAGE

FOR OGCC USE ONLY

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COGCC

1. OGCC Operator Number: 66571 API Number: 05-045-11686-00
2. Name of Operator: OXY USA WTP LP OGCC Facility ID #
3. Well/Facility Name: Cascade Creek Well/Facility Number: 697-20-43D
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE 20 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.

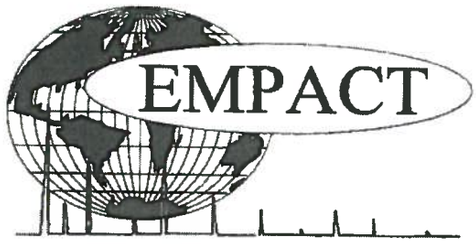
5. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS**

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

1. Well name: Cascade Creek 697-20-43D
2. API number: 05-045-11686-00
3. H2S concentration: 3.4 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: 129.71 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: ~~4.44 miles west (S34 6S 98W)~~ 2.9 miles ENE
10. Distance to nearest public use road: ~~5.09 miles~~ 2.7 miles Conn Creek Road (NESW 14-6S-97W)

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 4.9 ppm analyzed on 3/11/2013.



PROJECT NO: 201303039
COMPANY NAME: OCCIDENTAL OIL & GAS
NAME/DESCRIP: 697-20-43D

COMMENTS: 1L TEDLAR BAG

SAMPLE NO: 04
ANALYSIS DATE: MARCH 7, 2013
SAMPLE DATE: FEBRUARY 28, 2013
SAMPLED BY:

TEST PROCEDURE / METHOD: SULFUR BY GAS CHROMATOGRAPH SCD350 *

COMPONENT	SULFUR ppm mole (ul/L)
Hydrogen Sulfide (H2S)	3.4
Carbonyl Sulfide (COS)/Sulfur Dioxide (SO2)	BDL
Methanethiol (MeSH)	BDL
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
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	3.4

* ASTM D5504

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

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

Sulfur Speciation of Gas

RFS ID No. 40231-03
Sample date: February 28, 2013
Sample ID: 697-20-43D

Test	Result	Units	Method	Date Analyzed
Sulfur Speciation - Gas				
Hydrogen Sulfide	4.9	ppm v/v	ASTM 6228	03/11/2013
Carbonyl Sulfide	<0.50	ppm v/v	using PFPD	
Methyl Mercaptan	<0.50	ppm v/v		
Ethyl Mercaptan	<0.50	ppm v/v		
Dimethyl Sulfide	<0.50	ppm v/v		
Carbon Disulfide	<0.50	ppm v/v		
Unknown Sulfur Species*	<0.50	ppm v/v		

*Estimated using single sulfur atom calibration