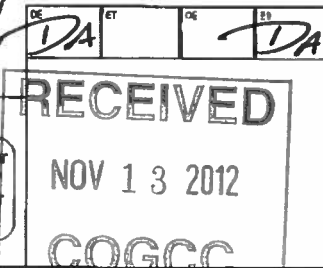




02055703

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: 66561	4. Contact Name: Joan Proulx	Complete the Attachment Checklist OP OGCC
2. Name of Operator: OXY USA Inc., Attn: Karen Summers	Phone: 970-263-3641	
3. Address: P.O. Box 27757 City: Houston State: TX Zip 77227-7757	Fax: 970-263-3694	
5. API Number 05-077-08898-00	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: Hells Gulch Federal	7. Well/Facility Number 26-4	Directional Survey
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): SENW 26 8S 92W 6 PM		Surface Eqpm Diagram
9. County: Mesa	10. Field Name: Alkali Creek	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"/>	FNUFSL <input type="checkbox"/>	<input type="checkbox"/>	FEUFWL <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 cbi 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: 10/11/2012

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 for Spills and Releases
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: H2S Reporting	

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: 11/13/2012 Email: joan_proulx@oxy.com
 Print Name: Joan Proulx Title: Regulatory Analyst

COGCC Approved: David Ford Title PE II Date: 1/2/2013

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY
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1. OGCC Operator Number: <u>66561</u>	API Number: <u>05-077-08898</u>
2. Name of Operator: <u>OXY USA Inc.</u>	OGCC Facility ID # _____
3. Well/Facility Name: <u>Hells Gulch Federal</u>	Well/Facility Number: <u>26-4</u>
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): _____	<u>SENW 26 8S 92W 6 PM</u>

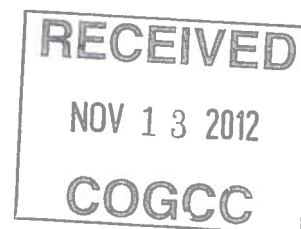
This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

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

DA

H2S concentration: ^{0.2}~~0.1~~ ppm
Sample date: 10/11/2012
Analysis date: ~~10/25/2012~~ 10/19/2012
Type of measurement: Gas analysis
Description of sample point: Sample obtained at meter.
Absolute Open Flow Potential: 92 MCFPD
The flow is not open to the atmosphere and the potential for an atmospheric release is negligible.
Distance to nearest residence: ~~17.9 miles~~ 2.06 miles
Distance to nearest road: .46 miles



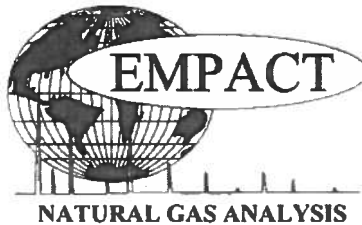
PROJECT NO: 201210121 SAMPLE NO: 02
 COMPANY NAME: OCCIDENTAL OIL & GAS ANALYSIS DATE: OCTOBER 19, 2012
 NAME/DESCRIP: HELLS GULCH 1142; HELLS GULCH 26-4 SAMPLE DATE: OCTOBER 11, 2012
 COMMENTS: SPOT; PROBE; WELL SHUT IN, LINE PRESSURE ONLY CYLINDER: LINE PRESSURE ONLY; H2S STAIN TUBE INDICATION = 0.2PPM
 SAMPLED BY: TIFFANI MONTOYA S047

TEST PROCEDURE / METHOD: SULFUR BY GAS CHROMATOGRAPH SCD350 *

<u>COMPONENT</u>	<u>SULFUR</u> <u>ppm mole (ul/L)</u>
→ Hydrogen Sulfide (H2S)	0.2
Carbonyl Sulfide (COS)/Sulfur Dioxide (SO2)	0.2
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
Methylethylidissulfide (MEDS)	BDL
Dimethylthiophene (DMTP)	BDL
Unidentified Sulfurs	BDL
Diethylidissulfide (DEDS)	BDL
Benzothiophene (BzTP)	BDL
Methylbenzothiophenes (MBzTP)	BDL
Unidentified Sulfurs	BDL
Dimethylbenzothiophenes (DMBzTP)	BDL
Unidentified Sulfurs	BDL
TOTAL SULFUR	<u>0.4</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



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PROJECT NO. : 201210121 **ANALYSIS NO. :** 02
COMPANY NAME : OCCIDENTAL OIL & GAS **ANALYSIS DATE:** OCTOBER 25, 2012
ACCOUNT NO. : **SAMPLE DATE :** OCTOBER 11, 2012
PRODUCER : **TO:**
LEASE NO. : 1142 **CYLINDER NO. :** S047
NAME/DESCRIP : HELLS GULCH; HELLS GULCH 26-4

*****FIELD DATA*****

SAMPLED BY : TIFFANI MONTOYA **SAMPLE TEMP. :** 55 F
SAMPLE PRES. : 1.4 PSI **AMBIENT TEMP.:**
COMMENTS : SPOT; PROBE; WELL SHUT IN, LINE PRESSURE ONLY
 H2S STAIN TUBE INDICATION = 0.2PPM

<u>COMPONENTS</u>	<u>NORM. MOLE%</u>	<u>GPM @ 14.65</u>	<u>GPM @ 14.73</u>
HELIUM	0.00	-	-
HYDROGEN	0.02	-	-
OXYGEN/ARGON	0.62	-	-
NITROGEN	2.28	-	-
CO2	3.24	-	-
METHANE	71.25	-	-
ETHANE	7.07	1.880	1.890
PROPANE	3.35	0.918	0.923
ISOBUTANE	1.23	0.400	0.402
N-BUTANE	1.87	0.586	0.589
ISOPENTANE	1.81	0.658	0.662
N-PENTANE	1.72	0.620	0.623
<u>HEXANES+</u>	<u>5.54</u>	<u>2.390</u>	<u>2.403</u>
TOTAL	100.00	7.452	7.492

BTU @ 60 DEG F	14.65	14.73
GROSS DRY REAL =	1459.8	1467.8
GROSS SATURATED REAL =	1434.3	1442.3

RELATIVE DENSITY (AIR=1 @14.696 PSIA 60F) : 0.9308
COMPRESSIBILITY FACTOR : 0.99402

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

Oxy Natural Gas Analysis Report

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Sample Information

Sample Information	
Sample Name	HELLS GULCH FED 26-4
Operator	TIFFANI MONTOYA
Sample Notes	H2S = 0.5 PPM
Injection Date	2012-06-28 14:09:10

Component Results

Component Name	Ret. Time	Peak Area	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	21.480	144586.0	0.021	0.0	0.00020	0.002
Methane	21.810	115162017.0	86.715	877.8	0.48031	14.737
Carbon Dioxide	25.380	5711460.0	3.039	0.0	0.04618	0.520
Ethane	33.150	14314342.0	6.982	123.8	0.07249	1.872
Propane	29.390	8095011.0	2.103	53.0	0.03202	0.581
i-Butane	32.780	1829993.0	0.414	13.5	0.00831	0.136
n-Butane	35.230	1747352.0	0.389	12.7	0.00781	0.123
i-Pentane	43.030	780633.0	0.156	6.3	0.00389	0.057
n-Pentane	46.440	614934.0	0.120	4.8	0.00299	0.044
n-Hexane	68.420	354248.0	0.061	2.9	0.00181	0.025
Water	0.000	0.0	0.000	0.0	0.00000	0.000
Total:			100.000	1094.9	0.65601	18.097

Results Summary

Result	Dry	Sat.
Total Raw Mole% (Dry)	96.036	
Pressure Base (psia)	14.730	
Temperature Base	60.0	
Water Mole%	-	1.741
Gross Heating Value (BTU / Ideal cu.ft.)	1094.9	1075.9
Gross Heating Value (BTU / Real cu.ft.)	1097.9	1079.2
Relative Density (G), Real	0.6575	0.6572
Compressibility (Z) Factor	0.9973	0.9969