

From: [Spry ORourke, Linda](#)
To: Daniel_Padilla@oxy.com
Cc: [Scan, OGCC](#)
Subject: Sundry 2221038
Date: Tuesday, July 10, 2012 12:04:46 PM
Attachments: [Hidden Creek Fed 14-14 - 2221038-annotated.pdf](#)

Daniel,

Please see notes on this sundry requesting additional information.

Amber, please associate this file with sundry 2221038. Thanks.

Linda Spry O'Rourke
Environmental Protection Specialist, Northwest Region
Colorado Oil & Gas Conservation Commission
707 Wapiti Court
Suite 204
Rifle, CO 81650

(970) 625-2497 Office
(970) 625-5682 Fax
(970) 309-3356 Cellular
linda.spryorourke@state.co.us

FORM
4
Rev 12/05

State of Colorado

Oil and Gas Conservation Commission

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

DOCUMENT
#2221038

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
11/14/2011

1. OGCC Operator Number: <u>66561</u>	4. Contact Name <u>Daniel I. Padilla</u>	Complete the Attachment Checklist OP OGCC
2. Name of Operator: <u>OXY USA Inc.</u>	Phone: <u>970.263.3637</u>	
3. Address: <u>760 Horizon Drive, Suite 101</u>	Fax: <u>970.263.3694</u>	
City: <u>Grand Junction</u> State: <u>CO</u> Zip: <u>81506</u>		
5. API Number <u>05-</u>	OGCC Facility ID Number <u>334538</u>	Survey Plat
6. Well/Facility Name: <u>Hidden Creek W. Fed</u>	7. Well/Facility Number <u>14-14 Pad</u>	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): <u>SESW, Sec 14, T8S, R92W</u>		Surface Eqmpt Diagram
9. County: <u>Mesa</u>	10. Field Name: <u>Alkali Creek</u>	Technical Info Page <input checked="" type="checkbox"/>
11. Federal, Indian or State Lease Number: <u>COC 66918</u>		Other Lab data, Map <input checked="" type="checkbox"/>

General Notice

<input type="checkbox"/> 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:	<table border="1"> <tr> <td></td> <td>FNL/FSL</td> <td></td> <td>FEL/FWL</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>		FNL/FSL		FEL/FWL												
	FNL/FSL		FEL/FWL														
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																
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 <input type="checkbox"/>																
	Distance to nearest well same formation																
	Surface owner consultation date:																
GPS DATA:																	
Date of Measurement	PDOP Reading																
	Instrument Operator's Name																
<input type="checkbox"/> CHANGE SPACING UNIT	<input type="checkbox"/> Remove from surface bond																
Formation	Signed surface use agreement attached																
Formation Code																	
Spacing order number																	
Unit Acreage																	
Unit configuration																	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME																
Effective Date:	NUMBER																
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	From:																
	To:																
	Effective Date:																
<input type="checkbox"/> ABANDONED LOCATION:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS																
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"/> SPUD DATE:	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)																
<input type="checkbox"/> 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																
<input type="checkbox"/> RECLAMATION: 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"/> Notice of Intent	<input type="checkbox"/> Report of Work Done
Approximate Start Date:	Date Work Completed:
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: Application of diff. standard for Spills and Releases
<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	

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Daniel I. PadillaDate: 11/14/11 Email: daniel_padilla@oxy.comPrint Name: Daniel I. PadillaTitle: Regulatory Advisor

COGCC Approved:

Title:

Date:

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 66561	API Number:
2. Name of Operator: OXY USA Inc.	OGCC Facility ID # 334538
3. Well/Facility Name: Hidden Creek W. Fed	Well/Facility Number: 14-14 Pad
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESW, Sec 14, T8S, R92W	

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

7/10/2012 notes:

1. Provide site diagram denoting all sample collection locations, relative to pit location.
2. Describe sample compositing if it occurred. The text below indicates multiple background samples were collected, however only one background sample is included in the data table.
3. Resubmit.

OXY USA Inc. (Oxy) has completed reclamation of the above-mentioned reserve pit and requests to apply a different standard (see table on next page) to the COGCC Table 910-1 concentration levels for Arsenic (As). Based on post reclamation levels for As being below undisturbed background levels, Oxy's sundry requests to waive the COGCC Table 910-1 concentration for As. In this particular situation, the below the pit liner (Post Reclaim 11/05/2009) concentration for As is above COGCC Table 910-1 standards, but is below undisturbed background levels (see sampling locations on included location map).

The sampling method Oxy employed was to take a representative random grab sample for each background sample location. The analytical concentrations table identifies the COGCC Table 910-1 concentration levels, Oxy's undisturbed background concentrations, and Oxy's post reclamation concentrations (Post Reclaim 11/05/2009). Based on the background sample concentrations, Oxy's sundry notice requests to apply different standards to the COGCC Table 910-1 concentration levels.

The reclaimed pit was contoured to be level with the pad grade to minimize stormwater runoff, during operational phase of the pad. Final pad reclamation will occur at the end of the life of the pad.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.
COC 66918

6. If Indian, Allottee or Tribe Name
N/A

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
OXY USA Inc.

3a. Address
760 Horizon Drive, Suite 101
Grand Junction CO 81506

3b. Phone No. (include area code)
(970)263-3637

7. If Unit of CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
Hidden Creek West Federal 14-14 (23-3) Pit

9. API Well No.
05-077-09152 ; OGCC Facility # 334538

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SESW, Sec 14, T8S, R92W

10. Field and Pool or Exploratory Area
Alkali Creek # 1950

11. Country or Parish, State
Mesa, CO

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Pit Closure
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

OXY USA Inc. (Oxy) has completed reclamation of the above-mentioned reserve pit located on the Hidden Creek 14-14 Pad. Attached please find the closure documentation for the pit which was submitted to the COGCC.


14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Daniel I. Padilla

Title Regulatory Advisor

Signature



Date

11/14/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Pit Reclaims - Collbran

Pad #:	Hidden Creek 14-14
Sample Date:	11/5/2009
Clearance Achieved Date:	

		Sample Identifications (mg/kg)	
	MCL (mg/kg)	Post Reclaim	Background
Organics in Soil			
TPH (GRO and DRO)	500	3.6	-
Benzene	0.17	<0.00090	-
Toluene	85	<0.0015	-
Ethylbenzene	100	<0.0013	-
Xylenes	175	<0.0028	-
Organics in Soil (PAH's)			
Acenaphthene	1000	<0.011	-
Anthracene	1000	<0.0093	-
Benzo(A)anthracene	0.22	<0.0011	-
Benzo(B)fluoranthene	0.22	<0.0078	-
Benzo(K)fluoranthene	2.2	<0.012	-
Benzo(A)pyrene	0.022	<0.0074	-
Chrysene	22	<0.0091	-
Dibenzo(A,H)anthracene	0.022	<0.011	-
Fluoranthene	1000	<0.0079	-
Flourene	1000	<0.0095	-
Indeno(1,2,3,C,D)pyrene	0.22	<0.011	-
Napthalene	23	<0.016	-
Pyrene	1000	<0.0089	-
Inorganics in Soil			
EC	<4 mmhos/cm or 2X background	0.190	0.240
SAR	<12	1.4	0.66
pH	6-9	7.8	7.7
Metals in Soils			
Arsenic	0.39	2.2	5.0
Barium	15000	172	-
Boron (Hot Water Soluble)	2 (mg/L)	0.517	-
Cadmium	70	0.4	-
Chromium	12000	18.0	-
Chromium VI	23	<0.10	-
Copper	3100	12.0	-
Lead	400	10.0	-
Mercury	23	0.023	-
Nickel	1600	14.0	-
Selenium	390	6.30	-
Silver	390	0.28	-
Zinc	23000	50.0	-



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

November 13, 2009

Brett Kennedy
OXY USA Inc - Grand Junction, CO
760 Horizon Dr., Ste. 101
Grand Junction, CO 81506

Date Received : November 06, 2009
Description : Pit Reclaims - Collbran
Sample ID : HIDDEN CREEK 1414 BG 0-6IN
Collected By : Brett Kennedy
Collection Date : 11/05/09 12:34

ESC Sample # : L430984-01

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
pH	7.7			su		9045D	11/11/09	1
Sodium Adsorption Ratio	0.66					Calc.	11/10/09	1
Specific Conductance	240			umhos/cm		9050AMo	11/11/09	1
Arsenic	5.0	0.32	1.0	mg/kg		6010B	11/11/09	1

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 11/13/09 17:17 Printed: 11/13/09 17:17
L430984-01 (PH) - 7.7@18.4c

REPORT OF ANALYSIS

November 13, 2009

Brett Kennedy
OXY USA Inc - Grand Junction, CO
760 Horizon Dr., Ste. 101
Grand Junction, CO 81506

ESC Sample # : L430984-02

Date Received : November 06, 2009
Description : Pit Reclaims - Collbran

Site ID :

Sample ID : HIDDEN CREEK 1414 POST REC 0-6IN

Project # :

Collected By : Brett Kennedy
Collection Date : 11/05/09 12:45

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Chromium, Hexavalent	U	0.10	2.0	mg/kg	J6	3060A/7	11/07/09	1
ORP	120			mV		2580	11/10/09	1
pH	7.8			su		9045D	11/11/09	1
Sodium Adsorption Ratio	1.4					Calc.	11/10/09	1
Specific Conductance	190			umhos/cm		9050AMo	11/11/09	1
Mercury	0.023	0.0025	0.020	mg/kg		7471	11/12/09	1
Arsenic	2.2	0.32	1.0	mg/kg		6010B	11/11/09	1
Cadmium	0.38	0.040	0.25	mg/kg		6010B	11/11/09	1
Chromium	18.	0.085	0.50	mg/kg		6010B	11/11/09	1
Copper	12.	0.21	1.0	mg/kg		6010B	11/11/09	1
Lead	10.	0.090	0.25	mg/kg		6010B	11/11/09	1
Nickel	14.	0.26	1.0	mg/kg		6010B	11/11/09	1
Selenium	6.3	0.32	1.0	mg/kg		6010B	11/11/09	1
Silver	0.28	0.16	0.50	mg/kg	J	6010B	11/11/09	1
Zinc	50.	0.34	1.5	mg/kg		6010B	11/11/09	1
Benzene	U	0.00090	0.0025	mg/kg		8021/80	11/11/09	5
Toluene	U	0.0015	0.025	mg/kg		8021/80	11/11/09	5
Ethylbenzene	U	0.0013	0.0025	mg/kg		8021/80	11/11/09	5
Total Xylene	U	0.0028	0.0075	mg/kg		8021/80	11/11/09	5
TPH (GC/FID) Low Fraction	U	0.14	0.50	mg/kg		GRO	11/11/09	5
Surrogate Recovery-%								
a,a,a-Trifluorotoluene (FID)	98.8			% Rec.		8021/80	11/11/09	5
a,a,a-Trifluorotoluene (PID)	102.			% Rec.		8021/80	11/11/09	5
TPH (GC/FID) High Fraction	3.6	1.3	4.0	mg/kg	J	3546/DR	11/10/09	1
Surrogate recovery(%)								
o-Terphenyl	54.9			% Rec.		3546/DR	11/10/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0093	0.033	mg/kg		8270C	11/11/09	1
Acenaphthene	U	0.011	0.033	mg/kg		8270C	11/11/09	1
Acenaphthylene	U	0.011	0.033	mg/kg		8270C	11/11/09	1
Benzo(a)anthracene	U	0.0077	0.033	mg/kg		8270C	11/11/09	1
Benzo(a)pyrene	U	0.0074	0.033	mg/kg		8270C	11/11/09	1
Benzo(b)fluoranthene	U	0.0078	0.033	mg/kg		8270C	11/11/09	1
Benzo(g,h,i)perylene	U	0.0095	0.033	mg/kg		8270C	11/11/09	1

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L430984-02 (PH) - 7.8@17.9c

REPORT OF ANALYSIS

Brett Kennedy
OXY USA Inc - Grand Junction, CO
760 Horizon Dr., Ste. 101
Grand Junction, CO 81506

November 13, 2009

Date Received : November 06, 2009
Description : Pit Reclaims - Collbran
Sample ID : HIDDEN CREEK 1414 POST REC 0-6IN
Collected By : Brett Kennedy
Collection Date : 11/05/09 12:45

ESC Sample # : L430984-02

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Benzo(k)fluoranthene	U	0.012	0.033	mg/kg		8270C	11/11/09	1
Chrysene	U	0.0091	0.033	mg/kg		8270C	11/11/09	1
Dibenz(a,h)anthracene	U	0.011	0.033	mg/kg		8270C	11/11/09	1
Fluoranthene	U	0.0079	0.033	mg/kg		8270C	11/11/09	1
Fluorene	U	0.0095	0.033	mg/kg		8270C	11/11/09	1
Indeno(1,2,3-cd)pyrene	U	0.011	0.033	mg/kg		8270C	11/11/09	1
Naphthalene	U	0.016	0.033	mg/kg	J3J4	8270C	11/11/09	1
Phenanthrene	U	0.0073	0.033	mg/kg		8270C	11/11/09	1
Pyrene	U	0.0089	0.033	mg/kg		8270C	11/11/09	1
Surrogate Recovery								
Nitrobenzene-d5	51.9			% Rec.		8270C	11/11/09	1
2-Fluorobiphenyl	89.4			% Rec.		8270C	11/11/09	1
p-Terphenyl-d14	96.0			% Rec.		8270C	11/11/09	1

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L430984-02 (PH) - 7.8@17.9c

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