

From: [Spry ORourk, 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.spryorourk@state.co.us



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: 66561 4. Contact Name: Daniel I. Padilla
2. Name of Operator: OXY USA Inc.
3. Address: 760 Horizon Drive, Suite 101 City: Grand Junction State: CO Zip: 81506
5. API Number: 05- OGCC Facility ID Number: 334538
6. Well/Facility Name: Hidden Creek W. Fed 7. Well/Facility Number: 14-14 Pad
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SESW, Sec 14, T8S, R92W
9. County: Mesa 10. Field Name: Alkali Creek
11. Federal, Indian or State Lease Number: COC 66918

Complete the Attachment Checklist

OP OGCC

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:
Change of Surface Footage to Exterior Section Lines:
Change of Bottomhole Footage from Exterior Section Lines:
Change of Bottomhole Footage to Exterior Section Lines:
GPS DATA: Date of Measurement PDDOP Reading Instrument Operator's Name
CHANGE SPACING UNIT: Formation Formation Code Spacing order number Unit Acreage Unit configuration
CHANGE OPERATOR (prior to drilling): Effective Date: Plugging Bond:
CHANGE WELL NAME: From: To: Effective Date:
ABANDONED LOCATION: Was location ever built? Is site ready for inspection? Date Ready for Inspection:
NOTICE OF CONTINUED SHUT IN STATUS: Date well shut in or temporarily abandoned: Has Production Equipment been removed from site?
SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK: 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:
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: Application of diff. standard 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: Daniel I. Padilla Date: 11/14/11 Email: daniel_padilla@oxy.com
Print Name: Daniel I. Padilla Title: Regulatory Advisor

COGCC Approved: Title: Date:

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

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

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.

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

1. Type of Well
 Oil Well Gas Well Other

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

2. Name of Operator
OXY USA Inc.

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

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

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

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

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

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 recomplete 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 recompletion 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.

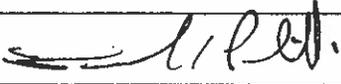
14. I hereby certify that the foregoing is true and correct.

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:	

	MCL (mg/kg)	Sample Identifications (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

YOUR LAB OF CHOICE

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



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Mt. Juliet, TN 37122
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1-800-767-5859
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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

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



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 (615) 758-5858
 1-800-767-5859
 Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

YOUR LAB OF CHOICE

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.
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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RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

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Reported: 11/13/09 17:17 Printed: 11/13/09 17:17
 L430984-02 (PH) - 7.8@17.9c

Company Name/Address:

Oxy USA WTP LP - Grand Junction, CO

760 Horizon Dr., Ste. 101
Grand Junction, CO 81506

Report to: *Brett Kennedy*
Email to: *brett.kennedy@oxy.com*

Project Description: *Pit Reclaims - Colbran*
City/State Collected: _____

Phone: (970) 263-3601
FAX: (970) 201-2305
ESC Key: _____

Collected by: *Brett Kennedy*
Site/Facility ID#: _____ P.O.#: _____

Collected by (signature): *Brett Kennedy*
Packed on loc N ___ Y ___
Date Results Needed:
Email? ___ No ___ Yes
FAX? ___ No ___ Yes

Matrix: _____
Depth: _____
Date: _____
Time: _____

Sample ID: _____
Comp/Grab: _____
Date: _____
Time: _____

Sample # (lab use only): _____
Remarks/Contaminant: _____
Shipped Vials: _____

Analysis/Container/Preservative

Analysis/Container/Preservative	Remarks/Contaminant	Sample # (lab use only)
<i>BTEX</i>	<i>6R1DPCO</i>	<i>1430984-01</i>
<i>SAR/TEC/PH</i>	<i>AS</i>	<i>02</i>
<i>CA, Cr, Cu, Pb, Hg, Ni, Se, B, Zn</i>	<i>AS</i>	<i>02</i>
<i>PAH</i>	<i>AS</i>	<i>02</i>

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859
C169

CoCode: *OXYWTPGJ* (lab use only)
Template/Prelogin

Shipped Vials: _____

Remarks/Contaminant: _____

Sample # (lab use only): _____

pH _____ Temp _____

*Matrix: **SS - Soil/Solid** **GW - Groundwater** **WW - WasteWater** **DW - Drinking Water** **OT - Other**

Remarks:

913262683142 low

Samples returned via: UPS FedEx Courier

Condition: _____ (lab use only)

CoC Seals Intact: *Y* *N* *NA*

pH Checked: *NCF*

Temp: *3-8°C*
Date: *11/6/09*
Time: *0900*

Received by: (Signature) _____
Received by: (Signature) _____
Received for lab by: (Signature) *Jimmy Ware*

Date: *11/4/09*
Time: *1700*

Date: _____
Time: _____

Date: _____
Time: _____

Relinquished by: (Signature) *Brett Kennedy*

Relinquished by: (Signature) _____

Relinquished by: (Signature) _____