

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
#2221037

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> City: <u>Grand Junction</u> State: <u>CO</u> Zip: <u>81506</u>	Fax: <u>970.263.3694</u>	
5. API Number <u>05-077-09432</u>	OGCC Facility ID Number <u>334537</u>	Survey Plat
6. Well/Facility Name: <u>YT Ranch (Reserve Pit)</u>	7. Well/Facility Number <u>17-5</u>	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): <u>SWNW, Sec 17, T10S, R94W 6th PM</u>		Surface Eqmpt Diagram
9. County: <u>Mesa</u>	10. Field Name: <u>Plateau</u>	Technical Info Page <input checked="" type="checkbox"/>
11. Federal, Indian or State Lease Number: _____		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																
	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																	
Formation	Formation Code																
Spacing order number	Unit Acreage																
	Unit configuration																
<input type="checkbox"/> Remove from surface bond Signed surface use agreement attached																	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling): Effective Date: _____ Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual																	
<input type="checkbox"/> CHANGE WELL NAME From: _____ To: _____ Effective Date: _____																	
<input type="checkbox"/> ABANDONED LOCATION: Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No Date Ready for Inspection: _____																	
<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS Date well shut in or temporarily abandoned: _____ Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No 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 Method used Cementing tool setting/perf depth Cement volume Cement top Cement bottom Date *submit cbl and cement job summaries																	
<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 Approximate Start Date: _____		<input type="checkbox"/> Report of Work Done 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"/> Change Drilling Plans <input type="checkbox"/> Gross Interval Changed? <input type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> Request to Vent or Flare <input type="checkbox"/> Repair Well <input type="checkbox"/> Rule 502 variance requested <input checked="" type="checkbox"/> Other: Application of diff. standard	<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 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*
 Print Name: Daniel I. Padilla

 Date: 11/14/11 Email: daniel_padilla@oxy.com
 Title: 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:	05-077-09432
2. Name of Operator:	OXY USA Inc.	OGCC Facility ID #	334537
3. Well/Facility Name:	YT Ranch (Reserve Pit)	Well/Facility Number:	17-5
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	SWNW, Sec 17, T10S, R94W 6th 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

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 10/05/2009) 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 10/05/2009). 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 the operational phase of the pad. Final pad reclamation will occur at the end of the life of the pad.

Pit Reclaims - Collbran

Pad #:	LL&CC 17-5
Sample Date:	10/5/2009
Clearance Achieved Date:	

		Sample Identifications (mg/kg)	
	MCL (mg/kg)	Post Reclaim	Background
Organics in Soil			
TPH (GRO and DRO)	500	300	-
Benzene	0.17	0.17	-
Toluene	85	0.80	-
Ethylbenzene	100	0.60	-
Xylenes	175	4.70	-
Organics in Soil (PAH's)			
Acenaphthene	1000	<0.011	-
Anthracene	1000	<0.0093	-
Benzo(A)anthracene	0.22	<0.0077	-
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	0.030	-
Indeno(1,2,3,C,D)pyrene	0.22	<0.011	-
Napthalene	23	0.057	-
Pyrene	1000	<0.0089	-
Inorganics in Soil			
EC	<4 mmhos/cm or 2X background	0.670	0.210
SAR	<12	8.9	0.30
pH	6-9	8.3	-
Metals in Soils			
Arsenic	0.39	0.50	1.8
Barium	15000	1960	-
Boron (Hot Water Soluble)	2 (mg/L)	0.437	-
Cadmium	70	0.64	-
Chromium	12000	18.0	-
Chromium VI	23	<0.10	-
Copper	3100	15.0	-
Lead	400	14.0	-
Mercury	23	0.028	-
Nickel	1600	12.0	-
Selenium	390	<1.6	-
Silver	390	<0.16	-
Zinc	23000	44.0	-



OXY USA Inc.
760 Horizon Drive, Suite 101
Grand Junction, CO 81506

YT Ranch 17-5 Reserve Pit Sampling Map

Mesa County, Colorado

0 0.005 0.01 0.015 0.02 Miles



Pit Sample Locations ●
Background sample locations ●
Approximate Location of Pit



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

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

Grand Junction, CO 81506

Report Summary

Thursday October 15, 2009

Report Number: L425889

Samples Received: 10/07/09

Client Project:

Description: Pit Reclaims - Collbran

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Mark W. Beasley, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

This report may not be reproduced, except in full, without written approval from Environmental Science Corp.
Where applicable, sampling conducted by ESC is performed per guidance provided
in laboratory standard operating procedures: 060302, 060303, and 060304.

2 Samples Reported: 10/15/09 10:14 Printed: 10/15/09 10:14

Page 1 of 6



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Mt. Juliet, TN 37122
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1-800-767-5859
Fax (615) 758-5859
Tax I.D. 62-0814289
Est. 1970

REPORT OF ANALYSIS

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

October 15, 2009

Date Received : October 07, 2009
Description : Pit Reclaims - Collbran
Sample ID : YT 17-5 BG 0-6 IN
Collected By : Brett Kennedy
Collection Date : 10/05/09 13:16

ESC Sample # : L425889-01

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Sodium Adsorption Ratio	0.30					Calc.	10/09/09	1
Specific Conductance	210			umhos/cm		9050AMo	10/09/09	1
Arsenic	1.8	0.32	1.0	mg/kg		6010B	10/10/09	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: 10/15/09 10:14 Printed: 10/15/09 10:14



YOUR LAB OF CHOICE

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

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

October 15, 2009

Date Received : October 07, 2009
Description : Pit Reclaims - Collbran
Sample ID : YT 17-5 POST REC 0-6 IN
Collected By : Brett Kennedy
Collection Date : 10/05/09 12:55

ESC Sample # : L425889-02

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Chromium, Hexavalent	U	0.10	2.0	mg/kg		3060A/7	10/12/09	1
ORP	270			mV		2580	10/09/09	1
pH	8.3			su		9045D	10/12/09	1
Sodium Adsorption Ratio	8.9					Calc.	10/09/09	1
Specific Conductance	670			umhos/cm		9050AMo	10/09/09	1
Mercury	0.028	0.0025	0.020	mg/kg		7471	10/09/09	1
Arsenic	0.50	0.32	1.0	mg/kg	J	6010B	10/11/09	1
Cadmium	0.64	0.040	0.25	mg/kg		6010B	10/11/09	1
Chromium	18.	0.085	0.50	mg/kg		6010B	10/11/09	1
Copper	15.	0.21	1.0	mg/kg		6010B	10/11/09	1
Lead	14.	0.090	0.25	mg/kg		6010B	10/11/09	1
Nickel	12.	0.26	1.0	mg/kg		6010B	10/11/09	1
Selenium	U	1.6	5.0	mg/kg	O	6010B	10/12/09	5
Silver	U	0.16	0.50	mg/kg		6010B	10/11/09	1
Zinc	44.	0.34	1.5	mg/kg		6010B	10/11/09	1
Benzene	0.17	0.0090	0.025	mg/kg		8021/80	10/11/09	50
Toluene	0.80	0.015	0.25	mg/kg		8021/80	10/11/09	50
Ethylbenzene	0.60	0.013	0.025	mg/kg		8021/80	10/11/09	50
Total Xylene	4.7	0.028	0.075	mg/kg		8021/80	10/11/09	50
TPH (GC/FID) Low Fraction	140	1.6	5.0	mg/kg		GRO	10/11/09	50
Surrogate Recovery-%								
a,a,a-Trifluorotoluene (FID)	100.			% Rec.		8021/80	10/11/09	50
a,a,a-Trifluorotoluene (PID)	95.7			% Rec.		8021/80	10/11/09	50
TPH (GC/FID) High Fraction	160	1.3	4.0	mg/kg		3546/DR	10/09/09	1
Surrogate recovery(%)								
o-Terphenyl	92.8			% Rec.		3546/DR	10/09/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0093	0.033	mg/kg		8270C	10/10/09	1
Acenaphthene	U	0.011	0.033	mg/kg		8270C	10/10/09	1
Acenaphthylene	U	0.011	0.033	mg/kg		8270C	10/10/09	1
Benzo(a)anthracene	U	0.0077	0.033	mg/kg		8270C	10/10/09	1
Benzo(a)pyrene	U	0.0074	0.033	mg/kg		8270C	10/10/09	1
Benzo(b)fluoranthene	U	0.0078	0.033	mg/kg		8270C	10/10/09	1
Benzo(g,h,i)perylene	U	0.0095	0.033	mg/kg		8270C	10/10/09	1

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Reported: 10/15/09 10:14 Printed: 10/15/09 10:14

L425889-02 (PH) - 8.3020.6c

REPORT OF ANALYSIS

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

October 15, 2009

Date Received : October 07, 2009
Description : Pit Reclaims - Collbran
Sample ID : YT 17-5 POST REC 0-6 IN
Collected By : Brett Kennedy
Collection Date : 10/05/09 12:55

ESC Sample # : L425889-02

Site ID :

Project # :

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Benzo(k)fluoranthene	U	0.012	0.033	mg/kg		8270C	10/10/09	1
Chrysene	U	0.0091	0.033	mg/kg		8270C	10/10/09	1
Dibenz(a,h)anthracene	U	0.011	0.033	mg/kg		8270C	10/10/09	1
Fluoranthene	U	0.0079	0.033	mg/kg		8270C	10/10/09	1
Fluorene	0.030	0.0095	0.033	mg/kg	J	8270C	10/10/09	1
Indeno(1,2,3-cd)pyrene	U	0.011	0.033	mg/kg		8270C	10/10/09	1
Naphthalene	0.057	0.016	0.033	mg/kg		8270C	10/10/09	1
Phenanthrene	0.021	0.0073	0.033	mg/kg	J	8270C	10/10/09	1
Pyrene	U	0.0089	0.033	mg/kg		8270C	10/10/09	1
Surrogate Recovery								
Nitrobenzene-d5	102.			% Rec.		8270C	10/10/09	1
2-Fluorobiphenyl	101.			% Rec.		8270C	10/10/09	1
p-Terphenyl-d14	76.5			% Rec.		8270C	10/10/09	1

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Reported: 10/15/09 10:14 Printed: 10/15/09 10:14

L425889-02 (PH) - 8.3@20.6c

Company Name/Address:

Alternate billing information:

Analysis/Container/Preservative

OXY USA - Grand Junction, CO

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

Prepared by:

Chain of Custody
Page 1 of 1ENVIRONMENTAL
SCIENCE CORP.12065 Lebanon Road
Mt Juliet, TN 37122Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

A224

Report to:

Brett Kennedy

Email to:

brett.kennedy@oxy.com

Project Description: Pit Reclaim - CU In

City/State
Collected

Phone: (970) 263-3601

Client Project #:

ESC Key:

FAX:

Collected by: Brett Kennedy

Site/Facility ID#:

P.O. #:

Collected by (signature):

Rush? (Lab MUST Be Notified)

Date Results Needed:

Email? No Yes

FAX? No Yes

Packed on ice N Y

Same Day... 200%
Next Day... 100%
Two Day... 50%
Three Day... 25%

No. of Cnts

Sample ID

Comp/Grab

Matrix*

Depth

Date

Time

Remains/Contaminant

Sample # (lab only)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cnts
YT 12-5 BG	Grab	SS	0-1'	10/5/09	1316	1
YT 12-5 Post-Kec	↓	↓	↓	↓	1255	2

BTEX16RO1DRO

PAH

SAR, EC

PH

AS

Cd, Cr, Cu, Hg, Pb, Ni, Se, Ag, Zn

Cr VI

CoC Code: OXYGJCO (lab use only)

Terminology/Prelog in

Shipped Via:

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

pH Temp

9636255 3736 Flow

Other

Relinquished by (Signature)

Date:

Time:

Received by (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier

Condition:

(lab use only)

Relinquished by (Signature)

Date:

Time:

Received by (Signature)

Temp:

Bottles Received:

COC Status Intact:

Y N NA

Relinquished by (Signature)

Date:

Time:

Received for lab by (Signature)

Date:

Time:

pH Checked:

NGF