By OCD; Dr. Oberding at 9:17 am, Mar 24, 2015

	Site Description
Site Name:	Manda B Tract C Tank Battery
Company:	Oxy Permian Ltd.
Legal Description:	U/L C, Section 28, T22S, R37E
County:	Lea County, NM
GPS Coordinates:	N 32.36877° W 103.16967°

	Release Data
Date of Release:	06/23/2014
Type of Release:	Produced water
Source of Release:	Electrical surge caused tanks to spill over
Volume of Release:	15 bbls
Volume Recovered:	5 bbls

	Remediation Specifications
Remediation Parameters:	Excavate the entire leak area to a depth of 3 feet. Backfill the excavation with clean soil.
Remediation Activities:	03/20/2015

Plan Sent to OCD:	10/14/2014	Email from Cliff Brunson to Tomas Oberding
OCD Approval of Plan:	10/15/2014	Email from Tomas Oberding to Cliff Brunson
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

	Supporting Documentation
Initial C-141	Signed 07/10/2014
Final C-141	Signed 03/23/2015
Site Diagram	July 2014
Groundwater Plot	50'-100'
TOPO Maps	July 2014
Lab Summary	08/28/2014
Lab Analysis	08/28/2014
Correspondence	Request and approval of remediation plan via email

# **Request for Closure**

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc. 03/23/2015

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II
811 S. First St., Artesia, NM 88210
District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

### State of New Mexico Energy Minerals and Natural Resources

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

**Release Notification and Corrective Action** 

Form C-141 Revised August 8, 2011

						OPERA'	TOR		Initi	al Report		Final Repor
Name of Co		Oxy Permia				Contact C	Chancey Summe	ers				
		tanolind Rd,				Telephone l	No. (575) 397	-8216		-		
Facility Nar	ne Man	da B Tract C	Tank B	attery		Facility Typ	e Tank Batte	ry				
Surface Ow	ner BLI	M		Mineral C	wner				API No	30-025	-2543{	8
				LOCA	TTC	N OF RE	LEACE					
Unit Letter	Section	Township	Range	Feet from the		h/South Line	Feet from the	Fast/V	West Line	County		
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C	28	22S	37E						·	Lea Count	y, NM	
			]	Latitude <u>N 32.3</u>	6877°	Longitu L	de <u>W 103.1698</u>	<u>5°</u>				
				NAT	URI	OF RELI	EASE					
Type of Relea	ise Prodi	iced water				Volume of	Release			Recovered		
Source of Rel	ease Ele	ctrical surge c	ause the t	anks to spill over		15 bbls  Date and H	lour of Occurrence	е	5 bbls Date and	Hour of Dis	coverv	
						06/23/2014	ļ		Dato ma	11001 01 1515	JO V CL y	
Was Immedia	te Notice C		F			If YES, To						
			Yes	No 🔲 Not Re	quired	Geoffrey L	eking and Tomas	Oberdi	ng-NMOC	D, Jennifer V	/an Cu	ren-BLM
By Whom? Was a Watero	Kathy Pur					Date and H						
was a waterc	ourse Reac		Yes 🛚	No		If YES, Vo	lume Impacting t	he Wate	ercourse.			
If a Watercou	ree was Im	anoted Denovi	ha Fully, 8							<del></del>		
Describe Area	tored.  Affected a	d the tanks to	spill 15 bl	ols of produced w								
the BLM.				cation. Remediat								
regulations all public health of should their of	operators a or the environations ha ment. In ac	are required to conment. The ave failed to ad Idition, NMO	report an acceptanc dequately CD accept	is true and compled/or file certain rese of a C-141 reportinvestigate and researce of a C-141 researce of a C-141 researce.	lease r t by th media	notifications an ne NMOCD ma te contamination	d perform correct wked as "Final Roon that pose a three	tive acti port" de at to gr	ons for rele oes not reli- ound water	eases which reve the opera	may en ator of ter. hun	danger liability nan health
Signature:							OIL CONS	SERV.	<u>ATION</u>	DIVISIO	N	
Printed Name:	Chance	y Summers				Approved by I	Environmental Sp	ecialist	:			
Title: HES S	Specialist					Approval Date	e:	E	expiration I	Date:		
E-mail Addres  Date:	s: <u>Chanc</u>	ey.Summers@	Ooxy.com Phone:	(575) 397-8216		Conditions of	Approval:			Attached		
Attach Additi	onal Sheet	ts If Necessa								<del></del>		

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

#### State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

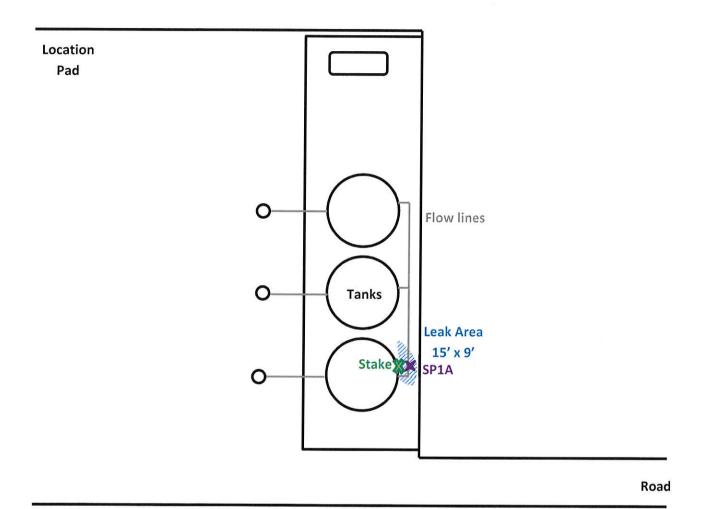
			Rel	ease Notific	eation	n and Co	orrective A	ction	
						OPERA'	ΓOR	☐ Initi	al Report 🛛 Final Report
Name of Co		Oxy Permia					Christopher Jone	S	
		ommerce Di				Telephone i			177 Mari
Facility Na	me ivian	da B Tract C	Tank B	attery		Facility Typ	e Tank Batte	ry	W.d.
Surface Ow	ner BLI	И		Mineral C	)wner			API No	0. 30-025-25438
				LOCA	TIOI	N OF REI	LEASE		
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/West Line	County
С	28	22S	37E			i			Lea County, NM
				Latitude N 32.3	68770	Longitu	de W 103.1698.	50	
			•			_		<u> </u>	
Type of Rele	ase Produ	iced water		<u>INAI</u>	UKL	OF RELI Volume of		Volume	Recovered
1,500 0111010		ioda water				15 bbls	Release	5 bbls	cecovered
Source of Re		Date and Hour of Occurrence 06/23/2014  Notice Given?  Yes No Not Required Date and Hour of Occurrence 06/23/2014  If YES, To Whom? Geoffrey Leking and Tomas Oberding-NMOCD, Jennifer Van Curen-BLM							
Was Immedia	ate Notice C								
By Whom?	Kathy Pur					Date and H	our 06/23/2014	1 @ 2:45 pm	
Was a Watero	course Reac		Yes 🏻	l No		If YES, Vo	lume Impacting t	he Watercourse.	
If a Waterson	rea waa Im					<u> </u>			
	surge cause	e of Problem and Remedial Action Taken.*  large caused the tanks to spill 15 bbls of produced water onto the ground. A vacuum truck recovered 5 bbls of produced water and the ored.  Affected and Cleanup Action Taken.*							
Describe Area	a Affected a	nd Cleanup A	ction Tak	en.*					
The affected a the BLM.	area is appro	oximately 8' x	: 40° on lo	cation. Remediat	ion will	be completed	l in accordance w	ith a remediation p	lan approved by NMOCD and
regulations all public health should their of or the environ	ify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger to the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health ment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other to compliance with any other to contamination.		eases which may endanger eve the operator of liability , surface water, human health ompliance with any other						
Signature:	Chris J	ones em	itally signed by : cn=Chris Jone all=ckJones888 JS	Chris Jones s, o, ou, @yahoo.com,			OIL CONS	SERVATION_	DIVISION
Printed Name	: Christor	her Jones	e: 2015:03.231	U;43:19 *U3 UU	A	Approved by I	Environmental Sp	ecialist:	
Title: HES	Specialist				A	approval Date	):	Expiration I	Date:
E-mail Addres	ss: <u>Christ</u>	opher_Jones@	Doxy.com		c	Conditions of	Approval:		Attached
Date: $3/2$	3/15		Phone:	(575) 628-4121					

<sup>\*</sup> Attach Additional Sheets If Necessary



# Manda B Tract C Tank Battery (6/23/14)

Оху



#### **Pasture**

U/L C, Section 28, T22S, R37E Lea County, NM N 32.36877° W 103.16967°

<b>BBC Inter</b>	national, Inc.
	Оху
Manda B Tra	ct C Tank Battery
Date: 07/18/14	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2014

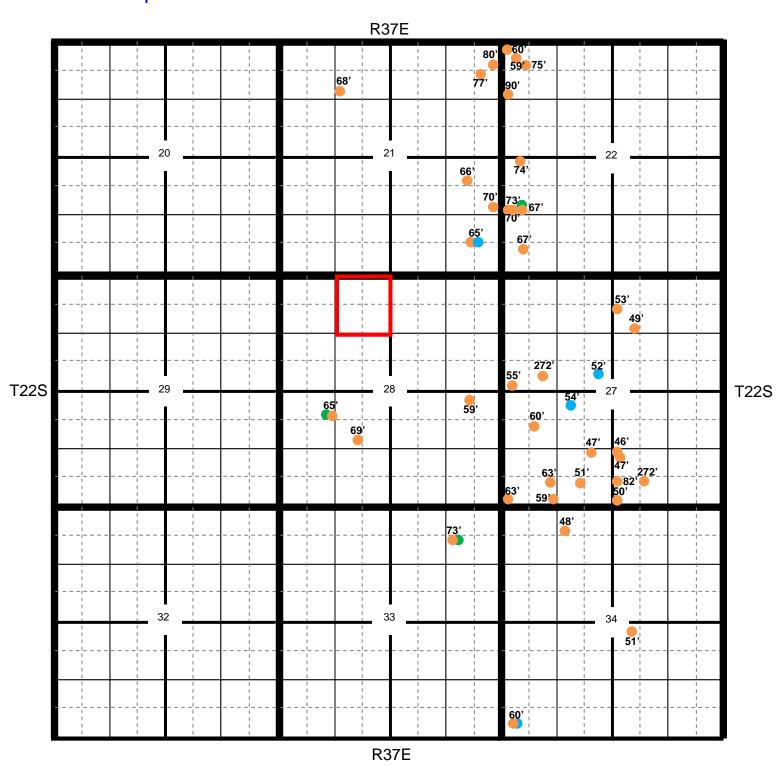


## **Groundwater Plot**

# Oxy Manda B Tract C Tank Battery

CountyUnit LetterSectionTownshipRangeLeaC2822S37E

Trend Map 50'-100'



Location

OCD

USGS

SEO

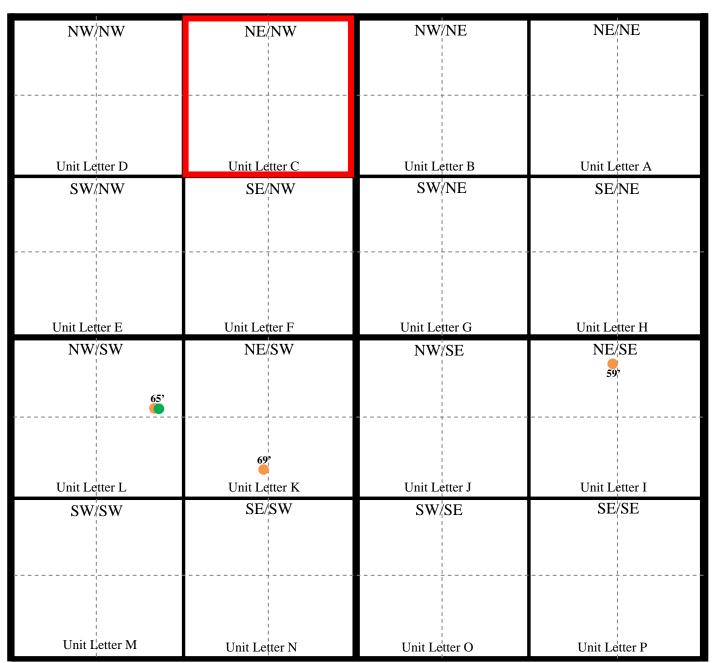
All Databases

# Oxy Manda B Tract C Tank Battery

CountyUnit LetterSectionTownshipRangeLeaC2822S37E

Trend Map 50'-100'

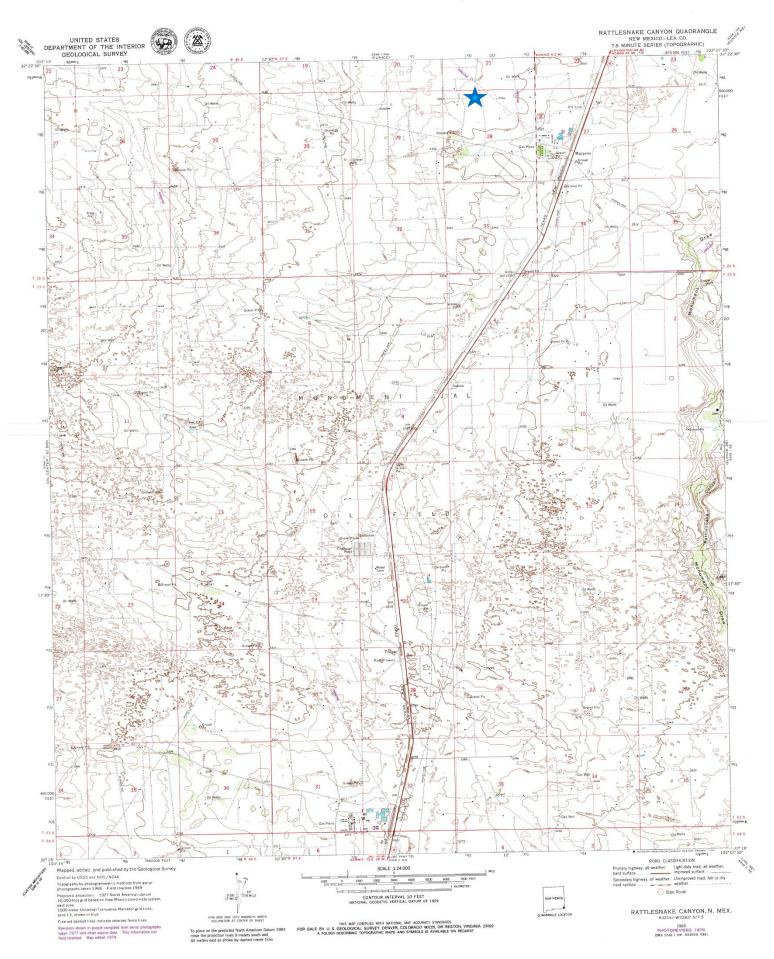
1



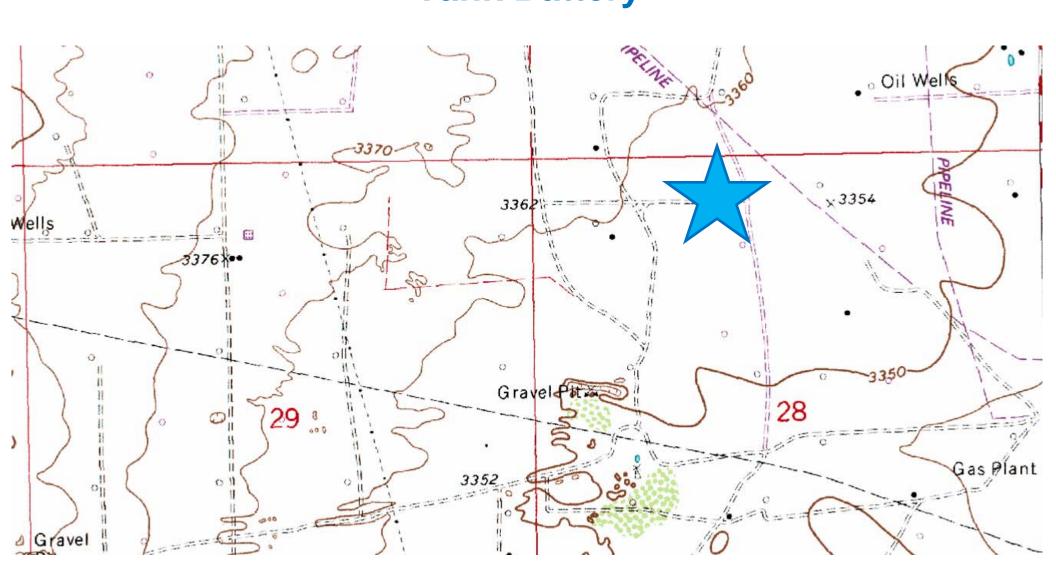
3

# Оху

# **Manda B Tract C TB**



# Oxy Manda B Tract C Tank Battery



#### Laboratory Analytical Results Summary Manda B Tract C Tank Battery 6/23/14 leak

		Sample	SP1A @ 1'	SP1A @ 2'	SP1A @ 3'
Analyte	Method	Date	8/28/14	8/28/14	8/28/14
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		8480	4320	368



September 05, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MANDA B TRACT C

Enclosed are the results of analyses for samples received by the laboratory on 08/28/14 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keine

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 08/28/2014 Sampling Date: 08/28/2014

Reported: 09/05/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

Sample ID: SP 1A @ 1 (H402671-01)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result Chloride 8480 16.0 09/04/2014 ND 432 108 400 3.77

Sample ID: SP 1A @ 2 (H402671-02)

Chloride, SM4500Cl-B Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 4320 16.0 09/04/2014 ND 432 108 400 3.77

Sample ID: SP 1A @ 3 (H402671-03)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	09/04/2014	ND	432	108	400	3.77	

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Company Name:	BBC International, Inc.	1 (1) V 1		18	47		896			ANA	ANALYSIS REQUEST	SRE	OUES	2			
Project Manager:	Cliff Brunson			P.O. #:	Annual Africano												
Address: P.O. Box 805	30X 805			Company:					-								1
city: Hobbs	State; NM Zip: 88241	Zip:	88241	Attn:												7. 	
Phone #: 575-397-6388		5-397	575-397-0397	Address:	1				1), 1/4 (	49.							
Project #:	Project Owner:		oxu .	City:	one	۵		70									
Project Name:	Brist B Tout		63 14)	State:	Zip:		V A							1			10
Project Location:	EWILL			Phone #:													
Sampler Name:	CH Cimples			Fax #:									444		1.4	2.0	
FOR LAB USE ONLY			MATRIX	PRESERV.	SAMPLING	NG									dent.		
Lab I.D.	Sample I.D.	OR (C)OME	NDWATER EWATER	ASE: OOL			01-					a the special					
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LEASE NOTE: Liability and Dan	PLEASE NOTE: Liability and Demages. Cardnel's liability and clearls exclusive remedy for any claim arising whatter based in contract or but shall be limited to the amount paid by the clean for the	y claim and	sing whether based in contract	or lori, shall be limited to t	the amount paid b	y the client for th	io .										

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Date: Time:

Sample Condition

CHECKED BY:

Received By:

Phone Result: Fax Result: REMARKS:

□ Yes

□ No

Relinquished By:

#### **Kathy Purvis**

From: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>

Sent: Wednesday, October 15, 2014 11:11 AM

**To:** Cliff P. Brunson

**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis; jamos@blm.gov

**Subject:** RE: OXY - Manda B Tract C Tank Battery - Remediation Plan

Aloha Mr. Brunson et al,

Thank you for sending in this final document. Please consider this the OCD notice of receipt.

Based on the samples provided OCD grants conditional approval. The condition is that BLM approves the plan in addition to OCD. Please keep us informed as the situation warrants.

Mahalo

-Doc

Tomáš 'Doc' Oberding, PhD
Environmental Specialist – New Mexico Oil Conservation Division
Energy, Minerals and Natural Resources Department
1625 N. French Dr.
Hobbs, NM 88240
(O): (575) 393-6161 ext 111

(C): 575-370-3180 (F): (575) 393-0720

E-Mail: tomas.oberding@state.nm.us

Website: http://www.emnrd.state.nm.us/ocd/

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Tuesday, October 14, 2014 7:14 PM

To: Oberding, Tomas, EMNRD

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis Subject: OXY - Manda B Tract C Tank Battery - Remediation Plan

Tomas,

This e-mail is to confirm our conversation on September 19, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will excavate to a depth of 3 feet in the entire leak area as depicted on the attached site diagram. The site will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:

1