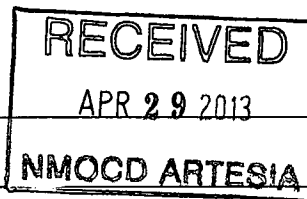


Closure Report



Site Description	
Site Name:	Big Walt CTB
Company:	Oxy Permian Ltd.
Legal Description:	U/L H, Section 2, T22S, R24E
County:	Eddy County, NM
GPS Coordinates:	N 32.42289° W 104.46129°

Release Data	
Date of Release:	11/12/2012
Type of Release:	Oil and Produced water
Source of Release:	Failure in fire tube on west heater treater
Volume of Release:	4 bbls oil and 10 bbls produced water
Volume Recovered:	0 bbls

Remediation Specifications	
Remediation Parameters:	Excavate 2' across the entire impacted area. Backfill the excavation site with clean soil. Re-build berm areas as needed and re-seed the site with the appropriate BLM seed mixture.
Remediation Activities:	03/21/2013 to 04/17/2013

Plan Sent to OCD:	12/17/2012	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	01/15/2013	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	01/23/2013	Email from Cliff Brunson to Terry Gregston
BLM Approval of Plan:	01/30/2013	Email from Terry Gregston to Cliff Brunson

Supporting Documentation	
Initial C-141	Signed 11/26/2012
Final C-141	Signed 04/25/2013
Site Diagram	November 2012
Groundwater Plot	50'-100'
TOPO Maps	November 2012
Lab Summary	11/28/2012
Lab Analysis	11/28/2012
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.	04/25/2013

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Big Walt CTB	Facility Type	Gathering

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

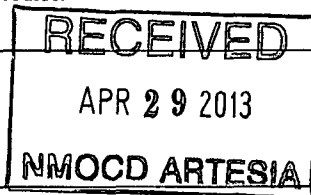
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	2	22S	24E					Eddy County, NM

Latitude N 32.42289° Longitude W 104.46129°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	10 bbls of water and 4 bbls of oil	Volume Recovered	0 bbls
Source of Release	Failure in fire tube on west heater treater	Date and Hour of Occurrence	11/12/2012	Date and Hour of Discovery	11/12/2012
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher-NMOCD and Terry Gregston-BLM		
By Whom?	Christopher Jones	Date and Hour	11/14/2012 @ 8:50 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*



Describe Cause of Problem and Remedial Action Taken.*

The failure of a fire tube on the west heater treater caused 10 bbls of produced water and 4 bbls of oil to leak inside the firewall. 0 bbls were recovered. The tube was repaired to prevent further leaking.

Describe Area Affected and Cleanup Action Taken.*

The area affected was approximately 35' x 45'. Remediation will be performed in accordance with NMOCD-approved and BLM-approved remediation plans.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Christopher Jones	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Christopher.Jones@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 11-26-12	Phone: (575) 628-4121		

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Big Walt CTB	Facility Type	Gathering
Surface Owner	Mineral Owner	Lease No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	2	22S	24E					Eddy County, NM

Latitude N 32.42289° Longitude W 104.46129°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	10 bbls of water and 4 bbls of oil	Volume Recovered	0 bbls
Source of Release	Failure in fire tube on west heater treater	Date and Hour of Occurrence	11/12/2012	Date and Hour of Discovery	11/12/2012
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher-NMOCD and Terry Gregston-BLM		
By Whom?	Christopher Jones	Date and Hour	11/14/2012 @ 8:50 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse			

RECEIVED

APR 29 2013

NMOCD ARTESIA

If a Watercourse was impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

The failure of a fire tube on the west heater treater caused 10 bbls of produced water and 4 bbls of oil to leak inside the firewall. 0 bbls were recovered. The tube was repaired to prevent further leaking.

Describe Area Affected and Cleanup Action Taken.*

The area affected was approximately 35' x 45'. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD via email on 01/15/2013 and approved by Terry Gregston of BLM via email on 01/30/2013.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

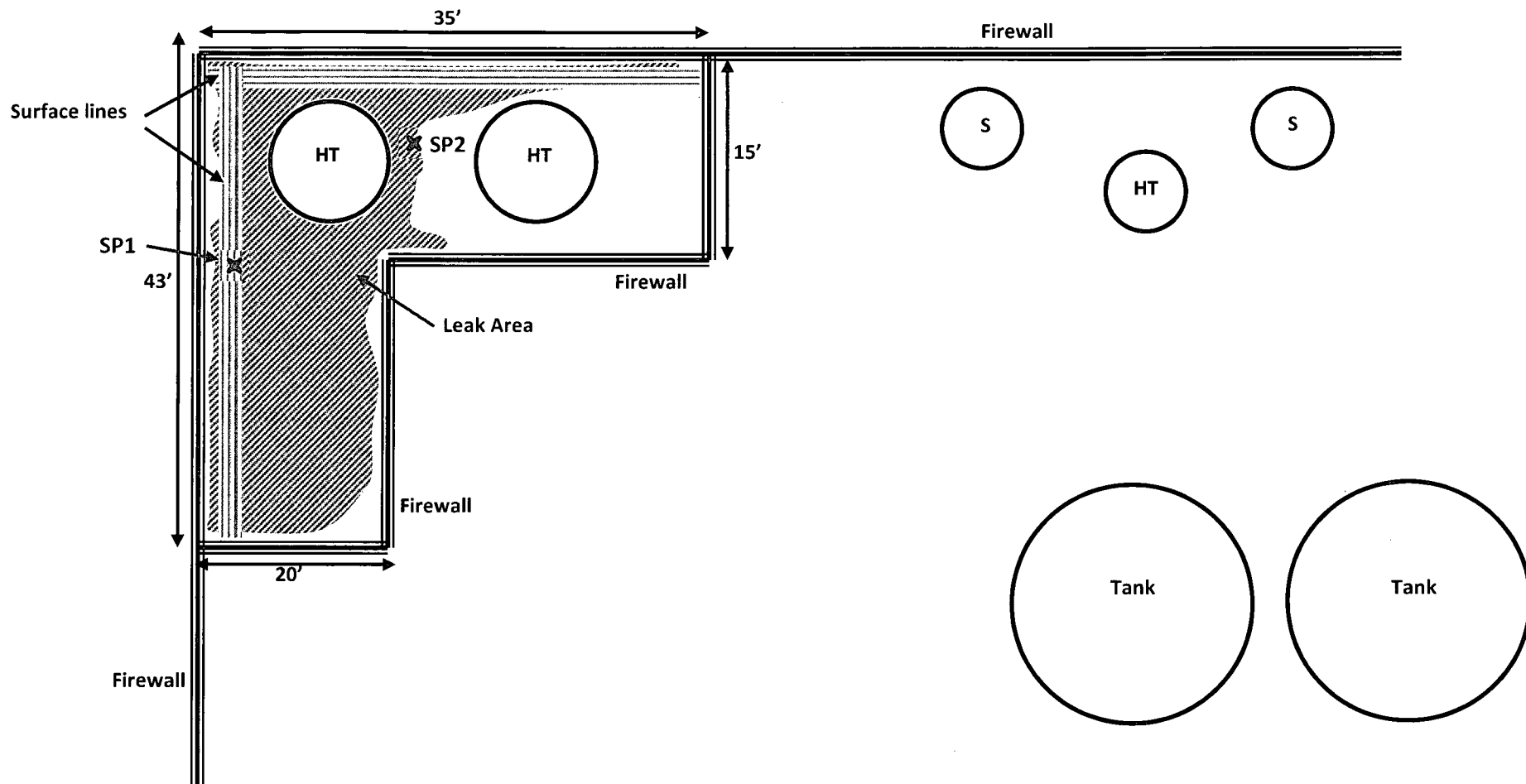
OIL CONSERVATION DIVISION

Signature:	Approved by District Supervisor:		
Printed Name: Chris Jones	Approval Date:	Expiration Date:	
Title: HES Specialist	Conditions of Approval:		Attached <input type="checkbox"/>
E-mail Address: Christopher.Jones@oxy.com			
Date: 4/25/13	Phone: (575) 628-4121		

* Attach Additional Sheets If Necessary



Oxy
Big Walt CTB



U/L H, Section 2, T22S, R24E
Eddy County, NM
N 32.42289° W 104.46129°

BBC International, Inc.

Oxy
Big Walt CTB

Date: 11/19/12	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2012

Groundwater Plot

Oxy Big Walt CTB

County
Eddy

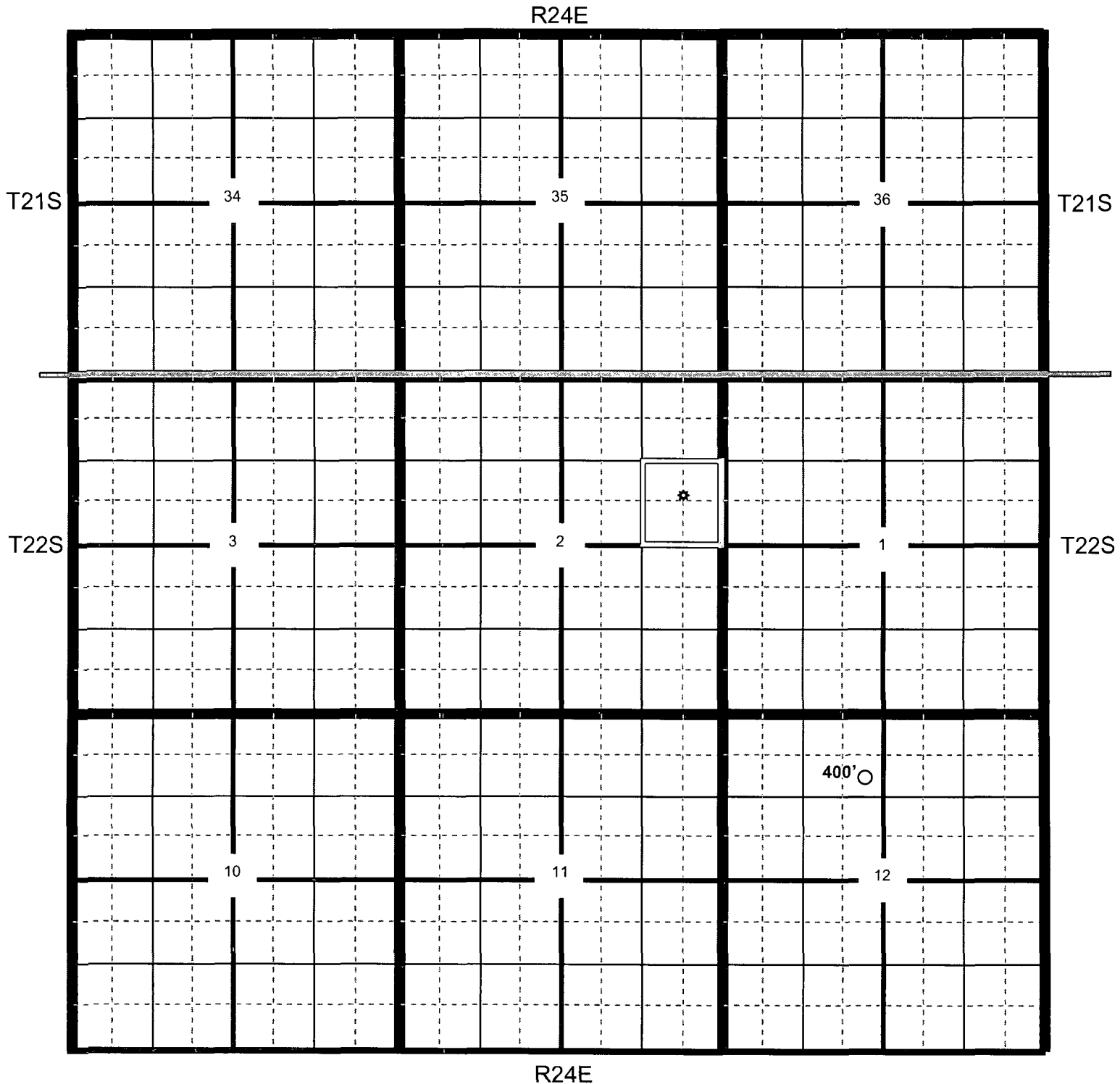
Unit Letter
H

Section
2

Township
22S

Range
24E

Trend Map 50'-100'



★ Location

○ OCD

○ USGS

○ SEO

● All Databases

Section Quarters

Oxy Big Walt CTB

County Eddy Unit Letter H Section 2 Township 22S Range 24E

Trend Map 50'-100'

1

2

NW/NW None	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

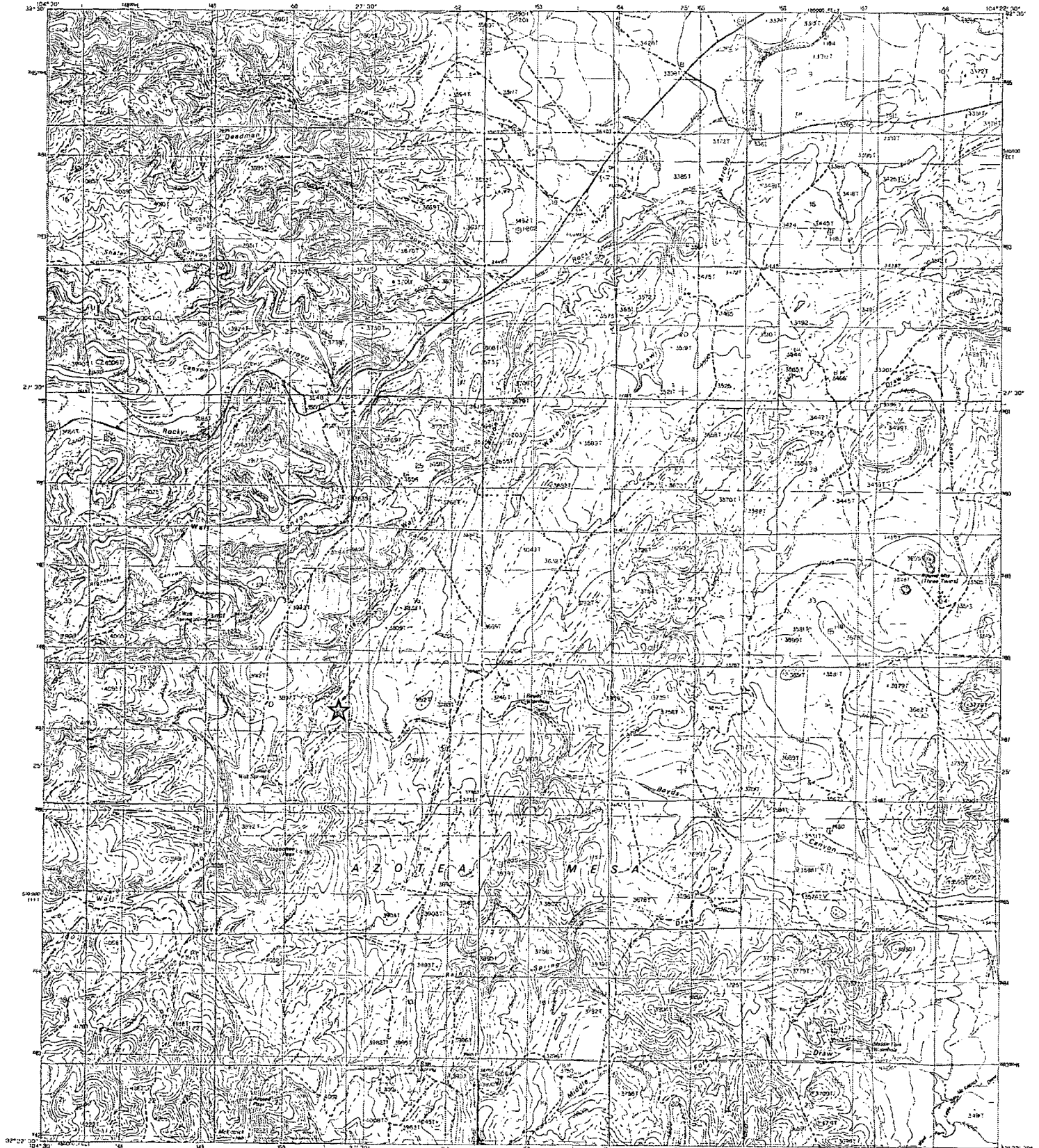
4

Oxy

Big Walt CTB

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AZOTEA PEAK QUADRANGLE
NEW MEXICO-EDDY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:21 000

CONTOUR INTERVAL 20 FEET

PROVISIONAL MAP
Produced from original
manuscript drawings. Information
shown as of date of
field check.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 20192

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route
U.S. Route
State Route

AZOTEA PEAK, NEW MEXICO
PROVISIONAL EDITION 1985
12104-D4-17-424

**Laboratory Analytical Results Summary
Big Walt CTB**

		Sample	SP1 @ 6"	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	11/28/12	11/28/12	11/28/12
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.200	<0.050
Toluene	BTEX 8021B		9.48	1.1	0.132
Ethylbenzene	BTEX 8021B		4.89	1.59	0.12
Total Xylenes	BTEX 8021B		40.5	10.9	0.74
Total BTEX	BTEX 8021B		54.9	13.6	0.992
Chloride	SM4500Cl-B		112	96	64
GRO	TPH 8015M		1400	389	10.2
DRO	TPH 8015M		8520	5470	277

		Sample	SP2 @ 6"	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	11/28/12	11/28/12	11/28/12	11/28/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		2.61	0.598	<0.050	<0.050
Toluene	BTEX 8021B		27.9	5.94	0.09	<0.050
Ethylbenzene	BTEX 8021B		9.49	3.4	0.063	0.114
Total Xylenes	BTEX 8021B		104	34.3	0.394	0.179
Total BTEX	BTEX 8021B		144	44.2	0.547	<0.300
Chloride	SM4500Cl-B		112	96	48	64
GRO	TPH 8015M		3440	1080	11.7	<10.0
DRO	TPH 8015M		14400	6750	277	167



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 04, 2012

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: BIG WALT CTB

Enclosed are the results of analyses for samples received by the laboratory on 11/28/12 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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)

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

 Received: 11/28/2012
 Reported: 12/04/2012
 Project Name: BIG WALT CTB
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 11/28/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 6" (H202870-01)

BTEX 8021B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/30/2012	ND	1.86	93.2	2.00	20.5	
Toluene*	9.48	0.500	11/30/2012	ND	1.99	99.5	2.00	20.6	
Ethylbenzene*	4.89	0.500	11/30/2012	ND	1.93	96.6	2.00	20.8	
Total Xylenes*	40.5	1.50	11/30/2012	ND	5.94	99.0	6.00	20.3	
Total BTEX	54.9	3.00	11/30/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 190 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/30/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1400	50.0	11/29/2012	ND	193	96.4	200	1.70	
DRO >C10-C28	8520	50.0	11/29/2012	ND	208	104	200	1.70	


Surrogate: 1-Chlorooctane 178 % 65.2-140

Surrogate: 1-Chlorooctadecane 249 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

 Received: 11/28/2012
 Reported: 12/04/2012
 Project Name: BIG WALT CTB
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 11/28/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1' (H202870-02)

BTX 8021B		mg/kg	Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/30/2012	ND	1.86	93.2	2.00	20.5	
Toluene*	1.10	0.200	11/30/2012	ND	1.99	99.5	2.00	20.6	
Ethylbenzene*	1.59	0.200	11/30/2012	ND	1.93	96.6	2.00	20.8	
Total Xylenes*	10.9	0.600	11/30/2012	ND	5.94	99.0	6.00	20.3	
Total BTX	13.6	1.20	11/30/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 239 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/30/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	389	50.0	11/29/2012	ND	193	96.4	200	1.70	
DRO >C10-C28	5470	50.0	11/29/2012	ND	208	104	200	1.70	

Surrogate: 1-Chlorooctane 125 % 65.2-140

Surrogate: 1-Chlorooctadecane 150 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (505) 397-0397

Received: 11/28/2012
Reported: 12/04/2012
Project Name: BIG WALT CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 11/28/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 2' (H202870-03)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2012	ND	1.86	93.2	2.00	20.5	
Toluene*	0.132	0.050	11/30/2012	ND	1.99	99.5	2.00	20.6	
Ethylbenzene*	0.120	0.050	11/30/2012	ND	1.93	96.6	2.00	20.8	
Total Xylenes*	0.740	0.150	11/30/2012	ND	5.94	99.0	6.00	20.3	
Total BTEX	0.992	0.300	11/30/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 169 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/30/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	10.2	10.0	11/29/2012	ND	193	96.4	200	1.70	
DRO >C10-C28	277	10.0	11/29/2012	ND	208	104	200	1.70	

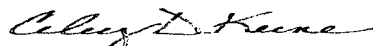
Surrogate: 1-Chlorooctane 86.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 100 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (505) 397-0397

Received: 11/28/2012
Reported: 12/04/2012
Project Name: BIG WALT CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 11/28/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 6" (H202870-04)

BTEX 8021B		mg/kg	Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.61	1.00	11/30/2012	ND	1.86	93.2	2.00	20.5	
Toluene*	27.9	1.00	11/30/2012	ND	1.99	99.5	2.00	20.6	
Ethylbenzene*	9.49	1.00	11/30/2012	ND	1.93	96.6	2.00	20.8	
Total Xylenes*	104	3.00	11/30/2012	ND	5.94	99.0	6.00	20.3	
Total BTEX	144	6.00	11/30/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 172 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/30/2012	ND	400	100	400	0.00	
TPH 8015M									

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3440	50.0	11/29/2012	ND	193	96.4	200	1.70	
DRO >C10-C28	14400	50.0	11/29/2012	ND	208	104	200	1.70	

Surrogate: 1-Chlorooctane 207 % 65.2-140

Surrogate: 1-Chlorooctadecane 334 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

 Received: 11/28/2012
 Reported: 12/04/2012
 Project Name: BIG WALT CTB
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 11/28/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ 1' (H202870-05)

BTEX 8021B		mg/kg	Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.598	0.200	11/30/2012	ND	1.86	93.2	2.00	20.5	
Toluene*	5.94	0.200	11/30/2012	ND	1.99	99.5	2.00	20.6	
Ethylbenzene*	3.40	0.200	11/30/2012	ND	1.93	96.6	2.00	20.8	
Total Xylenes*	34.3	0.600	11/30/2012	ND	5.94	99.0	6.00	20.3	
Total BTEX	44.2	1.20	11/30/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 246 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/30/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1080	50.0	11/29/2012	ND	193	96.4	200	1.70	
DRO >C10-C28	6750	50.0	11/29/2012	ND	208	104	200	1.70	

Surrogate: 1-Chlorooctane 168 % 65.2-140

Surrogate: 1-Chlorooctadecane 214 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

 Received: 11/28/2012
 Reported: 12/04/2012
 Project Name: BIG WALT CTB
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 11/28/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ 2' (H202870-06)

BTEX 8021B	mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2012	ND	1.86	93.2	2.00	20.5	
Toluene*	0.090	0.050	11/30/2012	ND	1.99	99.5	2.00	20.6	
Ethylbenzene*	0.063	0.050	11/30/2012	ND	1.93	96.6	2.00	20.8	
Total Xylenes*	0.394	0.150	11/30/2012	ND	5.94	99.0	6.00	20.3	
Total BTEX	0.547	0.300	11/30/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 145 % 89.4-126

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/30/2012	ND	400	100	400	0.00	

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	11.7	10.0	11/29/2012	ND	193	96.4	200	1.70	
DRO >C10-C28	277	10.0	11/29/2012	ND	208	104	200	1.70	

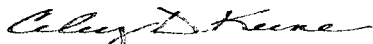
Surrogate: 1-Chlorooctane 84.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.8 % 63.6-154

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (505) 397-0397

Received: 11/28/2012
Reported: 12/04/2012
Project Name: BIG WALT CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 11/28/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 3' (H202870-07)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/03/2012	ND	1.70	85.0	2.00	1.22	
Toluene*	<0.050	0.050	12/03/2012	ND	1.91	95.3	2.00	2.78	
Ethylbenzene*	0.114	0.050	12/03/2012	ND	1.87	93.3	2.00	3.28	
Total Xylenes*	0.179	0.150	12/03/2012	ND	5.70	95.0	6.00	3.24	
Total BTEX	<0.300	0.300	12/03/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 136 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/30/2012	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/29/2012	ND	193	96.4	200	1.70	
DRO >C10-C28	167	10.0	11/29/2012	ND	208	104	200	1.70	

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/29/2012	ND	193	96.4	200	1.70	
DRO >C10-C28	167	10.0	11/29/2012	ND	208	104	200	1.70	

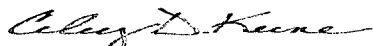
Surrogate: 1-Chlorooctane 88.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.0 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

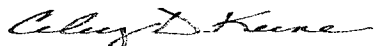
Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

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*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of

[illegible]

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

Kathy Purvis

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Tuesday, January 15, 2013 9:01 AM
To: Cliff P. Brunson
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: Oxy Big Walt Central Tank Battery

Reference: OXY USA * Big Walt CTB (Big Walt 2 St 8) * 30-015-33315 * H-2-22s-24e * Eddy County, New Mexico
NMOCD Reference Number: 2RP-1425 * Date of release: 11/12/12

Cliff,

Your proposal for remediation of the above referenced release is approved. The site is situated on Federal surface and may require like approval from BLM.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, please contact me.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Monday, December 17, 2012 6:49 PM
To: Bratcher, Mike, EMNRD
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy Big Walt Central Tank Battery

Mike,

This e-mail is to confirm our discussion on December 17, 2012 concerning the remediation plan for the release that occurred at the Oxy Big Walt Central Tank Battery. I have attached the site drawing and the summary of the laboratory data we reviewed during our discussion for your files. As agreed, Oxy will excavate 2 feet across the entire impacted portion of the site as depicted on the attached site diagram. The excavation will then be backfilled with clean soil. The depth to groundwater in this area is approximately 75-100 feet.

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

Oxy and I thank you for your assistance in handling this matter.

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:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com

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Kathy Purvis

From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Wednesday, January 30, 2013 4:03 PM
To: Kathy Purvis
Subject: FW: Undesirable Event: NU13027TG, Big Walt Central Tank Battery: cleanup plan approval stips

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
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Shipping Address:
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From: Terry Gregston <tgregsto@blm.gov>
Date: Wednesday, January 30, 2013 3:56 PM
To: James Amos <jamos@blm.gov>, Chris Jones <Christopher_Jones@oxy.com>, Ken Swinney <kswinney@bbcinternational.com>, Mike Bratcher <mike.bratcher@state.nm.us>, Cliff Brunson <cbrunson@bbcinternational.com>
Subject: Undesirable Event: NU13027TG, Big Walt Central Tank Battery: cleanup plan approval stips

Gentlemen,

This notification is in regard to the following location and undesirable event:

Event Number: NU13027TG
Event Date: 11/12/2012
Event Name: Big Walt Central Tank Battery
Legals: T22S/R24E, sec. 2, SENE

The submitted cleanup plan for the above location is approved with the following conditions of approval:

Notification Stipulations:

- 1. A copy of the cleanup plan and conditions of approval must be given to the contractor or site work personnel and be present on the location during all cleanup operations.**
- 2. The authorized officer must be notified at the following phases of cleanup or conditions:**
 - a. Prior to moving equipment on location for cleanup

- b. When the excavation is nearing completion and a BLM inspection of the excavation or witnessing of sampling is required by the cleanup plan COA's.
 - c. When the cleanup work is nearing completion and to schedule a final onsite prior to removal of equipment.
 - d. Three days before the site is seeded.
 - e. Any time that a variance of the approved plan or conditions of approval is required.
3. The authorized officer on this undesirable event case is:

Terry Gregston
(575) 361-2635
tgregsto@blm.gov

Facility Cleanup Stipulations:

Unlined facility:

1. The BLM requires horizontal cleanup of the spill impacted areas in addition to vertical cleanup/mitigation measures. In this case, the location is still a working tank battery location. As such, excavation depths in portions of the spill area in close proximity to standing production equipment may be limited due to safety concerns. In such cases, the cleanup measures will be considered a temporary spill abatement measure that will be further mitigated upon the abandonment of the well/facility location. Appropriate notations to that effect will be entered in the well file.
2. Cleanup will include removal of any contaminated berm materials and/or unsuitable berm materials such as sandy soils, gravels, or cobblestones. Tank battery berms should be built of compactable caliche that is capable of fluid containment.
3. The BLM may wish to inspect the excavation once it reaches cleanup depth/width. Confirmation samples of excavation sidewalls and any visibly affected areas outside of the excavation trench will be required; the BLM may witness the sampling. Contact the authorized officer to schedule.
4. Lab analysis of the confirmation sampling must be forwarded to the authorized officer for final approval before backfilling. Based on the sampling results, additional cleanup may be required or the site may be approved for closure.
5. Once final approval of cleanup is given, the excavation can be backfilled with compactable caliche to the level of the original native contour plus enough loft to accommodate the settling and compaction of unconsolidated fill soils.
6. Install secondary containment berms of good quality compactable caliche around existing production equipment and the pad to prevent future spills from being released off the facility location.
7. Restore, recontour, and reseed any pasture disturbances that were created during the cleanup operations.

Other Stipulations:

1. At the time of the final onsite for this location, the production facilities, well pad, access road, and the surrounding pasture areas must be in a condition that will pass a routine inspection.
2. All household trash, debris, disconnected pipe and equipment must be removed from the area and the surrounding pasture and hauled to an authorized landfill. Do not bury cleanup trash, equipment debris, or household garbage in the cleanup excavation.

BLM approval of this proposal does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health, or the environment, or if the location fails to reclaim properly. In such an event that location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws/regulations.

Thank you for your attention to this matter,

Terry Gregston
Environmental Protection Specialist
Bureau of Land Management
620 E. Greene St.
Carlsbad, NM 88220

Office (575) 234-5958
Cell (575) 361-2635
Fax (575) 234-5927

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