

Closure Report

Site Description

Site Name:	State 27 #1 CTB
Company:	Oxy Permian Ltd.
Legal Description:	U/L D, Section 27, T24S, R29E
County:	Eddy County, NM
GPS Coordinates:	N 32.19653° W 103.98573°

Release Data

Date of Release:	01/06/2014
Type of Release:	Produced water
Source of Release:	Leak in 3" poly line
Volume of Release:	122 bbls
Volume Recovered:	120 bbls

Remediation Specifications

Remediation Parameters:	Hand excavate the entire leak area to a depth of 3'-5' depending on the depth of the buried lines. Once excavation to a depth below the buried lines is completed, a clay liner will be installed to create an impermeable barrier. The silt will then be backfilled with clean soil.	
Remediation Activities:	10/02/2015 to 11/04/2015	
Plan Sent to OCD:	03/13/2014	Meeting- Cliff Brunson & Mike Bratcher
OCD Approval of Plan:	03/13/2014	Meeting- Cliff Brunson & Mike Bratcher
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

Supporting Documentation

Initial C-141	Signed 01/15/2014
Final C-141	Signed 11/20/2015
Site Diagram	January 2014
Groundwater Plot	75'-100'
TOPO Maps	January 2014
Lab Summary	02/11/2014
Lab Analysis	02/11/2014
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.

12/02/2015

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
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 August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	Chancey Summers
Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	State 27 #1 CTB	Facility Type	Gathering
Surface Owner	Mineral Owner	API No.	

LOCATION OF RELEASE

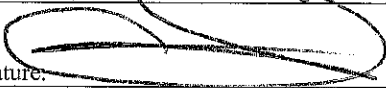
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	27	24S	29E					Eddy County, NM

Latitude N 32.19473° Longitude W 103.97987°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	122 bbls	Volume Recovered	120 bbls
Source of Release	3 inch poly gas/water line from the facility to the main gas gathering system leaked	Date and Hour of Occurrence	01/06/2014	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher-NMOCD		
By Whom?	Kathy Purvis	Date and Hour	01/09/2014		
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.*					
A leak in the 3 inch poly gas/water line from the facility to the main gas gathering system caused 122 bbls of produced water to spill onto the ground. 120 bbls of produced water were recovered via vacuum truck and the line was repaired or replaced.					
Describe Area Affected and Cleanup Action Taken.*					
The affected area is approximately 5' x 100'. Remediation will be completed in accordance with a remediation plan approved by NMOCD.					

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: 	OIL CONSERVATION DIVISION		
Printed Name: Chancey Summers	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 1-15-14	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary

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1625 N. French Dr., Hobbs, NM 88240
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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.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	Dusty Wilson
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(432) 685-5771
Facility Name	State 27 #1 CTB	Facility Type	Gathering
Surface Owner	State	Mineral Owner	API No. 30-015-29374

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	27	24S	29E					Eddy County, NM

Latitude N 32.19473° Longitude W 103.97987°

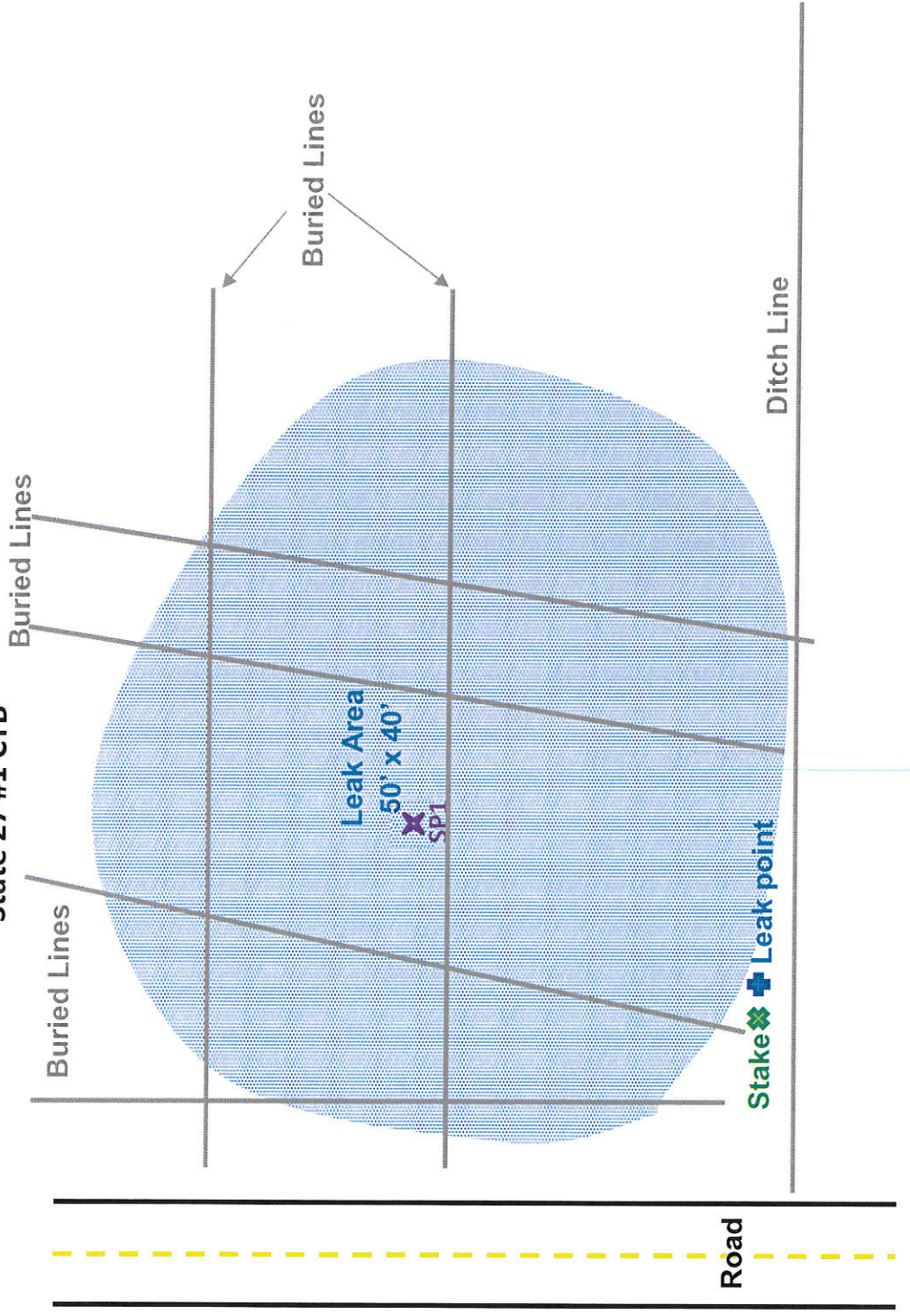
NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	122 bbls	Volume Recovered	120 bbls
Source of Release	3 inch poly gas/water line from the facility to the main gas gathering system leaked	Date and Hour of Occurrence	01/06/2014	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher-NMOCD		
By Whom?	Kathy Purvis	Date and Hour	01/09/2014		
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.*					
A leak in the 3 inch poly gas/water line from the facility to the main gas gathering system caused 122 bbls of produced water to spill onto the ground. 120 bbls of produced water were recovered via vacuum truck and the line was repaired or replaced.					
Describe Area Affected and Cleanup Action Taken.*					
The affected area is approximately 5' x 100'. Remediation was completed in accordance with a remediation plan approved by Mike Bratcher of NMOCD on 03/14/2015.					
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:	OIL CONSERVATION DIVISION				
Printed Name:	Dusty Wilson	Approved by Environmental Specialist:			
Title:	Environmental Advisor	Approval Date:	Expiration Date:		
E-mail Address:	Dusty.Wilson@oxy.com	Conditions of Approval:			Attached <input type="checkbox"/>
Date:	11/20/15	Phone:	(432) 685-5771		

* Attach Additional Sheets If Necessary



Oxy
State 27 #1 CTB



U/L D, Section 27, T24S, R29E
Eddy County, NM
GPS at stake: N 32.19653° W 103.98573°

BBC International, Inc.	
Oxy	
State 27 #1 CTB	
Date: 01/21/2014	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2014



Groundwater Plot

Oxy State 27 #1 CTB

County
Eddy

Unit Letter
D

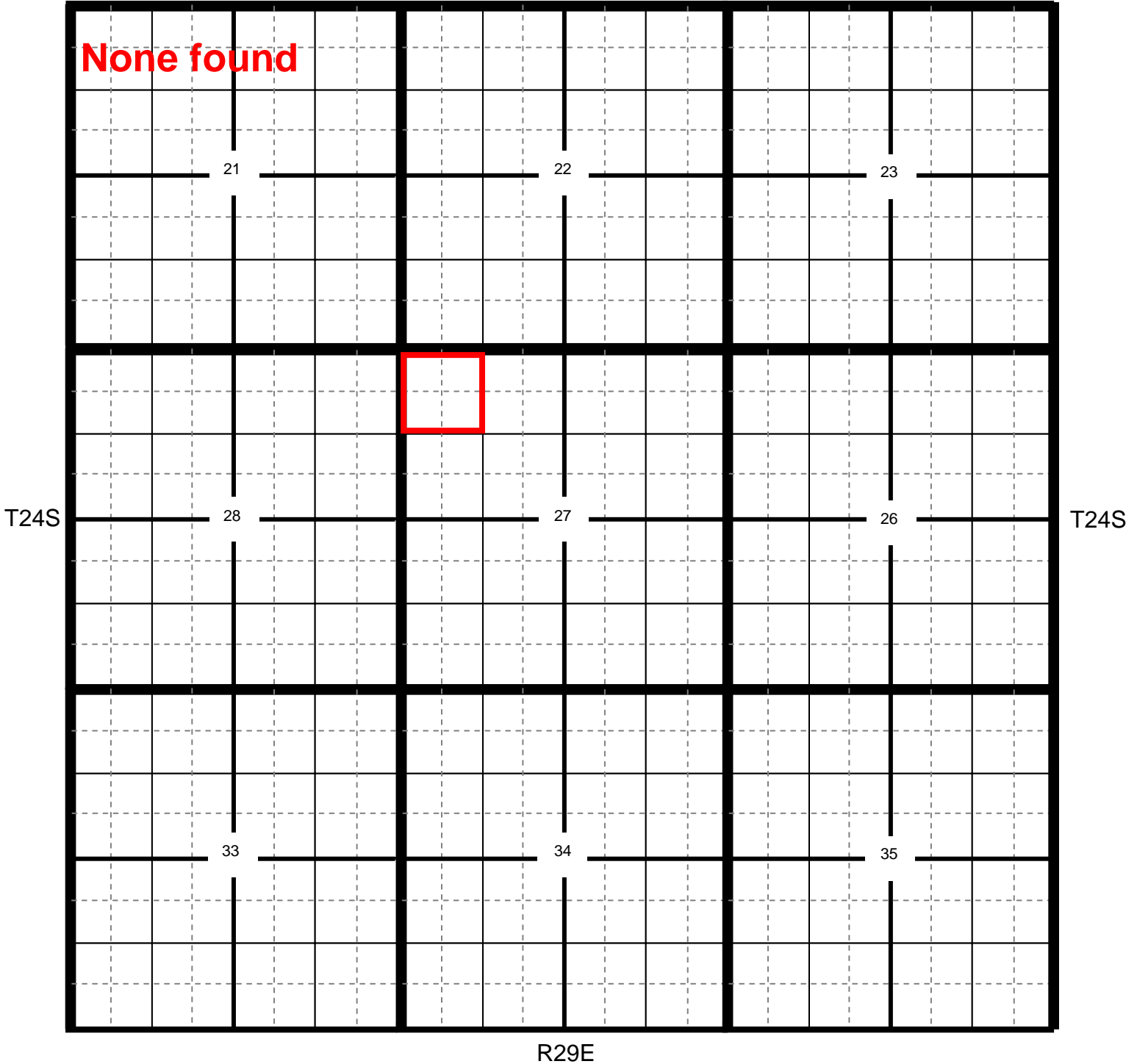
Section
27

Township
24S

Range
29E

Trend Map 75'-100'

R29E



📍 Location

● OCD

● USGS

● SEO

● All Databases

Oxy State 27 #1 CTB

County Eddy Unit Letter D Section 27 Township 24S Range 29E

Trend Map 75'-100'

1

2

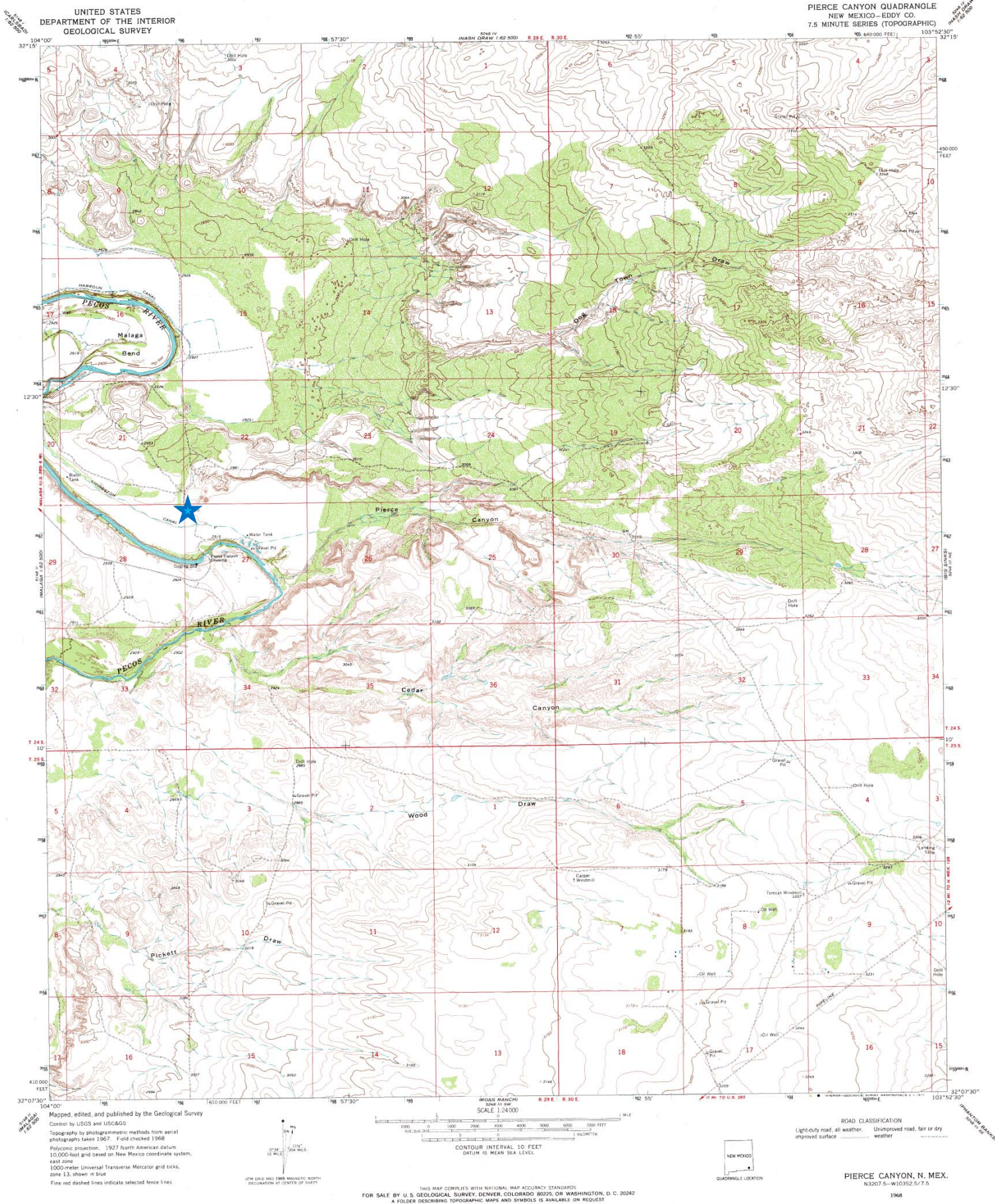
NW/NW Unit Letter D	NE/NW Unit Letter C	NW/NE None found	NE/NE Unit Letter A
SW/NW Unit Letter E	SE/NW Unit Letter F	SW/NE Unit Letter G	SE/NE Unit Letter H
NW/SW Unit Letter L	NE/SW Unit Letter K	NW/SE Unit Letter J	NE/SE Unit Letter I
SW/SW Unit Letter M	SE/SW Unit Letter N	SW/SE Unit Letter O	SE/SE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

3

4

Oxy

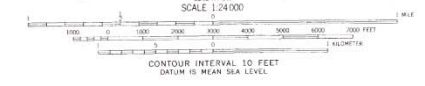
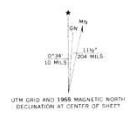
State 27 #1 CTB



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

PIERCE CANYON QUADRANGLE
NEW MEXICO—EDDY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Maped, edited, and published by the Geological Survey
Control by USDS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1967. Field checked 1968.
Polyconic projection. 1927 North American datum.
10,000-foot grid based on New Mexico coordinate system,
east zone
1,000-meter Universal Transverse Mercator grid ticks,
zone 13, shown in blue
Fine red dashed lines indicate selected fence lines



ROAD CLASSIFICATION
Light-duty road, all weather. Unimproved road, fair or dry
unimproved surface weather

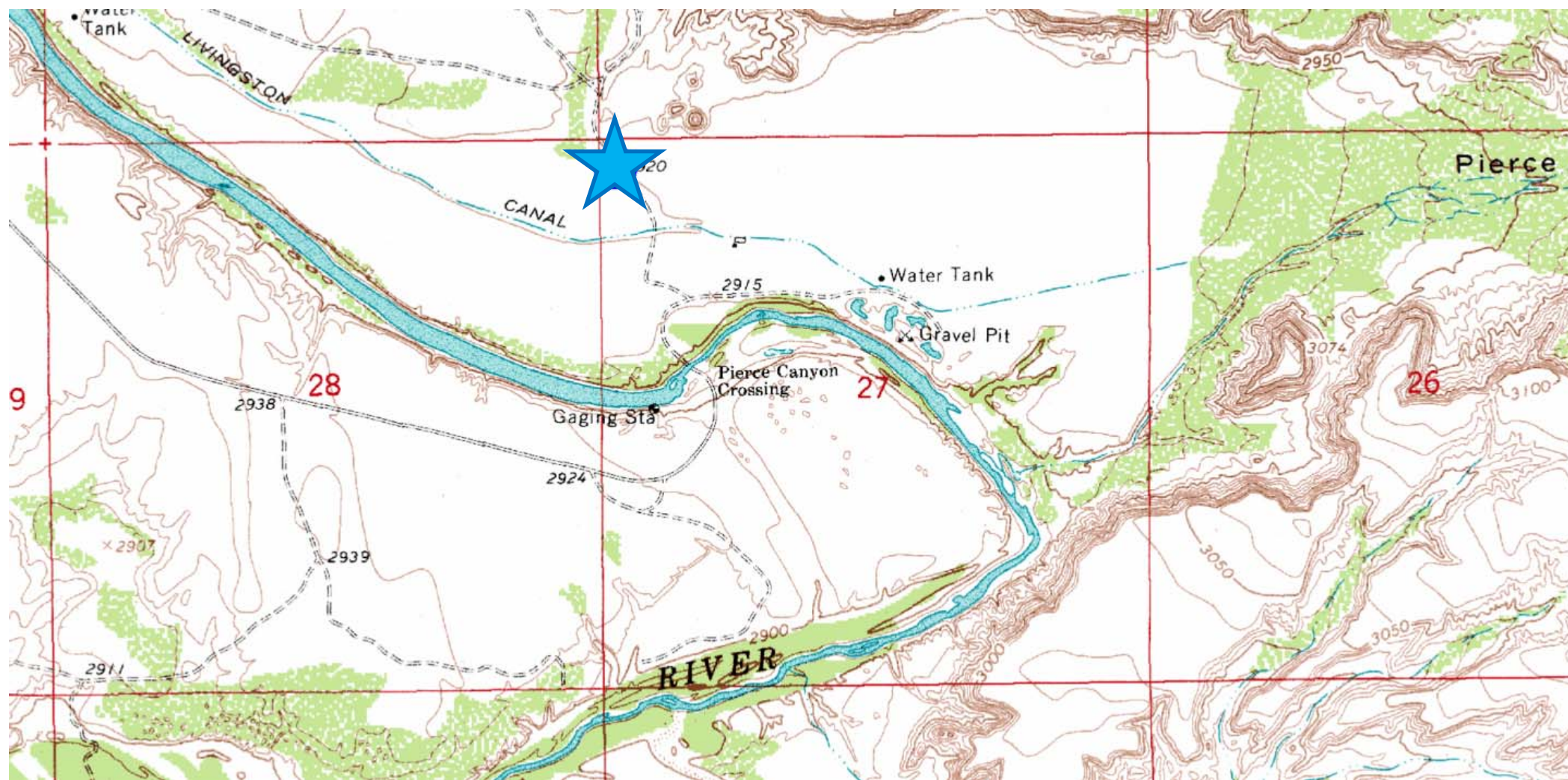


THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

PIERCE CANYON, N. MEX.
N3207.5—W10352.5/7.5
1968
AMS 5246 III NV—SERIES V881

Oxy

State 27 #1 CTB



**Laboratory Analytical Results Summary
State 27 #1 CTB**

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'	SP1 @ 7'	SP1 @ 9'	SP1 @ 10'
Analyte	Method	Date	2/11/14	2/11/14	2/11/14	2/11/14	2/11/14	2/11/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	<0.050	<0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	0.098	<0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	0.454	<0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	0.873	<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	1.43	<0.300	n/a	n/a	n/a
Chloride	SM4500Cl-B		11200	7500	6500	1580	1060	1140
GRO	TPH 8015M		n/a	<50.0	<10.0	n/a	n/a	n/a
DRO	TPH 8015M		n/a	717	<10.0	n/a	n/a	n/a

February 19, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STATE 27 #1

Enclosed are the results of analyses for samples received by the laboratory on 02/13/14 16:45.

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 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,



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:	02/13/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	STATE 27 #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 1' (H400442-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	02/19/2014	ND	416	104	400	3.92	

Sample ID: SP 1 @ 3' (H400442-02)

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	02/17/2014	ND	2.30	115	2.00	4.42		
Toluene*	0.098	0.050	02/17/2014	ND	2.26	113	2.00	3.72		
Ethylbenzene*	0.454	0.050	02/17/2014	ND	2.26	113	2.00	4.50		
Total Xylenes*	0.873	0.150	02/17/2014	ND	6.55	109	6.00	4.12		
Total BTEX	1.43	0.300	02/17/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 173 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7500	16.0	02/19/2014	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	02/14/2014	ND	193	96.6	200	1.28	
DRO >C10-C28	717	50.0	02/14/2014	ND	178	88.9	200	4.42	

Surrogate: 1-Chlorooctane 92.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 109 % 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: (575) 397-0397

Received:	02/13/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	STATE 27 #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 5' (H400442-03)

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	02/17/2014	ND	2.30	115	2.00	4.42	
Toluene*	<0.050	0.050	02/17/2014	ND	2.26	113	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/17/2014	ND	2.26	113	2.00	4.50	
Total Xylenes*	<0.150	0.150	02/17/2014	ND	6.55	109	6.00	4.12	
Total BTEX	<0.300	0.300	02/17/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 80.0 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6500	16.0	02/19/2014	ND	416	104	400	3.92	

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	02/14/2014	ND	193	96.6	200	1.28	
DRO >C10-C28	<10.0	10.0	02/14/2014	ND	178	88.9	200	4.42	

Surrogate: 1-Chlorooctane 96.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 109 % 63.6-154

Sample ID: SP 1 @ 7' (H400442-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	02/19/2014	ND	416	104	400	3.92	

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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: (575) 397-0397

 Received: 02/13/2014
 Reported: 02/19/2014
 Project Name: STATE 27 #1
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 02/12/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 9' (H400442-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	02/19/2014	ND	416	104	400	3.92	

Sample ID: SP 1 @ 10' (H400442-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	02/19/2014	ND	416	104	400	3.92	

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- 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 SM450Cl-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



Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

10/11

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST					
Project Manager: Cliff Brunson		Company:							
Address: P.O. Box 805		Attn:							
City: Hobbs		Address:							
Phone #: 575-397-6388		City: <i>same</i>							
Fax #: 575-397-0397		State:							
Project #: <i>St. 27 #1</i>		Zip:							
Project Location:		Phone #:							
Sampler Name:		Fax #:							
FOR LAB USE ONLY		PRESERV		SAMPLING					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	TPH	BTEX	CL-
<i>Hydro 42</i>	<i>SPI @ 1'</i>	<i>G</i>	<i>1</i>	GROUNDWATER	<i>2-11-14</i>	<i>135</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>2</i>	<i>G</i>	<i>1</i>	WASTEWATER	<i>2-11-14</i>	<i>215</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>3</i>	<i>G</i>	<i>1</i>	SOIL	<i>2-11-14</i>	<i>251</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>4</i>	<i>G</i>	<i>1</i>	OIL	<i>2-12-14</i>	<i>1010</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>5</i>	<i>G</i>	<i>1</i>	SLUDGE	<i>2-12-14</i>	<i>115</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	<i>6</i>	<i>G</i>	<i>1</i>	OTHER:	<i>2-12-14</i>	<i>138</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
				ACID/BASE:					
				ICE / COOL					
				OTHER:					

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising under this contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: *2-13-14* Time: *4:45*

Received By: *[Signature]* Date: _____ Time: _____

Delivered By: (Circle One) UPS Bus Other: *5:20*

Sample Condition: Cool Intact Yes No

Checked By: *[Signature]*

REMARKS:

Phone Result: Yes No Add'l Phone #: _____

Fax Result: Yes No Add'l Fax #: _____

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

Kathy Purvis

From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Thursday, March 13, 2014 6:33 PM
To: Mike Bratcher
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-State 27 #1 CTB-Remediation Plan
Attachments: Remediation Packet, State 27 #1 CTB.pdf

Mike,

This e-mail is to confirm our conversation of today (March 13, 2014) concerning the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will hand excavate the spill area to a depth of 3 to 5 feet depending upon the depth of the multiple buried lines in the spill area. The excavation will be to a depth below the lines so that a clay liner can be installed below the lines to create an impermeable barrier for further migration. The site will then be backfilled with clean soil.

If you would please reply via e-mail with your concurrence of this plan approval, 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:
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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