

# Closure Report

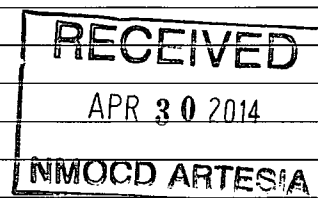
Site Description	
Site Name:	Cedar Canyon 28 Federal #2
Company:	Oxy Permian Ltd.
Legal Description:	U/L B, Section 28, T24S, R29E
County:	Eddy County, NM
GPS Coordinates:	N 32.19437° W 103.98731°

Release Data	
Date of Release:	12/07/2013
Type of Release:	Produced water
Source of Release:	A valve was left open on a frac tank
Volume of Release:	15 bbls
Volume Recovered:	0 bbls

Remediation Specifications	
Remediation Parameters:	Excavate across the entire leak site to a depth of 1 foot, then backfill the excavation with clean soil.
Remediation Activities:	04/11/5/2014 to 04/23/2014

Plan Sent to OCD:	03/08/2014	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	02/19/2014	Verbal approval in 02/19/2014 Meeting
Plan Sent to BLM:	03/08/2014	Email from Cliff Brunson to J. Van Curen
BLM Approval of Plan:	03/09/2014	Email from J. Van Curen to Cliff Brunson

Supporting Documentation	
Initial C-141	Signed 12/19/2013
Final C-141	Signed 04/29/2014
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.	04/29/2014

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	Cedar Canyon 28 Federal Com #2H	Facility Type	Well
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-41073

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	28	24S	29E	458	North	1980	East	Eddy County, NM

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release	Oil	Volume of Release	15 bbls	Volume Recovered	0 bbls
Source of Release	A valve was left open on a frac tank	Date and Hour of Occurrence	12/07/2013	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; Jennifer Van Curen- BLM		
By Whom?	Rachel McPherson	Date and Hour	12/10/2013 @ 9:18 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.*					
A valve on a frac tank was left open causing 15 bbls of oil to leak onto the ground. No fluids were recovered and the valve was closed.					
Describe Area Affected and Cleanup Action Taken.*					
The affected area is approximately 30' x 50' on location. Remediation will be completed in accordance with a remediation plan approved by NMOCD and the BLM.					
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: 		<b>OIL CONSERVATION DIVISION</b>			
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: 12-19-13		Phone: (575) 397-8216			

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
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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	Cedar Canyon 28 Federal Com #2H	Facility Type	Well
Surface Owner	BLM	Mineral Owner	API No. 30-015-41073

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	28	24S	29E	458	North	1980	East	Eddy County, NM

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release	Oil	Volume of Release	15 bbls	Volume Recovered	0 bbls
Source of Release	A valve was left open on a frac tank	Date and Hour of Occurrence	12/07/2013	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; Jennifer Van Curen- BLM		
By Whom?	Rachel McPherson	Date and Hour	12/10/2013 @ 9:18 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.\*

A valve on a frac tank was left open causing 15 bbls of oil to leak onto the ground. No fluids were recovered and the valve was closed.

Describe Area Affected and Cleanup Action Taken.\*

The affected area is approximately 30' x 50' on location. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD and approved by Jennifer Van Curen of the BLM via email on 03/09/2014.

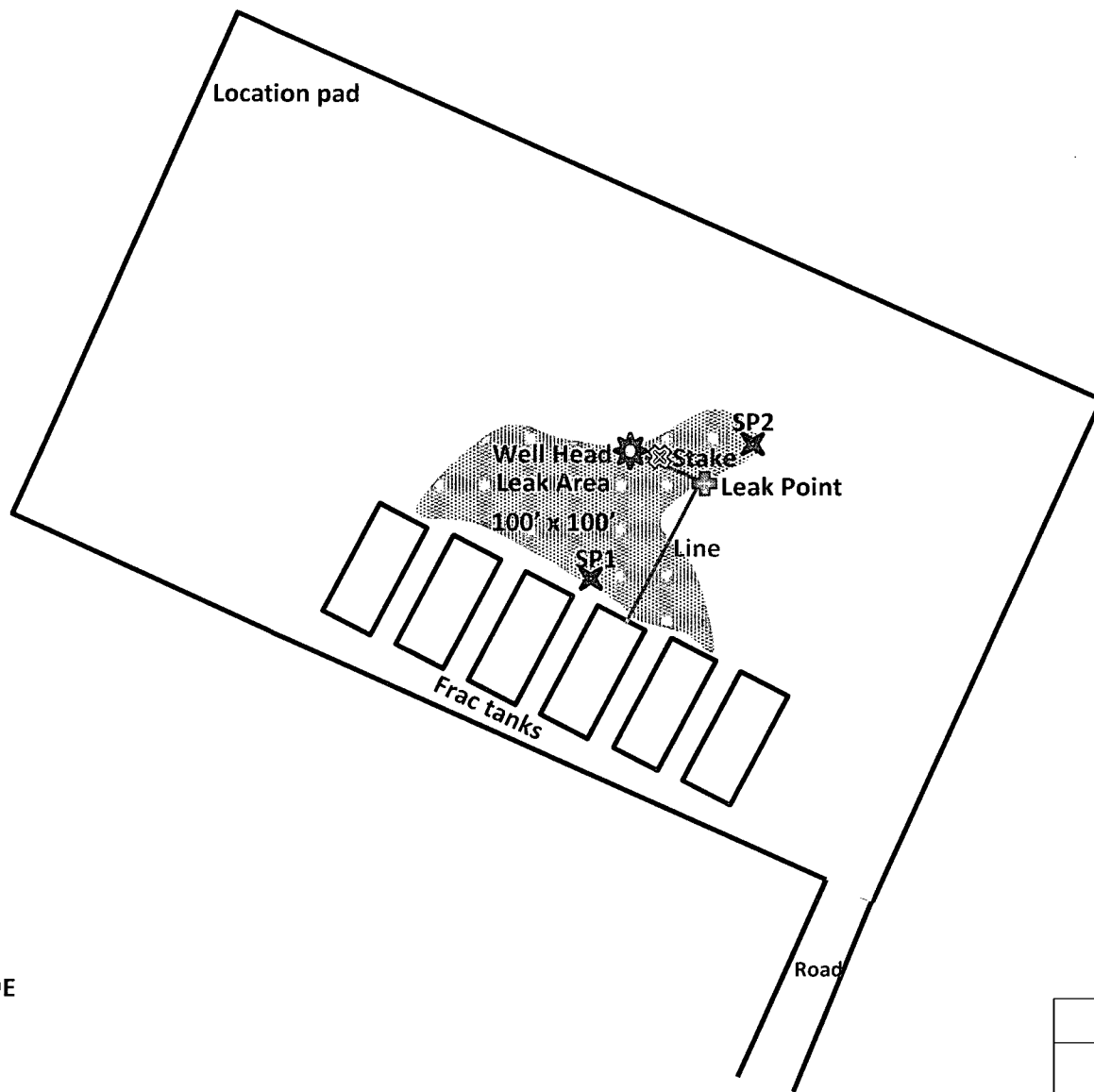
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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: 	<b>OIL CONSERVATION DIVISION</b>	
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: 4-25-14 Phone: (575) 397-8216		

\* Attach Additional Sheets If Necessary



Oxy  
Cedar Canyon 28 Federal #2



U/L B, Section 28, T24S, R29E  
458' FNL, 1980' FEL  
Eddy County, NM  
GPS at stake:  
N 32.19437° W 103.98731°  
API# 30-015-41073

BBC International, Inc.	
Oxy	
Cedar Canyon Federal #2	
Date: 01/06/2014	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013

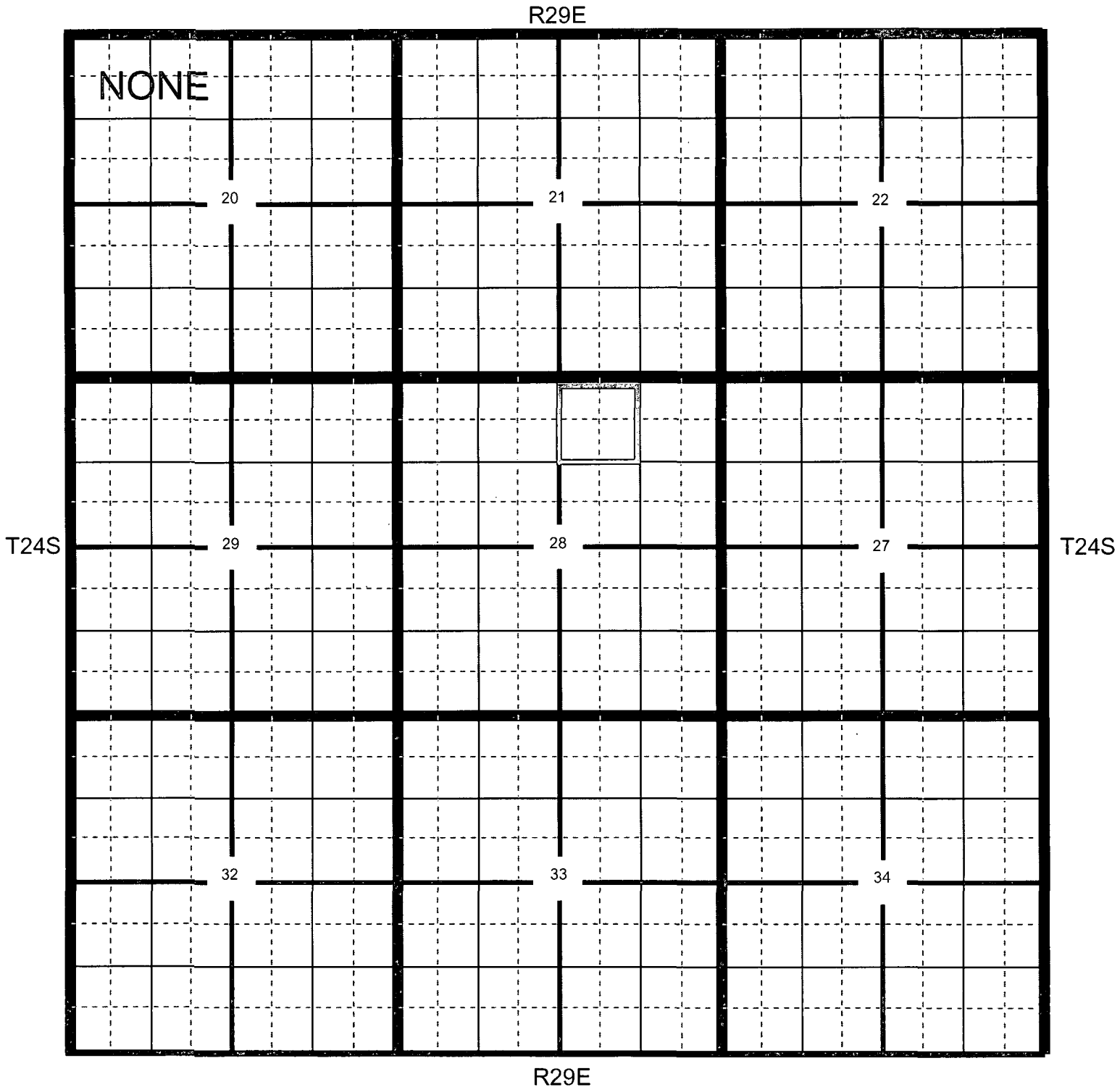


# Groundwater Plot

## Oxy Cedar Canyon 28 Federal #2

County	Unit Letter	Section	Township	Range
Eddy	B	28	24S	29E

Trend Map 75'-100'



Oxy Cedar Canyon 28 Federal #2

**County**  
**Eddy**

Unit Letter  
B

## Section 28

**Township**  
**24S**

**Range**  
**29E**

## Trend Map 75'-100'

1

2

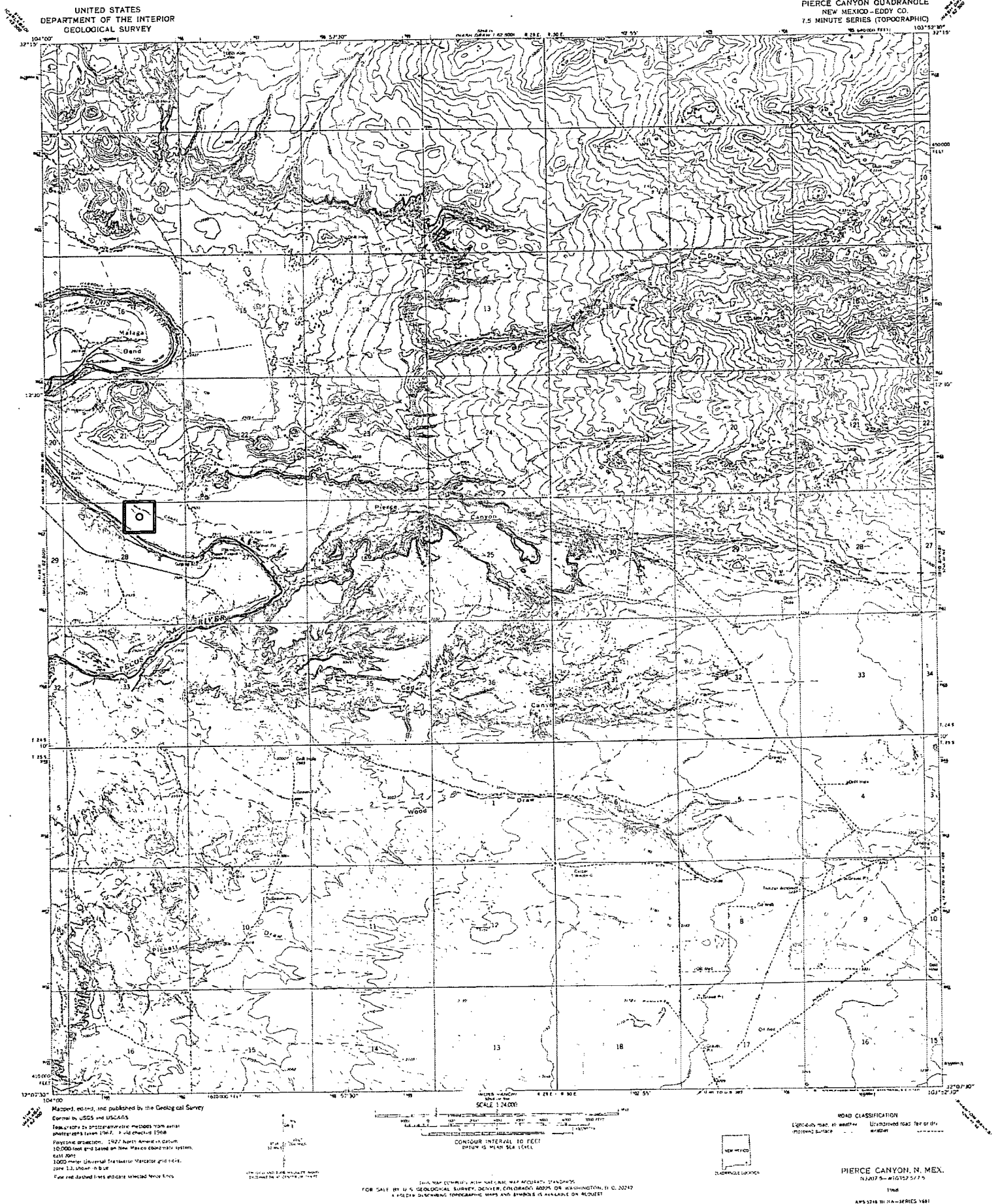
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SW/NW Unit Letter E	SE/NW Unit Letter F	SW/NE Unit Letter G	SE/NE Unit Letter H
NW/SW Unit Letter L	NE/SW Unit Letter K	NW/SE Unit Letter J	NE/SE Unit Letter I
SW/SW Unit Letter M	SE/SW Unit Letter N	SW/SE Unit Letter O	SE/SE Unit Letter P

3

4

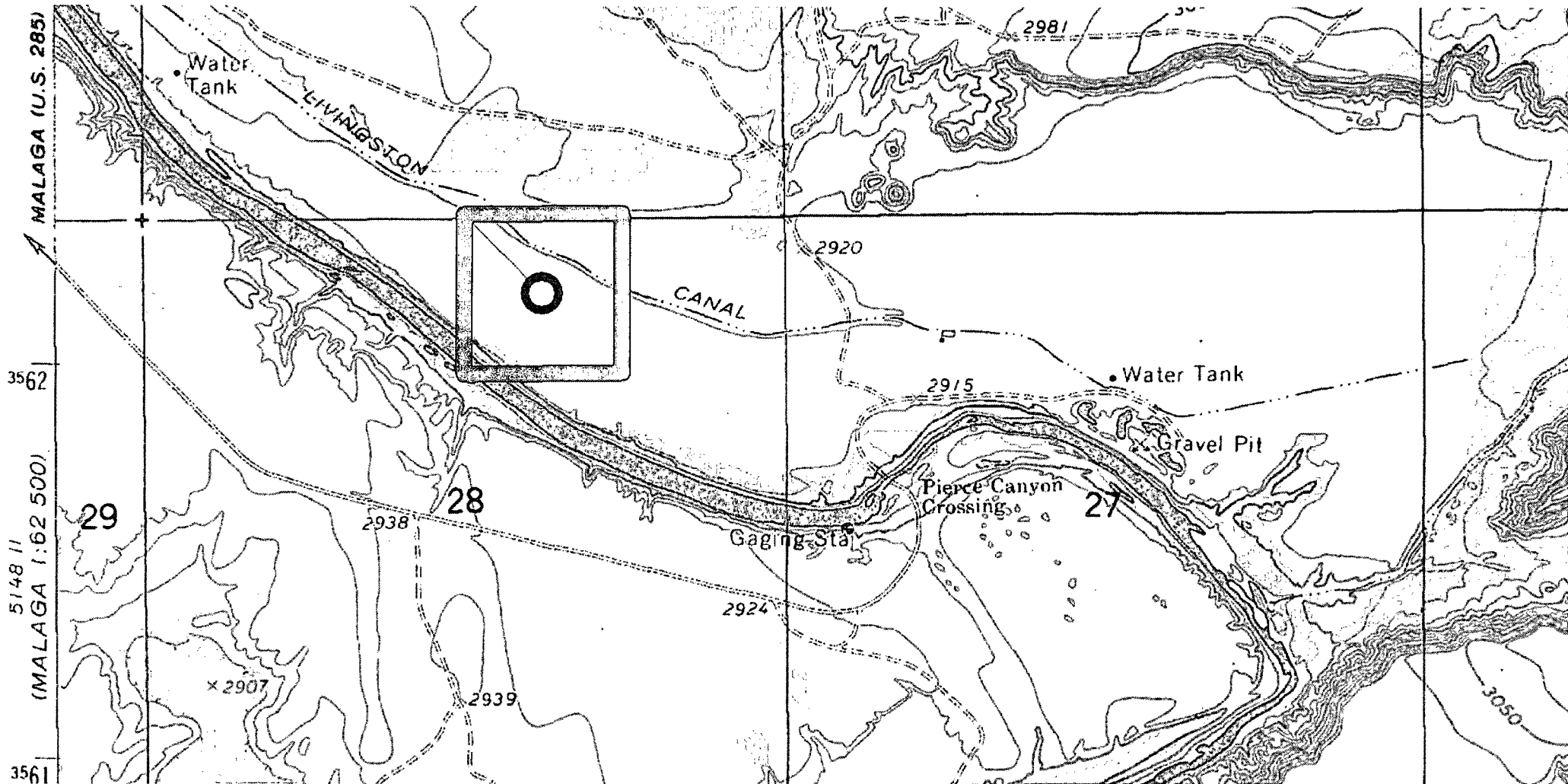
Oxy

# Cedar Canyon 28 Federal #2



Oxy

# Cedar Canyon 28 Federal #2





**Laboratory Analytical Results Summary**  
**Cedar Canyon 28 Federal #2**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	2/11/14	2/11/14	2/11/14
			mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.200	<0.050	<0.050
<b>Toluene</b>	BTEX 8021B		<b>1.28</b>	<0.050	<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<b>2.63</b>	<0.050	<0.050
<b>Total Xylenes</b>	BTEX 8021B		<b>7.67</b>	<0.150	<0.150
<b>Total BTEX</b>	BTEX 8021B		<b>11.6</b>	<0.300	<0.300
<b>Chloride</b>	SM4500Cl-B		<b>192</b>	<b>256</b>	<b>48</b>
<b>GRO</b>	TPH 8015M		<b>354</b>	<10.0	<10.0
<b>DRO</b>	TPH 8015M		<b>2500</b>	<b>32.4</b>	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	2/11/14	2/11/14	2/11/14
			mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<b>0.056</b>	<0.050	<0.050
<b>Toluene</b>	BTEX 8021B		<b>1.15</b>	<0.050	<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<b>2.63</b>	<b>0.079</b>	<0.050
<b>Total Xylenes</b>	BTEX 8021B		<b>6.96</b>	<b>0.19</b>	<0.150
<b>Total BTEX</b>	BTEX 8021B		<b>10.8</b>	<0.300	<0.300
<b>Chloride</b>	SM4500Cl-B		<b>144</b>	<b>288</b>	<b>32</b>
<b>GRO</b>	TPH 8015M		<b>137</b>	<10.0	<10.0
<b>DRO</b>	TPH 8015M		<b>982</b>	<b>100</b>	<b>14.4</b>

February 19, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 28 #2

Enclosed are the results of analyses for samples received by the laboratory on 02/12/14 8:12.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

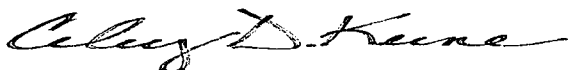
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

**Sample ID: SP 1 @ 1' (H400420-01)**

BTEX 8021B		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	02/14/2014	ND	2.28	114	2.00	0.743	
Toluene*	1.28	0.200	02/14/2014	ND	2.22	111	2.00	1.88	
Ethylbenzene*	2.63	0.200	02/14/2014	ND	2.21	111	2.00	0.812	
Total Xylenes*	7.67	0.600	02/14/2014	ND	6.39	107	6.00	0.795	
Total BTEX	11.6	1.20	02/14/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 177 % 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	192	16.0	02/14/2014	ND	400	100	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	354	10.0	02/12/2014	ND	204	102	200	11.4	
DRO >C10-C28	2500	10.0	02/12/2014	ND	192	96.2	200	12.4	

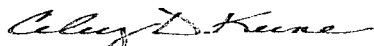
Surrogate: 1-Chlorooctane 122 % 65.2-140

Surrogate: 1-Chlorooctadecane 146 % 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:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

**Sample ID: SP 1 @ 2' (H400420-02)**

BTEX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2014	ND	2.25	113	2.00	5.84		
Toluene*	<0.050	0.050	02/14/2014	ND	2.26	113	2.00	4.05		
Ethylbenzene*	<0.050	0.050	02/14/2014	ND	2.23	111	2.00	4.06		
Total Xylenes*	<0.150	0.150	02/14/2014	ND	6.57	110	6.00	2.90		
Total BTEX	<0.300	0.300	02/14/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 95.4 % 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	
<b>Chloride</b>	<b>256</b>	16.0	02/14/2014	ND	400	100	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	02/12/2014	ND	204	102	200	11.4		
<b>DRO &gt;C10-C28</b>	<b>32.4</b>	10.0	02/12/2014	ND	192	96.2	200	12.4		

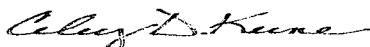
Surrogate: 1-Chlorooctane 99.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

**Sample ID: SP 1 @ 3' (H400420-03)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2014	ND	2.25	113	2.00	5.84		
Toluene*	<0.050	0.050	02/14/2014	ND	2.26	113	2.00	4.05		
Ethylbenzene*	<0.050	0.050	02/14/2014	ND	2.23	111	2.00	4.06		
Total Xylenes*	<0.150	0.150	02/14/2014	ND	6.57	110	6.00	2.90		
Total BTEX	<0.300	0.300	02/14/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 94.9 % 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	02/14/2014	ND	400	100	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	02/12/2014	ND	204	102	200	11.4	
DRO >C10-C28	<10.0	10.0	02/12/2014	ND	192	96.2	200	12.4	

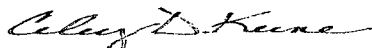
Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Caley 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:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

### Sample ID: SP 2 @ 1' (H400420-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.056</b>	0.050	02/14/2014	ND	2.25	113	2.00	5.84	
<b>Toluene*</b>	<b>1.15</b>	0.050	02/14/2014	ND	2.26	113	2.00	4.05	
<b>Ethylbenzene*</b>	<b>2.63</b>	0.050	02/14/2014	ND	2.23	111	2.00	4.06	
<b>Total Xylenes*</b>	<b>6.96</b>	0.150	02/14/2014	ND	6.57	110	6.00	2.90	
<b>Total BTEX</b>	<b>10.8</b>	0.300	02/14/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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
<b>Chloride</b>	<b>144</b>	16.0	02/14/2014	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>137</b>	10.0	02/12/2014	ND	204	102	200	11.4	
<b>DRO &gt;C10-C28</b>	<b>982</b>	10.0	02/12/2014	ND	192	96.2	200	12.4	

Surrogate: 1-Chlorooctane 121 % 65.2-140

Surrogate: 1-Chlorooctadecane 121 % 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:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

### Sample ID: SP 2 @ 2' (H400420-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2014	ND	2.25	113	2.00	5.84	
Toluene*	<0.050	0.050	02/14/2014	ND	2.26	113	2.00	4.05	
Ethylbenzene*	0.079	0.050	02/14/2014	ND	2.23	111	2.00	4.06	
Total Xylenes*	0.190	0.150	02/14/2014	ND	6.57	110	6.00	2.90	
Total BTEX	<0.300	0.300	02/14/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 107 % 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	288	16.0	02/14/2014	ND	400	100	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	02/13/2014	ND	198	98.9	200	12.2	
DRO >C10-C28	100	10.0	02/13/2014	ND	195	97.5	200	9.27	

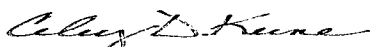
Surrogate: 1-Chlorooctane 114 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 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:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

**Sample ID: SP 2 @ 3' (H400420-06)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2014	ND	2.25	113	2.00	5.84		
Toluene*	<0.050	0.050	02/14/2014	ND	2.26	113	2.00	4.05		
Ethylbenzene*	<0.050	0.050	02/14/2014	ND	2.23	111	2.00	4.06		
Total Xylenes*	<0.150	0.150	02/14/2014	ND	6.57	110	6.00	2.90		
Total BTEX	<0.300	0.300	02/14/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 98.0 % 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	32.0	16.0	02/14/2014	ND	400	100	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	02/13/2014	ND	198	98.9	200	12.2		
DRO >C10-C28	14.4	10.0	02/13/2014	ND	195	97.5	200	9.27		

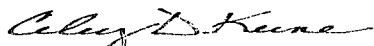
Surrogate: 1-Chlorooctane 112 % 65.2-140

Surrogate: 1-Chlorooctadecane 113 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Notes and Definitions**

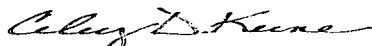
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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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Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



## Page 9 of 9

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

#54

## Kathy Purvis

---

**From:** Van Curen, Jennifer <jvancure@blm.gov>  
**Sent:** Sunday, March 09, 2014 4:27 PM  
**To:** Cliff P. Brunson  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** Re: OXY-Cedar Canyon 28 Federal #2-Remediation Plan

Approved. If location has not been downsized already, I would like to complete IR with berming of well pad.

JENNIFER E VAN CUREN  
ENVIRONMENTAL PROTECTION SPECIALIST  
DOI-BLM-CARLSBAD FIELD OFFICE  
320 E GREENE ST. CARLSBAD, NM 88220  
OFFICE- 575-234-5905  
CELL - 575-361-0042  
FAX - 575-234-5927

On Sat, Mar 8, 2014 at 5:43 PM, Cliff P. Brunson <[cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)> wrote:  
Jennifer,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Mike Bratcher of the NMOCD. Oxy will excavate to a depth of 1 foot across the entire leak area as shown on the diagram. The area will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us know.

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](mailto:cbrunson@bbcinternational.com)

\*\*\*\*\*

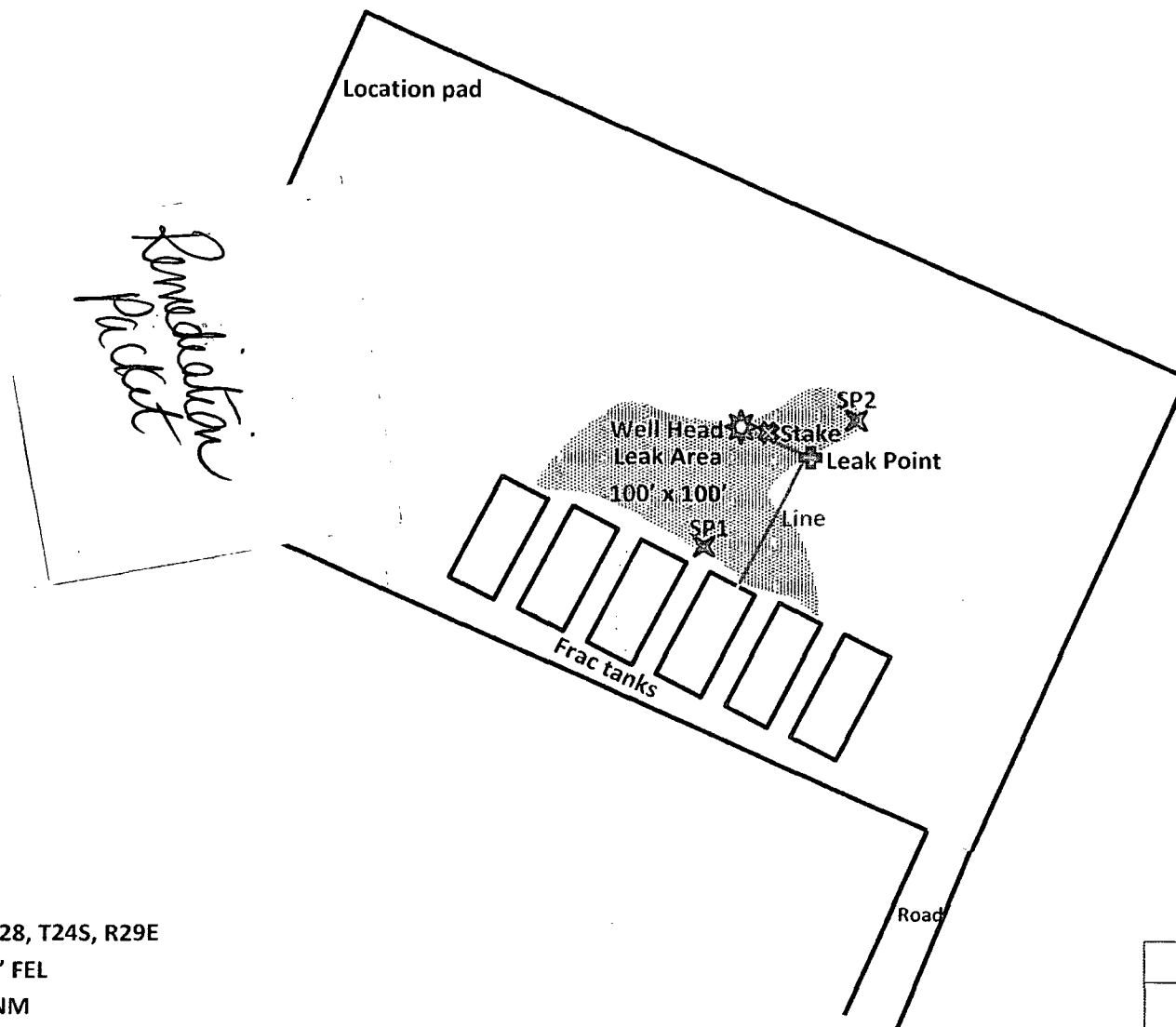
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\*\*\*\*\*



Oxy

# Cedar Canyon 28 Federal #2



U/L B, Section 28, T24S, R29E  
458' FNL, 1980' FEL  
Eddy County, NM  
GPS at stake:  
N 32.19437° W 103.98731°  
API# 30-015-41073

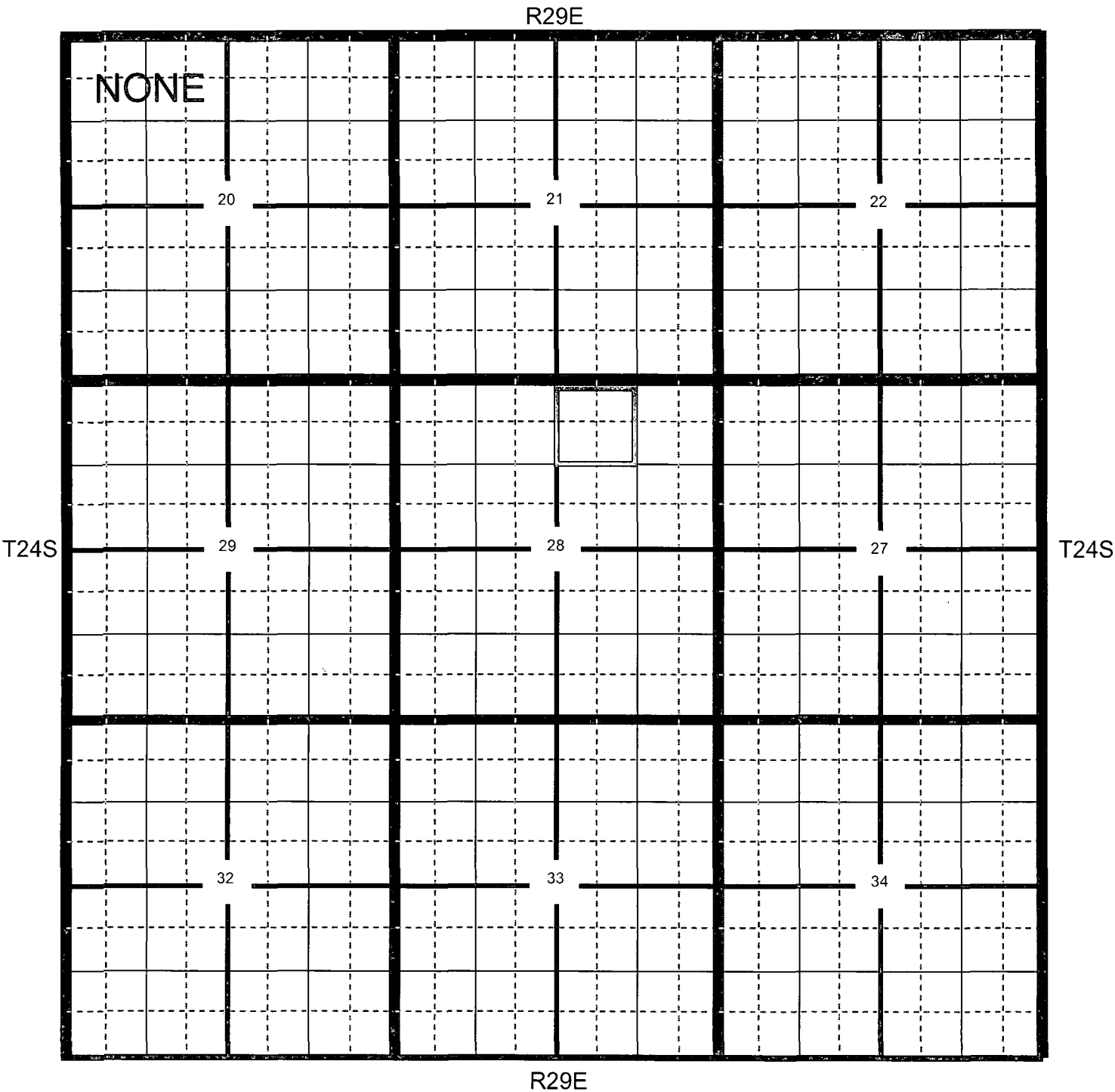
BBC International, Inc.	
Oxy	
Cedar Canyon Federal #2	
Date: 01/06/2014	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013



Groundwater Plot  
Oxy Cedar Canyon 28 Federal #2

County	Unit Letter	Section	Township	Range
Eddy	B	28	24S	29E

Trend Map 75'-100'



⊛ Location      ○ OCD      ○ USGS      ○ SEO      ● All Databases



Section Quarters

Oxy Cedar Canyon 28 Federal #2

County  
Eddy

Unit Letter  
B

Section  
28

Township  
24S

Range  
29E

Trend Map 75'-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

⚙ Location

○ OCD

○ USGS

○ SEO

● All Databases

**Laboratory Analytical Results Summary  
Cedar Canyon 28 Federal #2**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	2/11/14	2/11/14	2/11/14
			mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.200	<0.050	<0.050
<b>Toluene</b>	BTEX 8021B		1.28	<0.050	<0.050
<b>Ethylbenzene</b>	BTEX 8021B		2.63	<0.050	<0.050
<b>Total Xylenes</b>	BTEX 8021B		7.67	<0.150	<0.150
<b>Total BTEX</b>	BTEX 8021B		11.6	<0.300	<0.300
<b>Chloride</b>	SM4500Cl-B		192	256	48
<b>GRO</b>	TPH 8015M		354	<10.0	<10.0
<b>DRO</b>	TPH 8015M		2500	32.4	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	2/11/14	2/11/14	2/11/14
			mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		0.056	<0.050	<0.050
<b>Toluene</b>	BTEX 8021B		1.15	<0.050	<0.050
<b>Ethylbenzene</b>	BTEX 8021B		2.63	0.079	<0.050
<b>Total Xylenes</b>	BTEX 8021B		6.96	0.19	<0.150
<b>Total BTEX</b>	BTEX 8021B		10.8	<0.300	<0.300
<b>Chloride</b>	SM4500Cl-B		144	288	32
<b>GRO</b>	TPH 8015M		137	<10.0	<10.0
<b>DRO</b>	TPH 8015M		982	100	14.4



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

---

February 19, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 28 #2

Enclosed are the results of analyses for samples received by the laboratory on 02/12/14 8:12.

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](http://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:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

**Sample ID: SP 1 @ 1' (H400420-01)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	02/14/2014	ND	2.28	114	2.00	0.743	
Toluene*	1.28	0.200	02/14/2014	ND	2.22	111	2.00	1.88	
Ethylbenzene*	2.63	0.200	02/14/2014	ND	2.21	111	2.00	0.812	
Total Xylenes*	7.67	0.600	02/14/2014	ND	6.39	107	6.00	0.795	
Total BTEX	11.6	1.20	02/14/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 177 % 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	192	16.0	02/14/2014	ND	400	100	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	354	10.0	02/12/2014	ND	204	102	200	11.4	
DRO >C10-C28	2500	10.0	02/12/2014	ND	192	96.2	200	12.4	

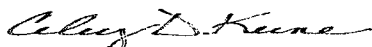
Surrogate: 1-Chlorooctane 122 % 65.2-140

Surrogate: 1-Chlorooctadecane 146 % 63.6-154

Cardinal Laboratories

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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:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

**Sample ID: SP 1 @ 2' (H400420-02)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2014	ND	2.25	113	2.00	5.84		
Toluene*	<0.050	0.050	02/14/2014	ND	2.26	113	2.00	4.05		
Ethylbenzene*	<0.050	0.050	02/14/2014	ND	2.23	111	2.00	4.06		
Total Xylenes*	<0.150	0.150	02/14/2014	ND	6.57	110	6.00	2.90		
Total BTEX	<0.300	0.300	02/14/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	256	16.0	02/14/2014	ND	400	100	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	02/12/2014	ND	204	102	200	11.4		
DRO >C10-C28	32.4	10.0	02/12/2014	ND	192	96.2	200	12.4		

Surrogate: 1-Chlorooctane 99.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

Cardinal Laboratories

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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:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

**Sample ID: SP 1 @ 3' (H400420-03)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2014	ND	2.25	113	2.00	5.84		
Toluene*	<0.050	0.050	02/14/2014	ND	2.26	113	2.00	4.05		
Ethylbenzene*	<0.050	0.050	02/14/2014	ND	2.23	111	2.00	4.06		
Total Xylenes*	<0.150	0.150	02/14/2014	ND	6.57	110	6.00	2.90		
Total BTEX	<0.300	0.300	02/14/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 94.9 % 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	02/14/2014	ND	400	100	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	02/12/2014	ND	204	102	200	11.4		
DRO >C10-C28	<10.0	10.0	02/12/2014	ND	192	96.2	200	12.4		

Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 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:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

**Sample ID: SP 2 @ 1' (H400420-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.056	0.050	02/14/2014	ND	2.25	113	2.00	5.84	
Toluene*	1.15	0.050	02/14/2014	ND	2.26	113	2.00	4.05	
Ethylbenzene*	2.63	0.050	02/14/2014	ND	2.23	111	2.00	4.06	
Total Xylenes*	6.96	0.150	02/14/2014	ND	6.57	110	6.00	2.90	
Total BTEX	10.8	0.300	02/14/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 97.2 % 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	144	16.0	02/14/2014	ND	400	100	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	137	10.0	02/12/2014	ND	204	102	200	11.4	
DRO >C10-C28	982	10.0	02/12/2014	ND	192	96.2	200	12.4	

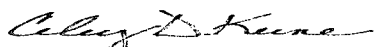
Surrogate: 1-Chlorooctane 121 % 65.2-140

Surrogate: 1-Chlorooctadecane 121 % 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: (575) 397-0397

Received:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

**Sample ID: SP 2 @ 2' (H400420-05)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2014	ND	2.25	113	2.00	5.84		
Toluene*	<0.050	0.050	02/14/2014	ND	2.26	113	2.00	4.05		
Ethylbenzene*	0.079	0.050	02/14/2014	ND	2.23	111	2.00	4.06		
Total Xylenes*	0.190	0.150	02/14/2014	ND	6.57	110	6.00	2.90		
Total BTEX	<0.300	0.300	02/14/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 107 % 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	288	16.0	02/14/2014	ND	400	100	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	02/13/2014	ND	198	98.9	200	12.2		
DRO >C10-C28	100	10.0	02/13/2014	ND	195	97.5	200	9.27		

Surrogate: 1-Chlorooctane 114 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 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: (575) 397-0397

Received:	02/12/2014	Sampling Date:	02/11/2014
Reported:	02/19/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY		

### Sample ID: SP 2 @ 3' (H400420-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2014	ND	2.25	113	2.00	5.84	
Toluene*	<0.050	0.050	02/14/2014	ND	2.26	113	2.00	4.05	
Ethylbenzene*	<0.050	0.050	02/14/2014	ND	2.23	111	2.00	4.06	
Total Xylenes*	<0.150	0.150	02/14/2014	ND	6.57	110	6.00	2.90	
Total BTEX	<0.300	0.300	02/14/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 98.0 % 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	32.0	16.0	02/14/2014	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: ms					

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	02/13/2014	ND	198	98.9	200	12.2	
DRO >C10-C28	14.4	10.0	02/13/2014	ND	195	97.5	200	9.27	

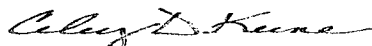
Surrogate: 1-Chlorooctane 112 % 65.2-140

Surrogate: 1-Chlorooctadecane 113 % 63.6-154

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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 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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Celey D. Keene, Lab Director/Quality Manager



# **CARDINAL LABORATORIES**

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

## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Page 9 of 9

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																			
Project Manager: Cliff Brunson				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CHLORIDE</div> </div>																			
Address: P.O. Box 805				Company:																							
City: Hobbs State: NM Zip: 88241				Attn: SAME																							
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																							
Project #: Project Owner: OXY				City:																							
Project Name: CEDAR CANYON 2B # 2				State: Zip:																							
Project Location:				Phone #:																							
Sampler Name: ROGER HERNANDEZ				Fax #:																							
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(GRAB OR C/COMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
H400420																											
1	SP1 @ 1'	✓	1			✓				✓			2.11.14	948	✓	✓	✓										
2	" 2'	✓	1			✓				✓			2.11.14	1010	✓	✓	✓										
3	" 3'	✓	1			✓				✓			2.11.14	1025	✓	✓	✓										
4	SP2 @ 1'	✓	1			✓				✓			2.11.14	1128	✓	✓	✓										
5	" 2'	✓	1			✓				✓			2.11.14	1149	✓	✓	✓										
6	" 3'	✓	1			✓				✓			2.11.14	1220	✓	✓	✓										

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Relinquished By:	Date: 2.12.14	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
<i>Roger Hernandez</i>	Time: 8:12	<i>Jodi Henson</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>[Signature]</i>		

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

#54



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	Cedar Canyon 28 Federal Com #2H	Facility Type	Well
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-41073

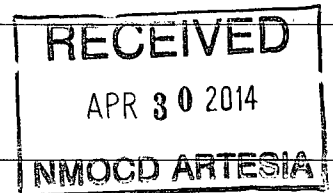
**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	28	24S	29E	458	North	1980	East	Eddy County, NM

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release	Oil	Volume of Release	15 bbls	Volume Recovered	0 bbls
Source of Release	A valve was left open on a frac tank	Date and Hour of Occurrence	12/07/2013	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; Jennifer Van Curen- BLM		
By Whom?	Rachel McPherson	Date and Hour	12/10/2013 @ 9:18 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.*					
A valve on a frac tank was left open causing 15 bbls of oil to leak onto the ground. No fluids were recovered and the valve was closed.					
Describe Area Affected and Cleanup Action Taken.*					
The affected area is approximately 30' x 50' on location. Remediation will be completed in accordance with a remediation plan approved by NMOCD and the BLM.					
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: 		<b>OIL CONSERVATION DIVISION</b>			
Printed Name: Chancey Summers		Approved by Environmental Specialist:			
Title: HES Specialist		Approval Date:		Expiration Date:	
E-mail Address: Chancey.Summers@oxv.com		Conditions of Approval:		Attached <input type="checkbox"/>	
Date: 12-19-13		Phone: (575) 397-8216			



\* Attach Additional Sheets If Necessary