



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

Oxy – Red Tank 34 Federal #2 CTB (05/02/2016)

REMEDIATION PLAN, RP # 1RP-4271

Oxy will excavate the spill area as depicted on the following site diagram. In the areas of SP1, SP2, SP3, and SP4; Oxy will excavate to a depth of 2 feet. Then, a liner will be placed in the excavation area. Oxy will surface scrape in the area of SP5. The entire site will then be backfilled with clean soil.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.



Road

Oxy
Red Tank 34 Federal #2 CTB (5/2/16)

Fence

Berm

Tanks

Surface scrape

T

18' x 4'

SP5

2' Excavation with liner 10' x 180'

SP4

SP3

Road

SP1

34' x 12'

SP2

35' x 45'

Stake

U/L H, Section 34, T22S, R32E

Lea County, NM

N 32.34959° W 103.65571°

API# 30-025-31932

BBC International, Inc.

Oxy

Red Tank 34 Federal #2 CTB

Date: 05/09/2016

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2016



Groundwater Plot

Oxy Red Tank 34 Federal #2 CTB

County
Lea

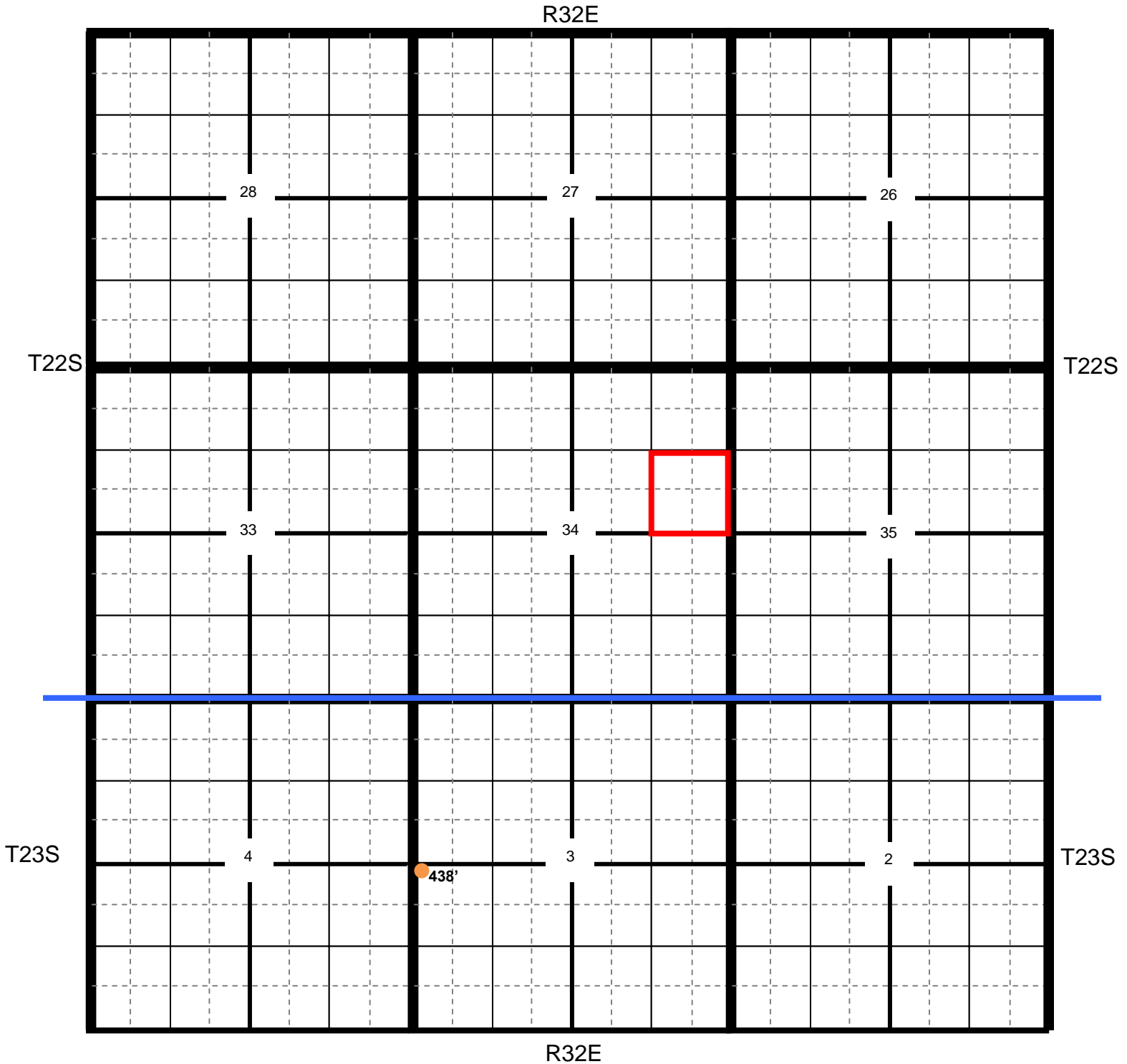
Unit Letter
H

Section
34

Township
22S

Range
32E

Trend Map 450'



Location

OCD

USGS

SEO

All Databases

Oxy Red Tank 34 Federal #2 CTB

County Lea Unit Letter H Section 34 Township 22S Range 32E

Trend Map 450'

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

Laboratory Analytical Results Summary
Red Tank 34 #2

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 6'	SP1 @ 8'	SP1 @ 10'	SP1 @ 12'	SP1 @ 14'	SP1 @ 16'
Analyte	Method	Date	5/13/16	5/13/16	5/13/16	5/13/16	5/13/16	5/13/16	5/13/16	5/13/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		5920	18800	3060	4160	8800	672	384	352

		Sample	SP2 @ 3'	SP2 @ 7'	SP2 @ 11'	SP2 @ 13'	SP2 @ 15'
Analyte	Method	Date	5/13/16	5/13/16	5/24/16	5/24/16	5/24/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		5440	17600	9730	2960	288

		Sample	SP3 @ 3'	SP3 @ 7'	SP3 @ 10'	SP3 @ 13'	SP3 @ 16'	SP3 @ 18'
Analyte	Method	Date	5/16/16	5/16/16	5/16/16	5/16/16	5/16/16	5/16/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		6000	19200	12700	3080	2840	464

		Sample	SP4 @ 3'	SP4 @ 6'	SP4 @ 9'	SP4 @ 12'	SP4 @ 15'	SP4 @ 18'
Analyte	Method	Date	5/16/16	5/16/16	5/16/16	5/16/16	5/16/16	5/16/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		6160	20400	10700	6160	3000	432

		Sample	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'	SP5 @ 5'	SP5 @ 7'	SP5 @ 9'	SP5 @ 11'	SP5 @ 13'
Analyte	Method	Date	5/17/16	5/17/16	5/17/16	5/17/16	5/17/16	5/17/16	5/17/16	5/17/16	5/17/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		432	480	368	736	528	416	544	368	368

June 03, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 34 FEDERAL #2

Enclosed are the results of analyses for samples received by the laboratory on 05/27/16 9:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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:	05/27/2016	Sampling Date:	05/13/2016
Reported:	06/03/2016	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH ROAD		

Sample ID: SP 1 @ 1' (H601168-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	06/01/2016	ND	400	100	400	3.92	

Sample ID: SP 1 @ 3' (H601168-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18800	16.0	06/01/2016	ND	400	100	400	3.92	

Sample ID: SP 1 @ 6' (H601168-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3060	16.0	06/01/2016	ND	400	100	400	3.92	

Sample ID: SP 1 @ 8' (H601168-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	06/01/2016	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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



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:	05/27/2016	Sampling Date:	05/13/2016
Reported:	06/03/2016	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH ROAD		

Sample ID: SP 1 @ 10' (H601168-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8800	16.0	06/01/2016	ND	400	100	400	3.92		

Sample ID: SP 1 @ 12' (H601168-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	06/01/2016	ND	400	100	400	3.92	

Sample ID: SP 1 @ 14' (H601168-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	06/01/2016	ND	400	100	400	3.92	

Sample ID: SP 1 @ 16' (H601168-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	06/01/2016	ND	400	100	400	3.92	

Sample ID: SP 2 @ 3' (H601168-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	06/01/2016	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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



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:	05/27/2016	Sampling Date:	05/13/2016
Reported:	06/03/2016	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH ROAD		

Sample ID: SP 2 @ 7' (H601168-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17600	16.0	06/01/2016	ND	400	100	400	3.92	

Sample ID: SP 2 @ 11' (H601168-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9730	16.0	06/01/2016	ND	400	100	400	3.92	

Sample ID: SP 2 @ 13' (H601168-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	06/01/2016	ND	400	100	400	3.92	

Sample ID: SP 2 @ 15' (H601168-13)

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	06/01/2016	ND	400	100	400	3.92	

Sample ID: SP 3 @ 3' (H601168-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	06/01/2016	ND	432	108	400	7.69	QM-07

Cardinal Laboratories

*=Accredited Analyte

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



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:	05/27/2016	Sampling Date:	05/16/2016
Reported:	06/03/2016	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH ROAD		

Sample ID: SP 3 @ 7' (H601168-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19200	16.0	06/01/2016	ND	432	108	400	7.69	

Sample ID: SP 3 @ 10' (H601168-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12700	16.0	06/01/2016	ND	432	108	400	7.69	

Sample ID: SP 3 @ 13' (H601168-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	06/01/2016	ND	432	108	400	7.69	

Sample ID: SP 3 @ 16' (H601168-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	06/01/2016	ND	432	108	400	7.69	

Sample ID: SP 3 @ 18' (H601168-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	06/01/2016	ND	432	108	400	7.69	

Cardinal Laboratories

*=Accredited Analyte

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



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:	05/27/2016	Sampling Date:	05/16/2016
Reported:	06/03/2016	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH ROAD		

Sample ID: SP 4 @ 3' (H601168-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6160	16.0	06/01/2016	ND	432	108	400	7.69		

Sample ID: SP 4 @ 6' (H601168-21)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20400	16.0	06/01/2016	ND	432	108	400	7.69		

Sample ID: SP 4 @ 9' (H601168-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10700	16.0	06/01/2016	ND	432	108	400	7.69		

Sample ID: SP 4 @ 12' (H601168-23)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6160	16.0	06/01/2016	ND	432	108	400	7.69		

Sample ID: SP 4 @ 15' (H601168-24)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	06/01/2016	ND	432	108	400	7.69		

Cardinal Laboratories

*=Accredited Analyte

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



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:	05/27/2016	Sampling Date:	05/16/2016
Reported:	06/03/2016	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH ROAD		

Sample ID: SP 4 @ 18' (H601168-25)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/01/2016	ND	432	108	400	7.69	

Sample ID: SP 5 @ 1' (H601168-26)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/01/2016	ND	432	108	400	7.69	

Sample ID: SP 5 @ 2' (H601168-27)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	06/01/2016	ND	432	108	400	7.69	

Sample ID: SP 5 @ 3' (H601168-28)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	06/01/2016	ND	432	108	400	7.69	

Sample ID: SP 5 @ 4' (H601168-29)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	06/01/2016	ND	432	108	400	7.69	

Cardinal Laboratories

*=Accredited Analyte

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



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:	05/27/2016	Sampling Date:	05/17/2016
Reported:	06/03/2016	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH ROAD		

Sample ID: SP 5 @ 5' (H601168-30)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	06/01/2016	ND	432	108	400	7.69		

Sample ID: SP 5 @ 7' (H601168-31)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	06/01/2016	ND	432	108	400	7.69	

Sample ID: SP 5 @ 9' (H601168-32)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	06/01/2016	ND	432	108	400	7.69	

Sample ID: SP 5 @ 11' (H601168-33)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	06/01/2016	ND	432	108	400	7.69		

Sample ID: SP 5 @ 13' (H601168-34)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	06/01/2016	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #:				State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner:				P.O. #: Company: Attn: Address: City: State: Phone #: Fax #:							
Project Name: Project Location: Sampler Name:								Project Name: Project Location: Sampler Name:							
FOR LAB USE ONLY								FOR LAB USE ONLY							
Lab I.D. Sample I.D.				Lab I.D. Sample I.D.				Lab I.D. Sample I.D.							
Relinquished By: Relinquished By:				Relinquished By: Relinquished By:				Relinquished By: Relinquished By:							
Delivered By: (Circle One) Delivered By:				Delivered By: (Circle One) Delivered By:				Delivered By: (Circle One) Delivered By:							
Sampler - UPS - Bus - Other: Sampler - UPS - Bus - Other:				Sampler - UPS - Bus - Other: Sampler - UPS - Bus - Other:				Sampler - UPS - Bus - Other: Sampler - UPS - Bus - Other:							

DATE		TIME		CHECKED BY:		REMARKS:	
5-13-16	9:30	CL-					
5-13-16	9:50						
5-13-16	11:30						
5-13-16	12:40						
5-13-16	1:00						
5-13-16	1:20						
5-13-16	1:50						
5-13-16	2:10						
5-13-16	2:40						
5-13-16	3:15						

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

Corrected
-0.3°C

#54



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 4

BILL TO

ANALYSIS REQUEST

2 of 4

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: RED TANK 34 #2

Project Location:

Sampler Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Hobbs

SP2 @ 11'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12

13

14

15

16

17

18

19

20

SP4 @ 3'

11

12



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name:

Project Location:

Sample Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

HL021168

SP4 @ 6'

21

22

23

24

25

26

27

28

29

30

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

CL-

100

115

135

202

237

332

448

1010

1030

1047

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. 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:

Date: 5-26-16

Time: 5:00pm

Received By:

Date: 5-27-16

Time: 9:20

Relinquished By:

Date: 5-26-16

Time: 5:00pm

Received By:

Date: 5-27-16

Time: 9:20

Relinquished By:

Date: 5-26-16

Time: 5:00pm

Relinquished By:

Date: 5-26-16

Time: 5:00pm

Received By:

Date: 5-27-16

Time: 9:20

Relinquished By:

Date: 5-26-16

Time: 5:00pm

Received By:

Date: 5-27-16

Time: 9:20

Relinquished By:

Date: 5-26-16

Time: 5:00pm

Delivered By: (Circle One)

Date: 5-26-16

Time: 5:00pm

Received By:

Date: 5-27-16

Time: 9:20

Relinquished By:

Date: 5-26-16

Time: 5:00pm

Received By:

Date: 5-27-16

Time: 9:20

Relinquished By:

Date: 5-26-16

Time: 5:00pm

Sampler - UPS - Bus - Other:

Date: 5-26-16

Time: 5:00pm

Received By:

Date: 5-27-16

Time: 9:20

Relinquished By:

Date: 5-26-16

Time: 5:00pm

Received By:

Date: 5-27-16

Time: 9:20

Relinquished By:

Date: 5-26-16

Time: 5:00pm

Sample Condition

Cool ☐ Intact ☒

Yes ☒ No ☐

Checked By:

Date: 5-26-16

Time: 5:00pm

Received By:

Date: 5-27-16

Time: 9:20

Relinquished By:

Date: 5-26-16

Time: 5:00pm

Phone Result:

Yes ☐ No ☐

Fax Result:

Yes ☐ No ☐

Add'l Phone #:

Add'l Fax #:

REMARKS:

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

corrected

#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

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	Casey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Red Tank 34 Federal #2 CTB	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		API No.	30-025-31932

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	34	22S	32E					Lea

Latitude N 32.34959° Longitude W 103.65571°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	15 bbls	Volume Recovered	0 bbls
Source of Release	Corrosion of a 2" steel tee on the water transfer pump line	Date and Hour of Occurrence	05/02/2016	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?	Jamie Keyes-NMOCD, Shelly Tucker-BLM		
By Whom?	Kathy Purvis @ BBC International, Inc.	Date and Hour	05/02/2016 @ 4:06 pm		
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.*

Corrosion of a 2" steel tee on the water transfer pump line caused 15 bbls of produced water to leak. No fluids were recovered and the tee was replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 70' x 200' on location and just south of location. Remediation will be completed in accordance with an approved remediation plan 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:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Casey Summers	Approved by Environmental Specialist:		
Title: NM Environmental Advisor	Approval Date:	Expiration Date:	
E-mail Address: Casey_Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 5-10-16 Phone: (575) 513-8289			

* Attach Additional Sheets If Necessary