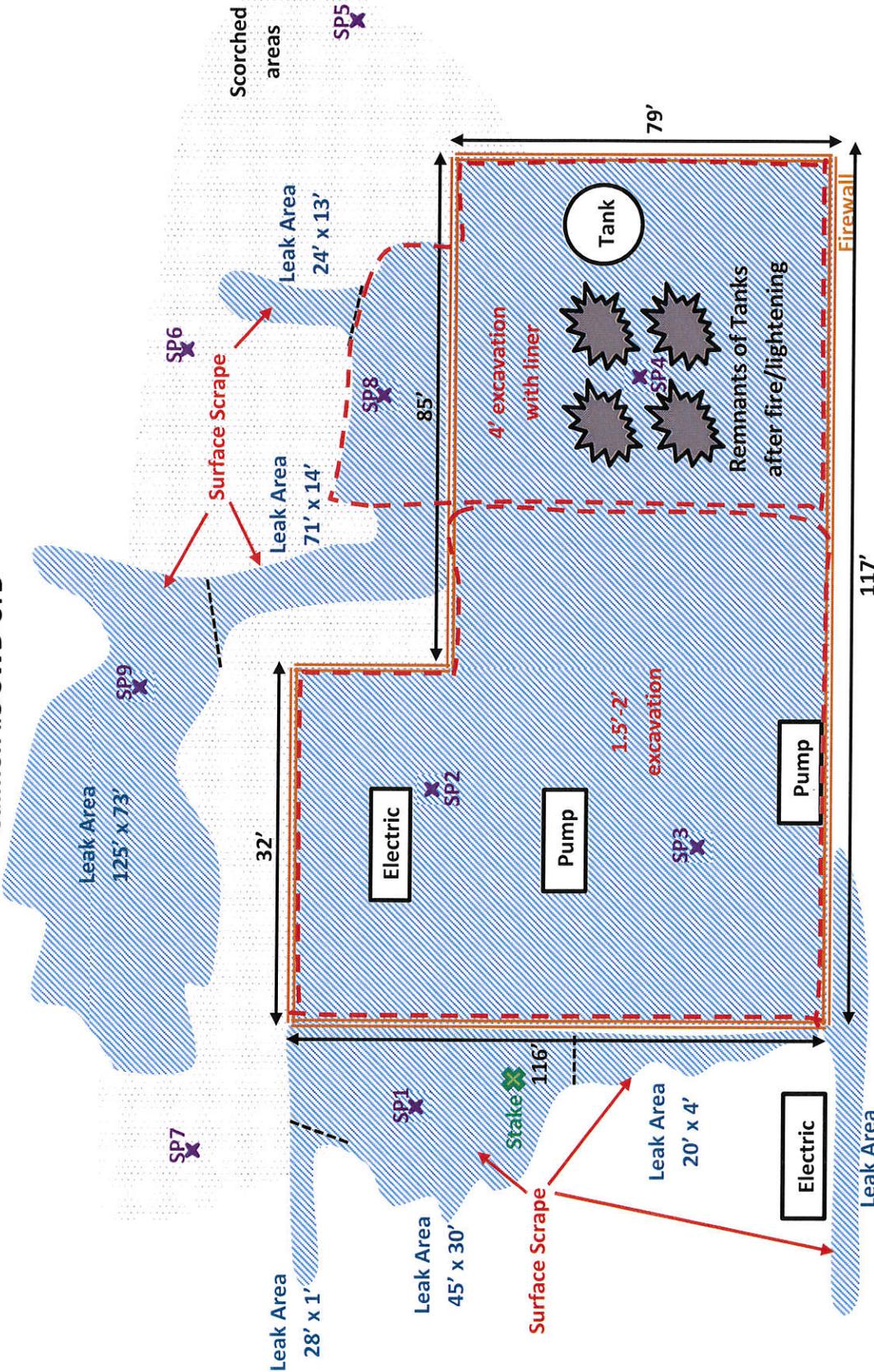


Oxy

### Calmon #5 SWD CTB



U/L G, Section 35, T23S, R31E  
 Eddy County, NM  
 N 32.26279° W 103.74635° at stake  
 API# 30-015-25640

<b>BBC International, Inc.</b>	
<b>Oxy</b>	
<b>Calmon #5 SWD CTB</b>	
Date: 06/12/2014	DRWG by: K. Purvis
NOT TO SCALE	
File: Oxy 2014	

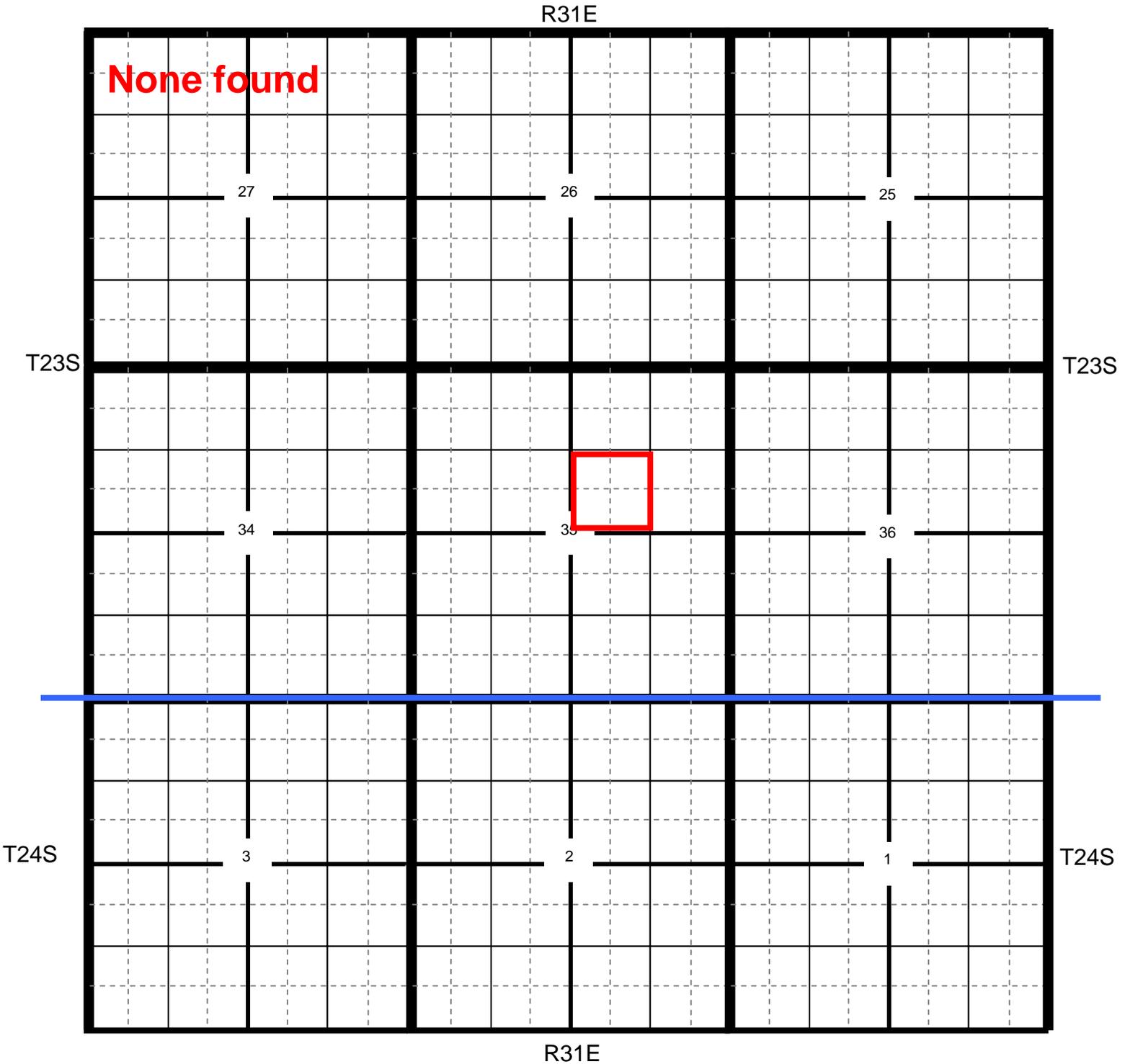


# Groundwater Plot

## Oxy Calmon #5 SWD CTB

<b>County</b> Eddy	<b>Unit Letter</b> G	<b>Section</b> 35	<b>Township</b> 23S	<b>Range</b> 31E
-----------------------	-------------------------	----------------------	------------------------	---------------------

Trend Map 300'



⚙️ Location     
 ● OCD     
 ● USGS     
 ● SEO     
 ● All Databases



Section Quarters

Oxy Calmon #5 SWD CTB

<b>County</b> Eddy	<b>Unit Letter</b> G	<b>Section</b> 35	<b>Township</b> 23S	<b>Range</b> 31E
-----------------------	-------------------------	----------------------	------------------------	---------------------

Trend Map 300'

1

2

NW/NW <b>None found</b>	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	<b>SW/NE</b>	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  
Calmon #5 SWD CTB

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'
Analyte	Method	Date	8/11/14	8/11/14	8/11/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a
Chloride	SM4500Cl-B		304	400	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 5'	SP2 @ 8'	SP2 @ 10'
Analyte	Method	Date	8/11/14	8/11/14	8/11/14	8/11/14	8/12/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		3360	320	576	416	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP3 @ 1'	SP3 @ 3'	SP3 @ 5'
Analyte	Method	Date	8/12/14	8/12/14	8/12/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a
Chloride	SM4500Cl-B		1170	512	64
GRO	TPH 8015M		<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a

		Sample	SP4 @ 1'	SP4 @ 3'	SP4 @ 5'	SP4 @ 7'	SP4 @ 10'	SP4 @ 12'	SP4 @ 14'	SP4 @ 16'	SP4 @ 17'
Analyte	Method	Date	8/12/14	8/12/14	8/12/14	8/12/14	8/15/14	8/15/14	8/15/14	8/15/14	8/15/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		12200	8000	10300	14100	2760	1600	1100	416	160
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

		Sample	SP5 @ SURFACE
Analyte	Method	Date	8/12/14
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Laboratory Analytical Results Summary  
Calmon #5 SWD CTB

Analyte	Method	Sample	SP6 @ SURFACE
		Date	8/12/14
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	Sample	SP7 @ 1'	SP7 @ 3'
		Date	8/12/14	8/13/14
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a
Toluene	BTEX 8021B		<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	n/a
Chloride	SM4500CI-B		176	<16.0
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a

Analyte	Method	Sample	SP8 @ 1'	SP8 @ 3'	SP8 @ 5'	SP8 @ 7'	SP8 @ 10'	SP8 @ 12'	SP8 @ 14'
		Date	8/13/14	8/13/14	8/13/14	8/13/14	8/13/14	8/15/14	8/15/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500CI-B		3480	3760	14100	15400	2240	1470	240
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a

Analyte	Method	Sample	SP9 @ 1'
		Date	8/13/14
			mg/Kg
Benzene	BTEX 8021B		n/a
Toluene	BTEX 8021B		n/a
Ethylbenzene	BTEX 8021B		n/a
Total Xylenes	BTEX 8021B		n/a
Total BTEX	BTEX 8021B		n/a
Chloride	SM4500CI-B		7120
GRO	TPH 8015M		n/a
DRO	TPH 8015M		n/a



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

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August 22, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CALMON #5 SWD-CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/20/14 9:00.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/11/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 1 @ 1 (H402546-01)**

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14	
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69	
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89	
Total BTEX	<0.300	0.300	08/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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
<b>Chloride</b>	<b>304</b>	16.0	08/21/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 99.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 116 % 63.6-154

**Sample ID: SP 1 @ 3 (H402546-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>400</b>	16.0	08/21/2014	ND	400	100	400	0.00	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/11/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 1 @ 5 (H402546-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2014	ND	400	100	400	0.00	

**Sample ID: SP 2 @ 1 (H402546-04)**

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14	
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69	
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89	
Total BTEX	<0.300	0.300	08/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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
<b>Chloride</b>	<b>3360</b>	16.0	08/21/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 90.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/11/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 2 @ 3 (H402546-05)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/21/2014	ND	400	100	400	0.00	

**Sample ID: SP 2 @ 5 (H402546-06)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	08/21/2014	ND	400	100	400	0.00	

**Sample ID: SP 2 @ 8 (H402546-07)**

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	08/21/2014	ND	416	104	400	0.00	

**Sample ID: SP 2 @ 10 (H402546-08)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2014	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/12/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 3 @ 1 (H402546-09)**

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14	
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69	
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89	
Total BTEX	<0.300	0.300	08/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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>1170</b>	16.0	08/21/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 92.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

**Sample ID: SP 3 @ 3 (H402546-10)**

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>512</b>	16.0	08/21/2014	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/12/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 3 @ 5 (H402546-11)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	08/21/2014	ND	416	104	400	0.00	

**Sample ID: SP 4 @ 1 (H402546-12)**

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14	
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69	
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89	
Total BTEX	<0.300	0.300	08/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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
<b>Chloride</b>	<b>12200</b>	16.0	08/21/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/12/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 4 @ 3 (H402546-13)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	08/21/2014	ND	416	104	400	0.00	

**Sample ID: SP 4 @ 5 (H402546-14)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10300	16.0	08/21/2014	ND	416	104	400	0.00	

**Sample ID: SP 4 @ 7 (H402546-15)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14100	16.0	08/21/2014	ND	416	104	400	0.00	

**Sample ID: SP 4 @ 10 (H402546-16)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	08/21/2014	ND	416	104	400	0.00	

**Sample ID: SP 4 @ 12 (H402546-17)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	08/21/2014	ND	416	104	400	0.00	

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**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/15/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 4 @ 14 (H402546-18)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	08/21/2014	ND	416	104	400	0.00	

**Sample ID: SP 4 @ 16 (H402546-19)**

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	08/21/2014	ND	416	104	400	0.00	

**Sample ID: SP 4 @ 17 (H402546-20)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/21/2014	ND	416	104	400	0.00	

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**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/12/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 5 @ SURFACE (H402546-21)**

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14	
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69	
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89	
Total BTEX	<0.300	0.300	08/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<16.0	16.0	08/21/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 96.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

**Sample ID: SP 6 @ SURFACE (H402546-22)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2014	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/12/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 7 @ 1 (H402546-23)**

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14	
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69	
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89	
Total BTEX	<0.300	0.300	08/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	176	16.0	08/21/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 100 % 65.2-140

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

**Sample ID: SP 7 @ 3 (H402546-24)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2014	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/13/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 8 @ 1 (H402546-25)**

BTEX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14	
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69	
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89	
Total BTEX	<0.300	0.300	08/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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>3480</b>	16.0	08/21/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 63.6-154

**Sample ID: SP 8 @ 3 (H402546-26)**

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>3760</b>	16.0	08/21/2014	ND	416	104	400	0.00	

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**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/13/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 8 @ 5 (H402546-27)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14100	16.0	08/21/2014	ND	416	104	400	3.92	

**Sample ID: SP 8 @ 7 (H402546-28)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15400	16.0	08/21/2014	ND	416	104	400	3.92	

**Sample ID: SP 8 @ 10 (H402546-29)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	08/21/2014	ND	416	104	400	3.92	

**Sample ID: SP 8 @ 12 (H402546-30)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	08/21/2014	ND	416	104	400	3.92	

**Sample ID: SP 8 @ 14 (H402546-31)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/21/2014	ND	416	104	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/20/2014	Sampling Date:	08/13/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

**Sample ID: SP 9 @ 1 (H402546-32)**

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>7120</b>	16.0	08/21/2014	ND	416	104	400	3.92	

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**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc. P.O. #

Project Manager: Cliff Brunson Company:

Address: P.O. Box 805 State: NM Zip: 88241 Attn:

City: Hobbs Address:

Phone #: 575-397-6388 Fax #: 575-397-0397 City: State: Zip:

Project #: Project Owner: OXY

Project Name: Calmon HS SWD - CTB

Project Location: Highway 128

Sampler Name: [Signature]

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(C)GRAB OR (C)OMP	# CONTAINERS	MATRIX						PRESERV	SAMPLING	DATE	TIME	CL-TPH-BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					
Hy025W	SP101		1			X					8-11	1130	X	
	SP102		1			X					8-11	1440	X	
	SP103		1			X					8-11	209	X	
	SP104		1			X					8-11	256	X	
	SP105		1			X					8-11	340	X	
	SP106		1			X					8-12	900	X	
	SP107		1			X					8-12	1015	X	
	SP108		1			X					8-12	1091	X	
	SP109		1			X					8-12	1091	X	

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Relinquished By: [Signature] Date: 8/15/19 Received By: [Signature] Date: 8-20-19

Time: 5:00pm

Delivered By: (Circle One) UPS - Bus - Other: 580451

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



**CARDINAL LABORATORIES**

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

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

2/4

Company Name: <b>BBC International, Inc.</b>		P.O. #:		<b>BILL TO</b>		ANALYSIS REQUEST	
Project Manager: <b>Cliff Brunson</b>		Company:					
Address: <b>P.O. Box 805</b>		Attn:					
City: <b>Hobbs</b>		State: <b>NM</b>		Zip: <b>88241</b>			
Phone #: <b>575-397-6388</b>		Fax #: <b>575-397-0397</b>		Address:			
Project #:		Project Owner: <b>DDY</b>		City:			
Project Name: <b>Celanox #5 SWD - CTB</b>		State:		Zip:			
Project Location: <b>Highway 168</b>		Phone #:		Fax #:			
Sampler Name: <b>Bill Brunson</b>		PRESERV:		SAMPLING:			
FOR LAB USE ONLY:		MATRIX:					
Lab I.D.:		GROUNDWATER					
Sample I.D.:		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER:					
		ACID/BASE:					
		ICE/COOL:					
		OTHER:					
		DATE		TIME			
<b>HYDRO</b>		8-12		1139			
11		8-12		1146			
13		8-12		2122			
14		8-12		300			
15		8-15		956			
18		8-15		1100			
19		8-15		1212			
20		8-15		160			

PLEASE NOTE: Liability and Damages: Cardinal's liability and chain's procedure remain for any claim arising whether based in 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 or its subsidiaries, successors 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: **8/15/14** Time: **3:00pm**

Received By: *[Signature]* Date: **8-20-14** Time: **9:00am**

Delivered By: (Circle One) **UPS** - Bus - Other: **580 # 21**

Sample Condition:  Cool  Latent  Yes  No

CHECKED BY: *[Signature]* (Initials) **RP**

REMARKS:



**CARDINAL LABORATORIES**

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

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

3/4

**BILL TO**

**ANALYSIS REQUEST**

Company Name: <b>BBC International, Inc.</b>		P.O. #:									
Project Manager: <b>Cliff Brunson</b>		Company:									
Address: <b>P.O. Box 805</b>		Attn:									
City: <b>Hobbs</b>		State: <b>NM</b>	Zip: <b>88241</b>								
Phone #: <b>575-397-6388</b>		Fax #: <b>575-397-0397</b>									
Project #:		Project Owner: <b>OXY</b>	City: <b>Simo</b>								
Project Name: <b>Calypso #5 GWD-CTB</b>		State:	Zip:								
Project Location: <b>Highway 158</b>		Phone #:									
Sampler Name: <b>UPPT Durhbs</b>		Fax #:									
FOR THE USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	CL	TPH	BTEX
MO 05 40											
21	SP 503			X	X		8-12	338	X	X	
22	SP 68			X	X		8-12	345	X	X	
23	SP 78			X	X		8-12	400	X	X	
24	SP 83			X	X		8-13	456	X	X	
25	SP 80			X	X		8-13	1618	X	X	
26	SP 80			X	X		8-13	1111	X	X	
27	SP 83			X	X		8-13	1148	X	X	
28	SP 87			X	X		8-13	130	X	X	
29	SP 87			X	X		8-13	149	X	X	
30	SP 87			X	X		8-15	200	X	X	

PLEASE NOTE: Liability and Damages: Cardinal's liability and damage resolution remedy for any claim arising whether based in 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 confined to the amount paid by the client for the analysis. Cardinal shall not be liable for incidental or consequential damages, including without limitation, business interruptions, loss of data, or loss of profits incurred by client, its subsidiaries, agents, or any other third party, or any other person, arising out of or in connection with the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Reinquisitioned By: *[Signature]* Date: **8/15/14** Time: **5:00pm**

Received By: *[Signature]* Date: **8-20-14** Time: **9:00**

Delivered By: (Circle One) **UPS** - **581-154**

Sampler - UPS - Bus - Other: **581-154**

Sample Condition:  Cool  Intact  No  No

CHECKED BY: *[Signature]* (Initials) **ICD**

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



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	Calmon #5 SWD CTB	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-25640

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	35	23S	31E					Eddy County, NM

Latitude N 32.26279° Longitude W 103.74635°

**NATURE OF RELEASE**

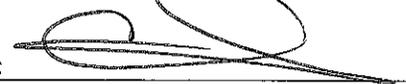
Type of Release	Oil and Produced Water	Volume of Release	100 bbls oil, 1400 bbls produced water	Volume Recovered	None
Source of Release	Lightening struck a water tank and caused a fire.	Date and Hour of Occurrence	06/09/2014	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher, NMOCD and Jennifer Van Curen, BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	06/09/2014 @ 9:16 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.\*  
Lightening struck a water tank a caused a fire destroying several tanks and spilling 100 bbls of oil and 1400 bbls of produced water onto the ground. No fluids were recovered and the damage was assessed.

Describe Area Affected and Cleanup Action Taken.\*  
The affected area is approximately 100' x 100' on location and 125' x 75' just north of the 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: 6-23-14 Phone: (575) 397-8216			

\* Attach Additional Sheets If Necessary

**From:** Bratcher, Mike, EMNRD  
**To:** ["Cliff P. Brunson"](#)  
**Cc:** ["C J Summers"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); ["Kathy Purvis"](#); [Patterson, Heather, EMNRD](#)  
**Subject:** RE: OXY - Calmon #5 SWD - Remediation Plan  
**Date:** Monday, November 03, 2014 12:53:00 PM

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Correction: The OCD reference number for this release is: [2RP-2357](#)

---

**From:** Bratcher, Mike, EMNRD  
**Sent:** Monday, November 03, 2014 12:50 PM  
**To:** 'Cliff P. Brunson'  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis; Patterson, Heather, EMNRD  
**Subject:** RE: OXY - Calmon #5 SWD - Remediation Plan

RE: OXY USA \* Cal-Mon 5 SWD Btry \* 30-015-25640 \* G-35-23s-31e \* Eddy County, NM  
NMOCD Reference: 2RP-2432 \* Date of release: 6/9/14

Cliff,

Your proposal for remediation of the above referenced release is approved. It is OCD's understanding that sample point 9 is where the in-situ closed drilling pit would have been when this well was drilled. Federal sites will require like approval by BLM.

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

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

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

---

**From:** Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]  
**Sent:** Wednesday, October 29, 2014 5:40 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** OXY - Calmon #5 SWD - Remediation Plan

Mike,

This e-mail is to confirm our conversation on October 28, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. If you will review the

revised diagram on the attachment, it depicts the remediation plan and the areas and depths of the excavations per our discussions. After the soil is excavated, the site will be backfilled with clean soil.

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

Thanks, Cliff

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

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**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 396338

**CONDITIONS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 396338
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	Historical document upload.	10/28/2024