



Groundwater Plot

Oxy Cypress 33 Federal #6H

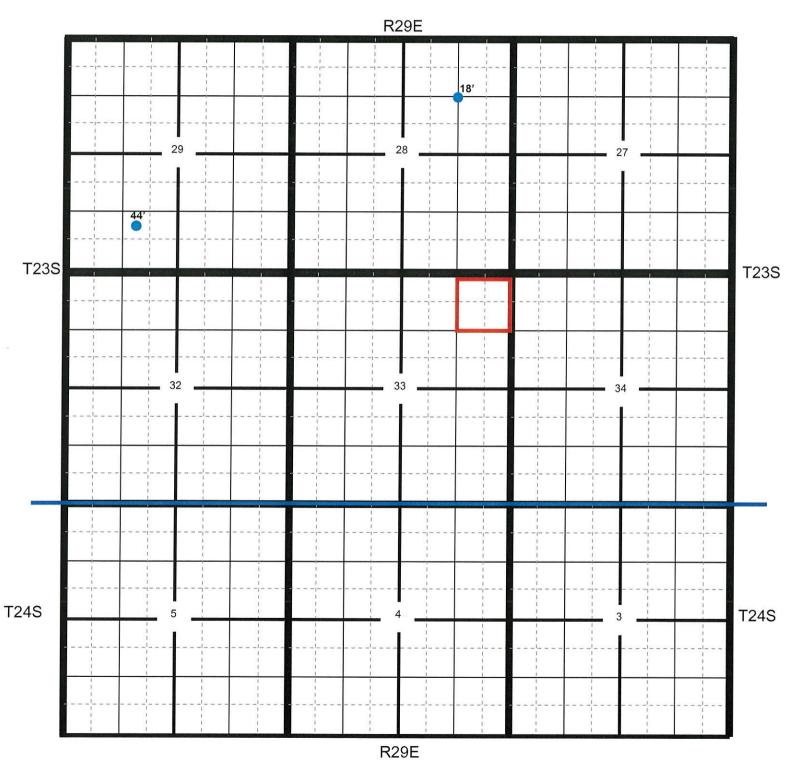
County Eddy Unit Letter

Section 33

Township 23S Range 29E

Trend Map

50'-75'





Section Quarters

Oxy Cypress 33 Federal #6H

CountyUnit LetterSectionTownshipRangeEddyA3323S29E

Trend Map 50'-75'

1

NW/NW	NE/NW	NW/NE	NE/NE
None found	1 5 5 5 1 1		
	1 1 1 1		
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 Cypress 33 Fed #6H (11-6-14)

		Sample	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	3/5/15	3/5/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	< 0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300
Chloride	SM4500CI-B		240	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	3/5/15	3/5/15	3/5/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B	Alle-Alle-Alle-Alle	<0.050	<0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		0.249	<0.150	< 0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		1630	256	<16.0
GRO	TPH 8015M		10.8	<10.0	<10.0
DRO	TPH 8015M		431	<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	3/5/15	3/5/15	3/5/15
	Was an arrange of		mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	< 0.050
Toluene	BTEX 8021B		0.077	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		0.087	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		1.23	< 0.150	<0.150
Total BTEX	BTEX 8021B	A CONTROL OF THE PROPERTY OF	1.4	< 0.300	< 0.300
Chloride	SM4500CI-B		2840	272	64
GRO	TPH 8015M		32.6	<10.0	<10.0
DRO	TPH 8015M		2090	272	<10.0

		Sample	SP4 @ 1'	SP4 @ 2'	SP2 @ 3'
Analyte	Method	Date	3/6/15	3/6/15	3/5/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		<0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B	PLEATE HITCHIS	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		6320	208	64
GRO	TPH 8015M	***	11	<10.0	<10.0
DRO	TPH 8015M		372	<10.0	<10.0



March 11, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 33 FEDERAL #6H

Enclosed are the results of analyses for samples received by the laboratory on 03/06/15 10:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celeg D. Keine

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



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

03/06/2015

Sampling Date:

03/04/2015

Reported:

03/11/2015

Sampling Type:

Soil

Project Name:

Sampling Condition:

Cool & Intact

CYPRESS 33 FEDERAL #6H OXY

Project Number:

Sample Received By:

Jodi Henson

Project Location:

RAWHIDE RD

Sample ID: SP 1 @ 1' (H500624-01)

BTEX 8021B	mg/kg			ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	< 0.050	0.050	03/10/2015	ND	2.06	103	2.00	5.50	
Toluene*	< 0.050	0.050	03/10/2015	ND	1.86	93.2	2.00	5.62	
Ethylbenzene*	< 0.050	0.050	03/10/2015	ND	2.18	109	2.00	5.78	
Total Xylenes*	< 0.150	0.150	03/10/2015	ND	6.03	100	6.00	5.94	
Total BTEX	<0.300	0.300	03/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	116%	6 61-154				yayaa aa a			
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/09/2015	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	<10.0	10.0	03/09/2015	ND	220	110	200	4.65	
Surrogate: 1-Chlorooctane	83.1 %	6 47.2-157	7						
Surrogate: 1-Chlorooctadecane	91.99	6 52.1-176	5						

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*=Accredited Analyte

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Celeny & Keene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

03/06/2015

Sampling Date:

03/04/2015

Reported:

Sampling Type:

Soil

03/11/2015

Sampling Condition:

Project Name:

CYPRESS 33 FEDERAL #6H

Sample Received By:

Cool & Intact Jodi Henson

Project Number: Project Location: OXY

RAWHIDE RD

Sample ID: SP 1 @ 2' (H500624-02)

BTEX 8021B	mg/kg		Analyze	ed By: ms				2011-00-00-00-00-00-00-00-00-00-00-00-00-	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2015	ND	2.06	103	2.00	5.50	
Toluene*	< 0.050	0.050	03/10/2015	ND	1.86	93.2	2.00	5.62	
Ethylbenzene*	< 0.050	0.050	03/10/2015	ND	2.18	109	2.00	5.78	
Total Xylenes*	< 0.150	0.150	03/10/2015	ND	6.03	100	6.00	5.94	
Total BTEX	<0.300	0.300	03/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	116%	61-154					57 10000-000-00-000-000-000-000-00-00-00-00		
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/09/2015	ND	400	100	400	3.92	
TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	<10.0	10.0	03/09/2015	ND	220	110	200	4.65	
Surrogate: 1-Chlorooctane	85.3 %	6 47.2-15	7	·					
Surrogate: 1-Chlorooctadecane	91.9%	6 52.1-170	5						

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Celey & Keene



BBC International, Inc. Cliff Brunson P.O. Box 805

Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

03/06/2015

Sampling Date:

03/04/2015

Reported:

03/11/2015

Sampling Type:

Soil

Project Name:

CYPRESS 33 FEDERAL #6H

Sampling Condition:

Cool & Intact

Project Number:

OXY

Sample Received By:

Jodi Henson

Project Location:

RAWHIDE RD

Sample ID: SP 2 @ 1' (H500624-03)

BTEX 8021B	mg/l	kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	03/10/2015	ND	2.06	103	2.00	5.50	
Toluene*	< 0.050	0.050	03/10/2015	ND	1.86	93.2	2.00	5.62	
Ethylbenzene*	< 0.050	0.050	03/10/2015	ND	2.18	109	2.00	5.78	
Total Xylenes*	0.249	0.150	03/10/2015	ND	6.03	100	6.00	5.94	
Total BTEX	<0.300	0.300	03/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	124 %	61-154			i		·		***************************************
Chloride, SM4500CI-B	mg/l	кд	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	03/09/2015	ND	400	100	400	3.92	
TPH 8015M	mg/k	(g	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	10.8	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	431	10.0	03/09/2015	ND	220	110	200	4.65	
Surrogate: 1-Chlorooctane	95.1 %	6 47.2-157	7						
Surrogate: 1-Chlorooctadecane	102 %	52.1-176	5						

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BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

03/06/2015

Sampling Date:

03/04/2015

Reported:

03/11/2015

Sampling Type:

Soil

Project Name:

CYPRESS 33 FEDERAL #6H

Sampling Condition:

Cool & Intact

Project Number:

OXY

Sample Received By:

Jodi Henson

Project Location:

RAWHIDE RD

Sample ID: SP 2 @ 2' (H500624-04)

BTEX 8021B	021B mg/kg			ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2015	ND	2.06	103	2.00	5.50	
Toluene*	<0.050	0.050	03/10/2015	ND	1.86	93.2	2.00	5.62	
Ethylbenzene*	<0.050	0.050	03/10/2015	ND	2.18	109	2.00	5.78	
Total Xylenes*	<0.150	0.150	03/10/2015	ND	6.03	100	6.00	5.94	
Total BTEX	<0.300	0.300	03/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	114 9	% 61-154							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/09/2015	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS			5:		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	<10.0	10.0	03/09/2015	ND	220	110	200	4.65	
Surrogate: 1-Chlorooctane	91.0 9	% 47.2-152	7						
Surrogate: 1-Chlorooctadecane	96.8 9	% 52.1-176	5						

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BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

03/06/2015

Sampling Date:

03/04/2015

Reported:

Sampling Type:

Soil

DTEV 0034 D

03/11/2015

Project Name:

CYPRESS 33 FEDERAL #6H

Sampling Condition:

Cool & Intact

Project Number:

OXY

Sample Received By:

Jodi Henson

Project Location:

RAWHIDE RD

Sample ID: SP 2 @ 3' (H500624-05)

BTEX 8021B	mg,	'kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2015	ND	2.06	103	2.00	5.50	
Toluene*	< 0.050	0.050	03/10/2015	ND	1.86	93.2	2.00	5.62	
Ethylbenzene*	< 0.050	0.050	03/10/2015	ND	2.18	109	2.00	5.78	
Total Xylenes*	< 0.150	0.150	03/10/2015	ND	6.03	100	6.00	5.94	
Total BTEX	<0.300	0.300	03/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIE	114 9	% 61-154				, , , , , , , , , , , , , , , , , , , 			
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/09/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	<10.0	10.0	03/09/2015	ND	220	110	200	4.65	
Surrogate: 1-Chlorooctane	91.45	% 47.2-157	7						

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Celeg & Kreene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

03/06/2015

Sampling Date:

03/04/2015

Reported:

03/11/2015

Sampling Type:

Soil

Project Name:

CYPRESS 33 FEDERAL #6H

Sampling Condition:

Cool & Intact

Project Number:

OXY

Sample Received By:

Jodi Henson

Project Location:

RAWHIDE RD

Sample ID: SP 3 @ 1' (H500624-06)

BTEX 8021B	mg/	kg	Analyze	ed By: ms					- Alexandra and a little
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2015	ND	2.06	103	2.00	5.50	
Toluene*	0.077	0.050	03/10/2015	ND	1.86	93.2	2.00	5.62	
Ethylbenzene*	0.087	0.050	03/10/2015	ND	2.18	109	2.00	5.78	
Total Xylenes*	1.23	0.150	03/10/2015	ND	6.03	100	6.00	5.94	
Total BTEX	1.40	0.300	03/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	152 %	6 61-154							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	. Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	03/09/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	32.6	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	2090	10.0	03/09/2015	ND	220	110	200	4.65	
Surrogate: 1-Chlorooctane	102 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	120 %	52.1-176	5						

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Celey & Kreene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

03/06/2015

Sampling Date:

03/04/2015

Reported:

Sampling Type:

Soil

03/11/2015

Project Name:

CYPRESS 33 FEDERAL #6H

Sampling Condition:

Cool & Intact

Project Number:

OXY

Sample Received By:

Jodi Henson

Project Location:

RAWHIDE RD

Sample ID: SP 3 @ 2' (H500624-07)

BTEX 8021B	mg/	kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	03/10/2015	ND	2.06	103	2.00	5.50	
Toluene*	< 0.050	0.050	03/10/2015	ND	1.86	93.2	2.00	5.62	
Ethylbenzene*	< 0.050	0.050	03/10/2015	ND	2.18	109	2.00	5.78	
Total Xylenes*	< 0.150	0.150	03/10/2015	ND	6.03	100	6.00	5.94	
Total BTEX	<0.300	0.300	03/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	118 %	6 61-154							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/09/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	272	10.0	03/09/2015	ND	220	110	200	4.65	
Surrogate: 1-Chlorooctane	95.0 %	6 47.2-157	•		***************************************				
Surrogate: 1-Chlorooctadecane	103 %	52.1-176							

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*=Accredited Analyte

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Celeg to treene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

03/06/2015

Sampling Date:

03/04/2015

Reported:

03/11/2015

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Project Name:

CYPRESS 33 FEDERAL #6H

Project Number: Project Location: OXY **RAWHIDE RD**

Sample Received By:

Jodi Henson

Sample ID: SP 3 @ 3' (H500624-08)

BTEX 8021B		mg/kg		d By: ms			erand company and commenced		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	03/10/2015	ND	2.07	103	2.00	4.02	
Toluene*	< 0.050	0.050	03/10/2015	ND	1.91	95.7	2.00	2.62	
Ethylbenzene*	< 0.050	0.050	03/10/2015	ND 2.18		109	2.00	4.58	
Total Xylenes*	< 0.150	0.150	03/10/2015	ND	5.95	99.1	6.00	5.80	
Total BTEX	<0.300	0.300	03/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIE	114 %	6 61-154							
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/09/2015	ND	416	104	400	3.77	
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	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	<10.0	10.0	03/09/2015	ND	220	110	200	4.65	
Surrogate: 1-Chlorooctane	90.5 %	6 47.2-157	7						
Surrogate: 1-Chlorooctadecane	99.7 9	6 52.1-176	5						

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*=Accredited Analyte

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Celeny & Keene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

03/06/2015

Sampling Date:

03/05/2015

Reported:

03/11/2015

Sampling Type:

Soil

Project Name:

CYPRESS 33 FEDERAL #6H

Sampling Condition:

Cool & Intact

Project Number:

OXY

Sample Received By:

Jodi Henson

Project Location:

RAWHIDE RD

Sample ID: SP 4 @ 1' (H500624-09)

BTEX 8021B		mg/kg		ed By: ms					antherina - an a
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	03/10/2015	ND	2.07	103	2.00	4.02	
Toluene*	<0.050 0.050		03/10/2015	ND	1.91	95.7	2.00	2.62	
Ethylbenzene*	<0.050 0.050		03/10/2015	ND	2.18	109	2.00	4.58	
Total Xylenes*	< 0.150	0.150	03/10/2015	ND	5.95	99.1	6.00	5.80	
Total BTEX	<0.300	0.300	03/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	119 5	% 61-154	t.						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						,iii
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320 16.0 mg/kg		03/09/2015	ND	416	104	400	3.77	
TPH 8015M			Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	11.0	10.0	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	372	10.0	03/09/2015	ND	220	110	200	4.65	
Surrogate: 1-Chlorooctane	90.6	% 47.2-15	7						
Surrogate: I-Chlorooctadecane	88.2	% 52.1-17	6						

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Celeg & Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: Reported: 03/06/2015

03/11/2015

CYPRESS 33 FEDERAL #6H

Project Name: Project Number:

Project Location:

OXY

RAWHIDE RD

Sampling Date:

Sampling Type:

03/05/2015

ng Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: SP 4 @ 2' (H500624-10)

BTEX 8021B		kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050 0.050		03/10/2015	03/10/2015 ND		103	2.00	4.02	
Toluene*	<0.050	0.050	03/10/2015	ND	1.91	95.7	2.00	2.62	
Ethylbenzene*	<0.050	0.050	03/10/2015	ND	2.18	109	2.00	4.58	
Total Xylenes*	<0.150	0.150	03/10/2015	ND	5.95	99.1	6.00	5.80	
Total BTEX	<0.300	0.300	03/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	1169	61-154							
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP			<u> </u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208 16.0		03/09/2015 ND		416	104	400	3.77	
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	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	<10.0	10.0	03/09/2015	ND	220	110	200	4.65	
Surrogate: 1-Chlorooctane	84.3 %	6 47.2-15	7			***************************************			
Surrogate: 1-Chlorooctadecane	89.5 %	6 52.1-170	5						

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Celey & Kune

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received: Reported: 03/06/2015

03/11/2015

CYPRESS 33 FEDERAL #6H

Project Name: Project Number:

Project Location:

OXY RAWHIDE RD Sampling Date:

Sampling Type:

03/05/2015

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 4 @ 3' (H500624-11)

BTEX 8021B	mg/	kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/10/2015	ND	2.07	103	2.00	4.02	
Toluene*	< 0.050	0.050	03/10/2015	ND	1.91	95.7	2.00	2.62	
Ethylbenzene*	< 0.050	0.050	03/10/2015	ND	2.18 109		2.00	4.58	
Total Xylenes*	< 0.150	0.150	03/10/2015	ND	5.95	99.1	6.00	5.80	
Total BTEX	<0.300	0.300	03/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	114 %	6 61-154	!		***************************************				
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/09/2015	ND	416	104	400	3.77	
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	03/09/2015	ND	209	104	200	4.63	
DRO >C10-C28	<10.0	10.0	03/09/2015	ND	220	110	200	4.65	
Surrogate: 1-Chlorooctane	83.2 %	6 47.2-15	7	·					
Surrogate: 1-Chlorooctadecane	87.7 %	6 52.1-17	6						

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*=Accredited Analyte

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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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Celeg & Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

и		,
Company Name: BBC International, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:	
Address: P.O. Box 805	Company:	
City: Hobbs State: NM Zip: 88241	Attn:	
Phone #: 575-397-6388 Fax #: 575-397-0397	Address:	
Project #: Project Owner: OXY	city: M	
Project Name: Cysic 55 33 Footers 1 6 ft 1	State: Zip:	
Project Location: Rank Co	#	
Sampler Name: Voft O, 40 /5 5	Fax #:	
	MATRIX PRESERV SAMPLING	
NERS VATER		
华	OIL SLUDGE OTHER: ACID/BAS ICE/COC OTHER: DATE	
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m m	X 1/2 3/6 X	***
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PLEASE NOTE: Liability and Damages Cardina'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 neighgence and any other cause whatevers shall be deemed waived unless made in writing and received by Cardina's within 30 days after completion of the applicable service in no event shall Cardinal be liable for incidental or consequently all days after including which are completed and applicable.	d in contract or tort shall be limited to the amount paid by the client for the nowling and received by Cardinal within 30 days after completion of the applicable second to the second	
Relinquished By: Date: Received Rv:		
11me: 00 Jenne	Fax Result: REMARKS:	□ Yes □ No Add'I Fax#:
y:		
Jennifer Gulley "10170 MM	Junson	
0	Sample Condition CHECKED BY: Cool Intact (Initials)	
Sampler - UPS - Bus - Other:	S	

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476		
Company Name: BBC International, Inc.	07.77/8	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:	
Address: P.O. Box 805	Company:	
city: Hobbs State: NM Zip: 88241	Attn:	

company Name:	BBC International, Inc.		BILL TO			A	ANALYSIS REQUEST	
roject Manager:	Cliff Brunson		P.O. #: *					
Address: P.O. Box 805	Box 805		Company:					
ity: Hobbs	State: NM	Zip: 88241	Attn:					
hone #: 575-397-6388	Fax #:	575-397-0397	Address:					
roject #:	Project Owner:	er; DXV	city: UM					-
roject Name: (101055 33 Feller	164	State: Zip:					
roject Location:	hole		Phone #:	_				
Sampler Name:	10001		Fax #:					
FOR LAB USE ONLY		MATRIX	PRESERV SAMPLING	NG NG	24			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: CE/COOL OTHER:	TIME 87	Ty	. 61-		
	50403) X	× 2	1639 >	X	1		
				-				
LEASE NOTE: Liability and	LEASE NOTE: Liability and Damages. Cardina'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	or any claim arising whether based in contra	ct or tort, shall be limited to the amount paid	by the client for the	F		-	L
nalyses. All claims including ervice. In no event shall Can filiates or successors arising	nayes. All claims including those for negligence and any other cause windscewer shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable enrice. In no event shall Cardinal be liable for incidental or corresquental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, inflates or successors arising_ball of or related to the performance of services hereunded by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	be deemed waived unless made in writing a fing without limitation, business interruptions y Cardinal, regardless of whether such claim	nd received by Cardinal within 30 days after , loss of use, or loss of profits incurred by do n is based upon any of the above stated rea	r completion of the appix sent, its subsidiaries, isons or otherwise.	cable			
Relinquished By:	Date:	Received By:		Phone Result:	□ Yes	N N	Add'l Phone #:	
1/2/1/	1	1	Colkey	REMARKS:	3	ā	AUU I FAX#.	
Jennifer	Jennifur Gelley Time:	Received by:	Henson					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool Intact Cool Sample Condition	tion CHECKED BY: (Initials)					
			- X					

† Cardinal cannot accept verbal changes. Please fax written changes to 505-3935476

Page 15 of 15

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised October 10, 2003
Submit 2 Copies to appropriate

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

Release Notification and Corrective Action

												Final Report
		Oxy Permia			C	ontact C	J Summers					
		tanolind Rd,		VM_	_ T	elephone N	No. (575) 397-	-8216				
Facility Nat	ne Cypro	ess 33 Federa	al #6H		F	acility Typ	e Well location	on				-
Surface Ow	ner BLN	1		Mineral Own	er				API No	. 30-015-41	.557	
				LOCATI	(AN	OF DEI	FACE	,,			***	
Unit Letter	Section	Township	Range			outh Line	Feet from the	East/We	agt Time	Country		
omi Better	Section	Township	Range	rect from the	ים /נגוו גע	oum rine	reet from the	East we	est Line	County		
Α	33	23S	29E	466	N	orth	1040	Ea	ast	Eddy		
			Ι	atitude <u>N 32.2668</u>	<u>5°</u>	Longitu	de <u>W 103.98463</u>	<u>3°</u>				
				NATUR	RE C	OF RELI	EASE					
Type of Relea						Volume of	Release 10 bbl	ls '	Volume R	lecovered () bbls	
Source of Rel the well head	ease Exce to blow off	ss pressure ca	used the s	tuffing box packing or		Date and H 11/06/2014	our of Occurrence	e 1	Date and 1	Hour of Disc	overy	
Was Immedia	ite Notice C				_	If YES, To	Whom?					
			Yes	No Not Requir	red	Mike Bratc	her, Heather Patte	erson-NM	IOCD; So	l Hughes-BL	M	ĺ
By Whom?		vis, BBC Inter	national			Date and H	our 11/07/2014	@ 9:42	am			
Was a Watero	ourse Reac		Yes 🏻	No		If YES, Vo	lume Impacting th	ne Watero	course.			
If a Watercourse was Impacted, Describe Fully.*												
n a watercourse was impacted, Describe runy."												
Describe Cau	se of Proble	m and Remed	ial Action	Taken.*								
Excess masses			1	4111 1 / 11	c	20 11 1 1	0.1.1. 0.11					
stuffing box p	acking was	replaced.	c packing	on the well head to blo	ow or	Tang leak I	O obis of oil onto	tne grour	id. No ili	aids were rec	overec	and the
Describe Area	Affected a	nd Cleanup A	ction Take	en.*								
TEL CC + 1		1 . 501	1501	1 2 20 11 1								
BLM,	rea is appro	oximately 50°.	x 150' on	location. Remediatio	n will	l be complet	ed in accordance	a remedi:	ation plan	approved by	/ NMC	OCD and the
DEAT.												
I hereby certif	y that the in	nformation giv	en above	is true and complete t	o the	best of my k	nowledge and un	derstand	that pursu	ant to NMO	CD ru	les and
regulations all	operators a	are required to	report and	d/or file certain release	e noti	fications and	d perform correcti	ive action	is for rele	ases which n	iav en	danger
public health of	or the enviro	onment. The a	acceptance	of a C-141 report by	the N	MOCD ma	rked as "Final Rep	port" doe	s not relie	eve the opera	tor of I	liability
or the environ	ment. In ad	dition NMO	iequatery . CD accent	investigate and remed ance of a C-141 repor	nate c	ontaminano s not relieve	n that pose a threa	at to grou	ind water,	surface wate	er, hun	nan health
federal, state,	or local law	s and/or regul	ations,	unce of a Contact repor	i doc	s not toneve	the operator of re	zsponstot.	iity ioi co	impirance wi	ш апу	outer
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Ci ou naturana	7		THE PERSON NAMED IN COLUMN 2 I									
Signature:					╣.							
Printed Name:	Chancey	Summers			Ap	proved by I	District Supervisor	r: 		·		
Title: HES	Specialist				Ap	proval Date	:	Ex	piration D	Pate:		
E-mail Addres	s: Chanc	ey.Summers@	oxy.com		Co	nditions of A	Approval:					
11/1	3/14			- (EEE) 207 921 C			The terr			Attached		
Date: /// Attach Additi	onal Sheet	s If Necessar		e: (575) 397-8216								