



CHEVRON – LENTINI 1 FEDERAL BATTERY

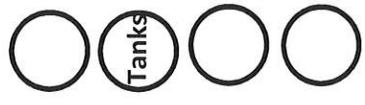
REMEDIATION PLAN

Chevron will excavate the spill area as depicted on the following site diagram. The entire spill area will be excavated to a depth of 6 inches. The entire site will be backfilled with clean soil and then re-seeded with the appropriate seed mix.

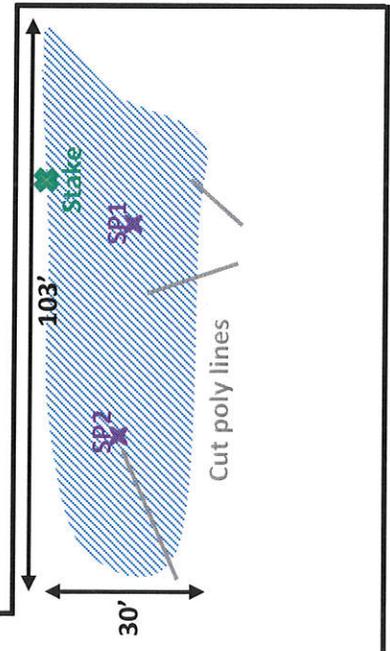
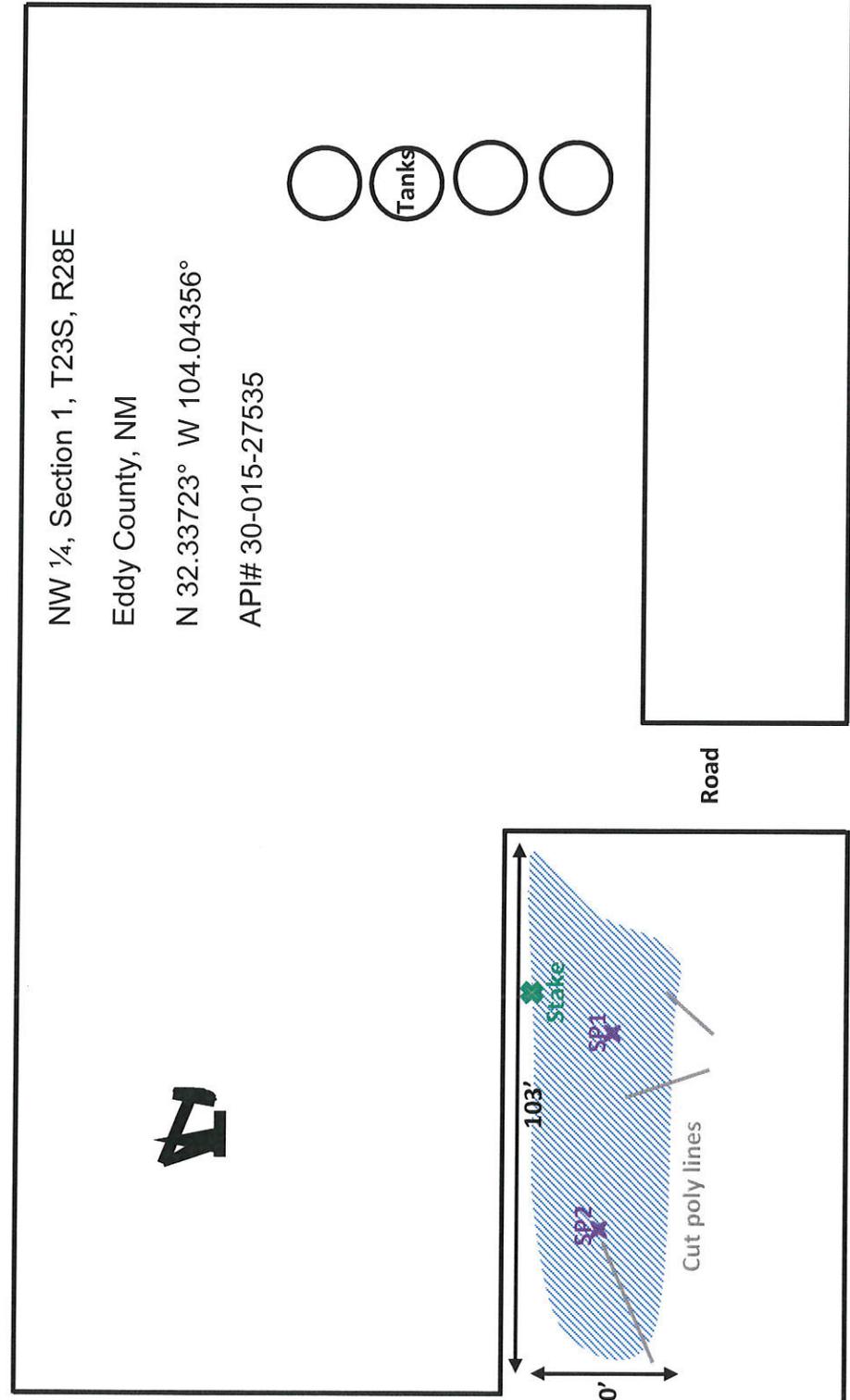
All excavated materials will be disposed of at an NMOCD-approved disposal facility.

Chevron
Lentini 1 Federal Battery

NW ¼, Section 1, T23S, R28E
Eddy County, NM
N 32.33723° W 104.04356°
API# 30-015-27535



Road



CR 605

BBC International, Inc.	
Chevron	
Lentini 1 Federal Battery	
Date: 04/28/2016	DRWG by: K. Purvis
NOT TO SCALE	File: Chevron 2016



Groundwater Plot

Chevron Lentini 1 Federal Battery

County
Eddy

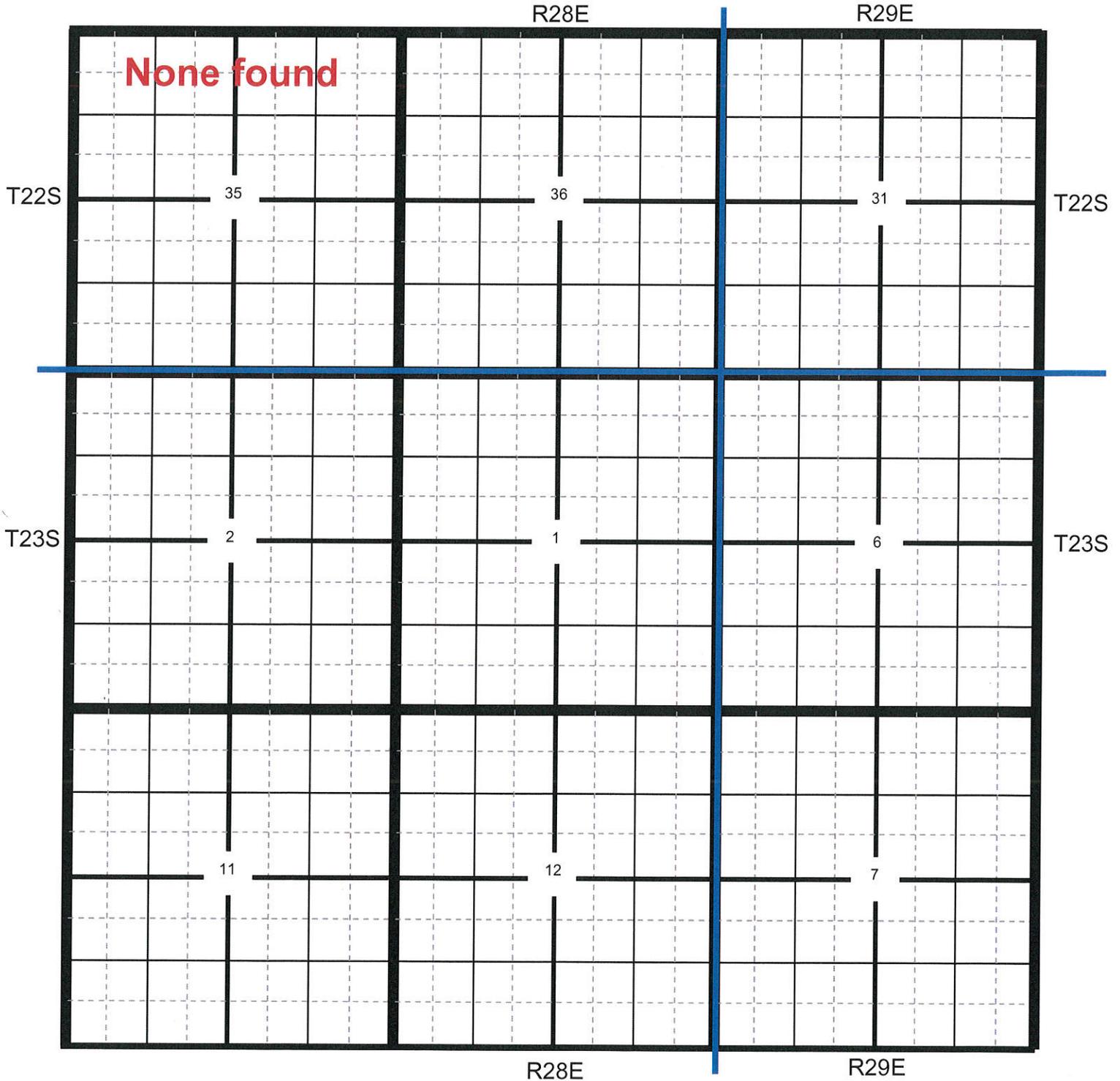
Unit Letter
NW ¼

Section
1

Township
23S

Range
28E

Trend Map <50'



📍 Location

● OCD

● USGS

● SEO

● All Databases

Chevron Lentini 1 Federal Battery

County Eddy
 Unit Letter NW ¼
 Section 1
 Township 23S
 Range 28E

Trend Map <50'

1

2

NW/NW None found	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
Lentini 1 Federal Battery

Analyte	Method	Sample		SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'
		Date		5/11/16 mg/Kg	5/11/16 mg/Kg	5/11/16 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	SM4500C1-B			1440	128	96
GRO	TPH 8015M			<10.0	n/a	n/a
DRO	TPH 8015M			89	n/a	n/a

Analyte	Method	Sample		SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'
		Date		5/11/16 mg/Kg	5/11/16 mg/Kg	5/11/16 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	SM4500C1-B			288	80	80
GRO	TPH 8015M			<10.0	n/a	n/a
DRO	TPH 8015M			85.2	n/a	n/a

May 19, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: LENTINI 1 FED BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/17/16 14:35.

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:	05/17/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	LENTINI 1 FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHEVRON		

Sample ID: SP 1 @ SURFACE (H601083-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/18/2016	ND	2.14	107	2.00	2.44		
Toluene*	<0.050	0.050	05/18/2016	ND	2.07	104	2.00	2.64		
Ethylbenzene*	<0.050	0.050	05/18/2016	ND	1.86	93.0	2.00	2.09		
Total Xylenes*	<0.150	0.150	05/18/2016	ND	5.79	96.5	6.00	1.97		
Total BTEX	<0.300	0.300	05/18/2016	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 100 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1440	16.0	05/18/2016	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	05/17/2016	ND	184	91.8	200	5.76		
DRO >C10-C28	89.0	10.0	05/17/2016	ND	206	103	200	4.49		

Surrogate: 1-Chlorooctane 81.5 % 35-147

Surrogate: 1-Chlorooctadecane 99.2 % 28-171

Sample ID: SP 1 @ 1' (H601083-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/18/2016	ND	416	104	400	3.77		

Cardinal Laboratories

*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/17/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	LENTINI 1 FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHEVRON		

Sample ID: SP 1 @ 2' (H601083-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/18/2016	ND	416	104	400	3.77		

Sample ID: SP 2 @ SURFACE (H601083-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/18/2016	ND	2.14	107	2.00	2.44		
Toluene*	<0.050	0.050	05/18/2016	ND	2.07	104	2.00	2.64		
Ethylbenzene*	<0.050	0.050	05/18/2016	ND	1.86	93.0	2.00	2.09		
Total Xylenes*	<0.150	0.150	05/18/2016	ND	5.79	96.5	6.00	1.97		
Total BTEX	<0.300	0.300	05/18/2016	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 99.5 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	05/18/2016	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	05/18/2016	ND	169	84.4	200	0.716		
DRO >C10-C28	85.2	10.0	05/18/2016	ND	177	88.3	200	0.925		

Surrogate: 1-Chlorooctane 81.7 % 35-147

Surrogate: 1-Chlorooctadecane 95.9 % 28-171

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*=Accredited Analyte

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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:	05/17/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	LENTINI 1 FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHEVRON		

Sample ID: SP 2 @ 1' (H601083-05)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/18/2016	ND	416	104	400	3.77	

Sample ID: SP 2 @ 2' (H601083-06)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/18/2016	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

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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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

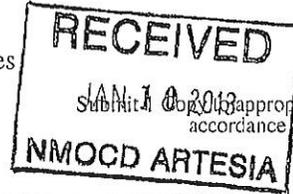
Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P. O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: <u>Leitm 1 Fed Bldg</u> Project Location: _____ Sampler Name: <u>Cliff Brunson</u>		P.O. #: Company: Attn: Address: City: State: Phone #: Fax #:	
FOR LAB USE ONLY Lab I.D. <u>H100183</u> Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE: ICE / COOL OTHER :	
Date: <u>5/11/16</u> Time: <u>5:00pm</u> Date: <u>5/11/16</u> Time: <u>2:35</u>		DATE TIME CL TPH BTEX	
Relinquished By: _____ Date: _____ Time: _____		RECEIVED BY: <u>Cliff Brunson</u> Date: _____ Time: _____	
Delivered By: (Circle One) UPS - Bus - Other: <u>5:22</u>		CHECKED BY: _____ Initials: _____	
Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____	
REMARKS: _____			

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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476
collected 5:30
#54

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

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



Form C-141
Revised August 8, 2011

Submit to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

nJMW 1302234481

OPERATOR

Initial Report Final Report

Name of Company: Chevron USA <i>4323</i>	Contact: Amy Barnhill
Address: 2401 Avenue O Eunice, NM 88231	Telephone No.: 432-940-8524
Facility Name: Lentini I Federal Battery	Facility Type: Tank Battery

Surface Owner: BLM	Mineral Owner: BLM	API No. <i>30-015-27535</i>
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	1	23	28					Eddy

Latitude: 32.33380 Longitude: -104.04287

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 46.925 Bbls	Volume Recovered: 30 Bbls
Source of Release: Flowline	Date and Hour of Occurrence: 12-1-12	Date and Hour of Discovery: 12-1-12 @ 8:50am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Called 575-393-6161 E.L. Gonzales	
By Whom? Amy Barnhill	Date and Hour: 12-2-12 @ 11:00am	
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.* Pin hole in pipe body. Switched valves so flow stopped. Called vacuum truck to pick up fluid.		
Describe Area Affected and Cleanup Action Taken.* .75' x 27' x 156'. Vacuum truck picked up 30 Bbls of BS & W. Further remediation will be performed in accordance with a NMOCD approved remediation plan.		
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.		

OIL CONSERVATION DIVISION

Signature:	Approved by Environmental Specialist:	Signed By: <i>Mike Brannon</i>
Printed Name: Amy Barnhill	Approval Date: <i>JAN 22 2013</i>	Expiration Date:
Title: HE Specialist	Conditions of Approval:	
E-mail Address: ABarnhill@chevron.com	Remediation per OCD Rule & Guidelines. SUBMIT REMEDIATION PROPOSAL NO LATER THAN:	
Date: 12-2-2012 Phone: 432-940-8524	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

February 22, 2013

2RP-1510