

Bratcher, Mike, EMNRD

From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Wednesday, January 16, 2013 2:40 PM
To: Bratcher, Mike, EMNRD
Cc: Bradley Blevins; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Chevron-Government D #4-Remediation Plan
Attachments: Remediation Packet-GovtD4.pdf

Mike,

This e-mail is to confirm our discussion on January 14, 2013 concerning the remediation plan for the release that occurred at the Chevron Government D #4 tank battery. I have attached the site drawing and the summary of the laboratory data we reviewed during our discussion for your files. As agreed, Chevron will excavate impacted soils in the areas of SP1, SP2, and SP3 to a depth of 2 feet. In the area around SP4, the excavation will be 5 feet in depth then a compacted clay liner will be installed. In the areas depicted on the drawing by SP5, SP6, SP7, SP8, and SP9, the soil will be excavated to a depth of 1.5 feet. Confirmation sidewall samples will be taken from the 5 foot excavation around SP4 and analyzed for TPH, BTEX, and Chloride. These sample results will be forwarded to the OCD and discussed to obtain backfill approval. Once backfill approval is received, the site will be backfilled with clean soil. The depth to groundwater in this area is less than 50 feet.

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

Chevron and I thank you for your assistance in handling this matter.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
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World-Wide Environmental Specialists
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Hobbs, NM 88241-0805 USA
Shipping Address:
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Chevron

Government D #4

Firewall

71'

Firewall

Well head

SP1

SP2

Leak point

SP3

Firewall

SP4

Leak area

Fence

T

T

Pump

Electrical

15'

Road

Road

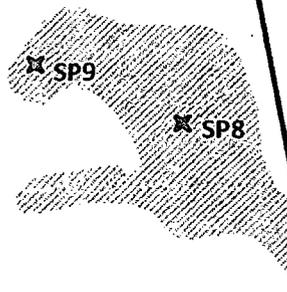
Road

Road

Road

Road

522'



U/L G, Section 1, T21S, R27E
1554' FNL and 1980' FEL
Eddy County, NM
GPS: N 32.51812° W 104.14147°
API# 30-015-24921

BBC International, Inc.	
Chevron	
Government D #4	
Date: 12/11/12	DRWG by: K. Purvis
NOT TO SCALE	File: Chevron 2012

**Laboratory Analytical Results Summary
Government D #4**

Analyte	Method	Sample Date	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 4'
			12/6/12	12/6/12	12/6/12
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	<0.050	n/a
Toluene	BTEX 8021B		n/a	<0.050	n/a
Ethylbenzene	BTEX 8021B		n/a	<0.050	n/a
Total Xylenes	BTEX 8021B		n/a	<0.150	n/a
Total BTEX	BTEX 8021B		n/a	<0.300	n/a
Chloride	SM4500Cl-B		30400	1730	192
GRO	TPH 8015M		n/a	<10.0	n/a
DRO	TPH 8015M		n/a	<10.0	n/a

Analyte	Method	Sample Date	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 3'	SP2 @ 5'
			12/6/12	12/6/12	12/6/12	12/6/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		32000	6560	736	192
GRO	TPH 8015M		n/a	n/a	n/a	n/a
DRO	TPH 8015M		n/a	n/a	n/a	n/a

Analyte	Method	Sample Date	SP3 @ SURFACE	SP3 @ 2'	SP3 @ 3'
			12/6/12	12/6/12	12/6/12
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a	n/a
Chloride	SM4500Cl-B		50400	576	112
GRO	TPH 8015M		n/a	n/a	n/a
DRO	TPH 8015M		n/a	n/a	n/a

Analyte	Method	Sample Date	SP4 @ SURFACE	SP4 @ 1'	SP4 @ 3'	SP4 @ 6'	SP4 @ 9'	SP4 @ 11'
			12/7/12	12/7/12	12/7/12	12/7/12	12/7/12	12/7/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		58400	6000	2360	3720	5000	80
GRO	TPH 8015M		n/a	<50.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		n/a	3070	n/a	n/a	n/a	n/a

**Laboratory Analytical Results Summary
Government D #4**

Analyte	Method	Sample Date	SP5 @ SURFACE	SP5 @ 1'	SP5 @ 3'
			12/7/12	12/7/12	12/7/12
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a	n/a
Chloride	SM4500Cl-B		45200	336	112
GRO	TPH 8015M		n/a	n/a	n/a
DRO	TPH 8015M		n/a	n/a	n/a

Analyte	Method	Sample Date	SP6 @ SURFACE	SP6 @ 1'	SP6 @ 2'
			12/7/12	12/7/12	12/7/12
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a	n/a
Chloride	SM4500Cl-B		16800	176	96
GRO	TPH 8015M		n/a	n/a	n/a
DRO	TPH 8015M		n/a	n/a	n/a

Analyte	Method	Sample Date	SP7 @ SURFACE	SP7 @ 1'	SP7 @ 3'
			12/7/12	12/10/12	12/10/12
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a	n/a
Chloride	SM4500Cl-B		18000	944	128
GRO	TPH 8015M		n/a	n/a	n/a
DRO	TPH 8015M		n/a	n/a	n/a

Analyte	Method	Sample Date	SP8 @ SURFACE	SP8 @ 1'	SP8 @ 2'
			12/10/12	12/10/12	12/10/12
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	<0.050	n/a
Toluene	BTEX 8021B		n/a	<0.050	n/a
Ethylbenzene	BTEX 8021B		n/a	<0.050	n/a
Total Xylenes	BTEX 8021B		n/a	<0.150	n/a
Total BTEX	BTEX 8021B		n/a	<0.300	n/a
Chloride	SM4500Cl-B		1060	800	144
GRO	TPH 8015M		n/a	<10.0	n/a
DRO	TPH 8015M		n/a	<10.0	n/a

**Laboratory Analytical Results Summary
Government D #4**

Analyte	Method	Sample Date	SP9 @ SURFACE	SP9 @ 1'	SP9 @ 2'
			12/7/12	12/10/12	12/10/12
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	n/a	n/a
Chloride	SM4500Cl-B		1280	528	192
GRO	TPH 8015M		n/a	n/a	n/a
DRO	TPH 8015M		n/a	n/a	n/a



Groundwater Plot

Chevron Government D #4

County
Eddy

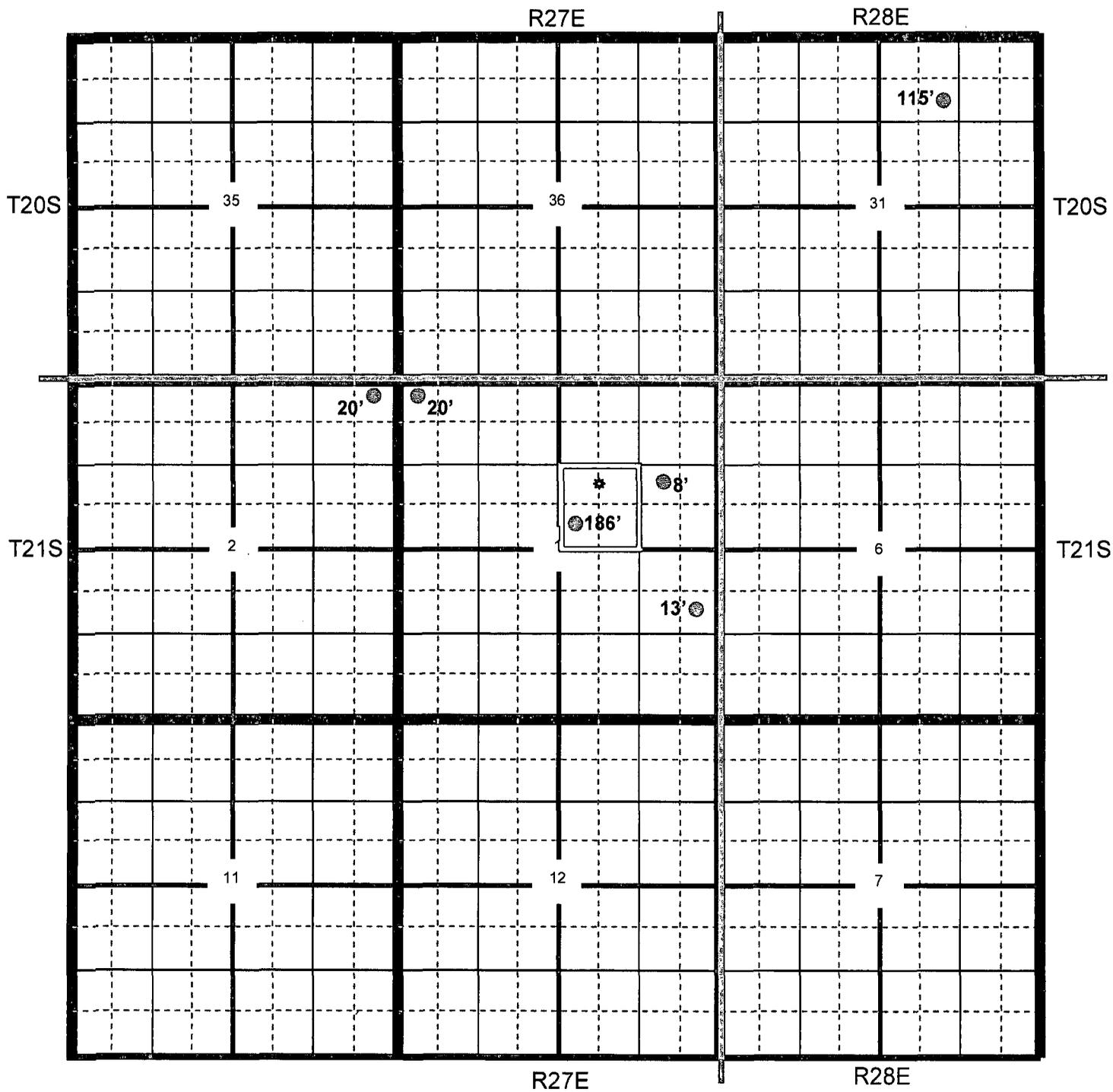
Unit Letter
G

Section
1

Township
21S

Range
27E

Trend Map <50'



★ Location

⊙ OCD

○ USGS

● SEO

● All Databases



Section Quarters

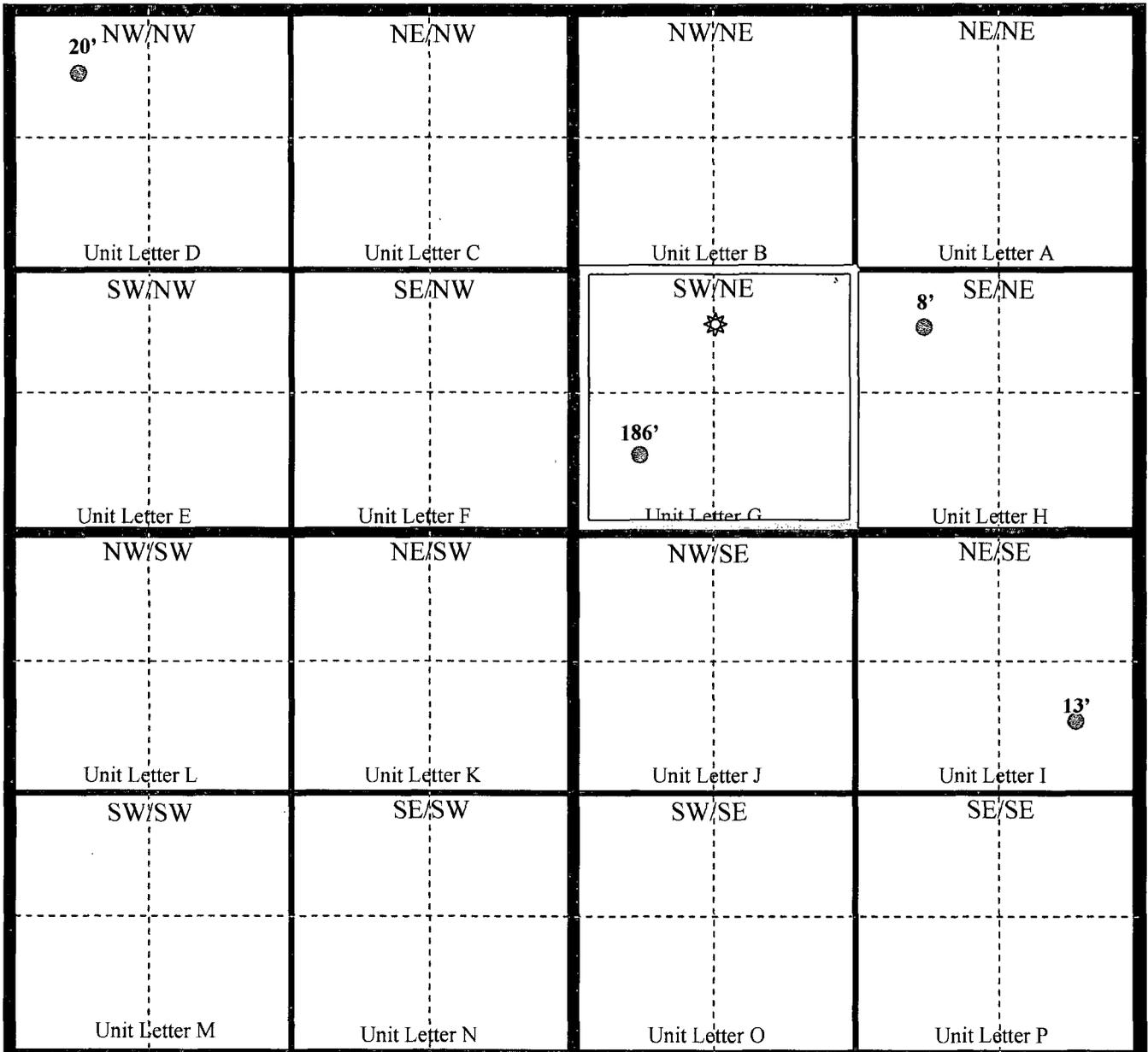
Chevron Government D #4

County Eddy	Unit Letter G	Section 1	Township 21S	Range 27E
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Trend Map <50'

1

2



3

4

★ Location ● OCD ○ USGS ● SEO ● All Databases

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
District Office in accordance
with Rule 116 on back
side of form

copy

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Chevron USA Inc.	Contact	Bradley Blevins
Address	PO Box 190, Hobbs, NM 88241	Telephone No.	(575) 391-1462
Facility Name	Government D #4	Facility Type	Well location
Surface Owner	Mineral Owner	Lease No. API#30-015-24921	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	1	21S	27E	1554	North	1980	East	Eddy County, NM

Latitude N 32.51812° Longitude W 104.14147°

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	90 bbls	Volume Recovered	70 bbls
Source of Release	Hole in the discharge	Date and Hour of Occurrence	12/03/2012 @ 2:00 pm	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		
By Whom?	Cliff Brunson for Bradley Blevins	Date and Hour	12/03/2012 @ 4:17 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.*

A hole in the discharge caused 90 bbls of produced water to leak onto the ground. 70 bbls of produced water were recovered via vacuum truck. The hole was repaired.

Describe Area Affected and Cleanup Action Taken.*

A hole in the discharge caused 90 bbls of produced water to leak onto the ground. 70 bbls of produced water were recovered via vacuum truck. 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: <i>Bradley Blevins</i>	Approved by District Supervisor:		
Printed Name: Bradley Blevins	Approval Date:	Expiration Date:	
Title: HES Specialist	Conditions of Approval:		
E-mail Address: Bradley.blevins@chevron.com			Attached <input type="checkbox"/>
Date: 12/11/12	Phone: (575) 391-1462		

* Attach Additional Sheets If Necessary