



February 17, 2025

District Supervisor
Oil Conservation Division, District 2
506 W. Texas
Artesia, New Mexico 88210

**Re: Closure Request
J R Oil, Ltd. Co.
MLMU #098 Flowline Release
Unit Letter L, Section 31, Township 23 South, Range 37 East
Lea County, New Mexico
Incident ID# nJXK1535150868
1RP-4033**

Sir or Madam,

Tetra Tech, Inc. (Tetra Tech) was contacted by JR Oil, Ltd. Co. (JR Oil) to evaluate a historical release associated with the Myers Langlie Mattix Unit #098 (MLMU 98). This historical release was initially associated with OXY USA WTP LIMITED PARTNERSHIP (Oxy), however, ownership of the well appears to have been transferred to J R Oil, Ltd. Co. on March 31, 2021. The release footprint is located in Public Land Survey System (PLSS) Unit Letter L, Section 31, Township 23 South, Range 37 East, in Lea County, New Mexico (Site). The coordinates listed on the C-141 are 32.25897°, -103.20735°, but based on a review of aerial imagery the inferred release point coordinates are 32.264330°, -103.214344°. The release location and approximate pad location is shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report, the release was discovered on April 10, 2014. The release occurred as a result of over pressure in a 3-inch poly flowline. Approximately 2 barrels (bbls) of crude oil and 18 bbls of produced water were released, of which none were recovered. The C-141 reports that the affected area is approximately 80' x 80' on and off location. The approximate release extent is shown in Figure 3.

The NMOCD approved the initial C-141 on April 10, 2014, and subsequently assigned the release the Incident ID nJXK1535150868 and the remediation permit (RP) number 1RP-4033. The initial C-141 form is included in Appendix A.

NMOCD CURRENT STATUS

The current status of incident ID nJXK1535150868, according to the NMOCD Permitting website, is listed as "Remediation Plan Approved, Pending submission of Remediation Closure Report from the operator". A review of documentation available through the NMOCD Imaging and Permitting websites found one document associated with the incident. The documentation appears to be related to incident correspondence and work from a prior consultant, BBC International, Inc. (BBC). The document contains email correspondence, a rudimentary figure, a basic site characterization, and laboratory analytical results associated with soil samples gathered from sample points within the incident release extent (remediation packet).

Tetra Tech

901 West Wall St., Suite 100, Midland, TX 79701

Tel 432.682.4559

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www.tetrattech.com

Closure Request
February 17, 2025

J R Oil, Ltd. Co.

BBC WORK AND EMAIL CORRESPONDENCE

From review, it appears BBC was contracted by the former operator (Oxy) to conduct an assessment of the release incident in April 2014. Four (4) locations (SP1 through SP4) were selected by BBC to collect soil samples to a maximum depth of 3 feet below ground surface (bgs) within the release extent and an apparent overspray area. A total of thirteen (13) soil samples were collected across the four sample points.

Laboratory analytical results associated with soil samples collected in April 2014 exceeded reclamation limits in the surface soil samples. The soil sample associated with SP3 at 1-foot exceeded reclamation limits for chlorides and DRO. Soil samples associated with SP3 and SP4 at 2 feet bgs exceeded reclamation limits for DRO. All other laboratory analytical results were below reclamation limits.

From review, it appears Cliff Brunson with BBC engaged Geoff Leking with NMOCD via email on June 26, 2014 regarding the assessment results (OXY-MLMU #98-Remediation Plan). A follow up email from Geoff Leking dated July 01, 2014 (entitled OCD Concurrence with Various OXY Remediation Plans) provided OCD concurrence on the *MLMU #98 - Remediation Plan*. The email correspondence references a "Remediation Packet" which appears to be the characterization, analytical data, and correspondence. An official Work Plan is not found in the online imaging files.

In this correspondence between BBC and Geoff Leking of the NMOCD Hobbs office, Mr. Brunson states *"As discussed, Oxy will back drag the spill area in the areas of SP1 and SP2. In the areas around SP3 and SP4, Oxy will excavate to a depth of 1 foot as depicted on the attached site diagram. Then the site will then be backfilled with clean soil."* On Tuesday, July 1, 2014, Geoff Leking responded confirming approval for the BBC work plan *"The OCD concurs with the: ... 6) OXY-MLMU Satellite #2-Remediation Plan"*.

BBC REMEDIAL ACTION AND CLOSURE REPORTING

During correspondence between Tetra Tech and JR Oil, an apparent closure report dated August 21, 2014, with a cover letter and a brief outline of the remedial activities completed by BBC was discovered. BBC states that remedial actions performed at the Site were in accordance with the OCD approved remediation plan. Based on a cursory review of aerial imagery, and in conjunction with the figure from the BBC documentation, an inferred release extent has been generated with the associated assessment sample locations. Figure 3 provides the inferred release extent and approximate sample locations.

Based on the available documentation, on August 11, 2014, BBC executed the OCD approved remediation by 'back dragging' (scraping) the areas around SP1 and SP2. Additionally, it appears that the areas around SP3 and SP4 were excavated to a depth of 1 foot. Aerial imagery corroborates the remedial actions. Soils in the approximate release extent area appear to be a different hue in available imagery from 2016.

Thereafter, it is assumed that BBC addressed the release areas described during the remedial activities and excavated areas were backfilled with clean soils. The Closure Report is included as Appendix B. Figure 4 indicates the remedial actions performed by BBC on behalf of the former operator Oxy.

CONCLUSION

Based on the age of the release and demonstrated remedial actions, J R Oil, Ltd. Co. respectfully requests closure for this incident. Release assessment and remediation activities completed for Incident ID nJXK1535150868 are well documented. A copy of the BBC documentation and regulatory correspondence are located on the NMOCD imagine website for incident ID nJXK1535150868. The remediation was completed to NMOCD standards of the period. A closure report was generated by BBC, with a Final C-141 page attached. In all likelihood, the report was emailed to the NMOCD as per previous submittal standards, but not reviewed as the document was likely received during a transition period to the current NMOCD guidelines and online submittal process.

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J R Oil, Ltd. Co.

The final C-141 forms are enclosed in Appendix A. These C-141 forms are signed by the previous operator and were included in the original documentation provided by BBC. If you have any questions concerning the remedial activities for the Site, please call me at (509) 768-2191.

Sincerely,
Tetra Tech, Inc.



Sam Chama, P.G.
Project Geologist



Christian M. Llull, P.G.
Program Manager

Closure Request
February 17, 2025

J R Oil, Ltd. Co.

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent
- Figure 4 – Inferred Remediation Extents

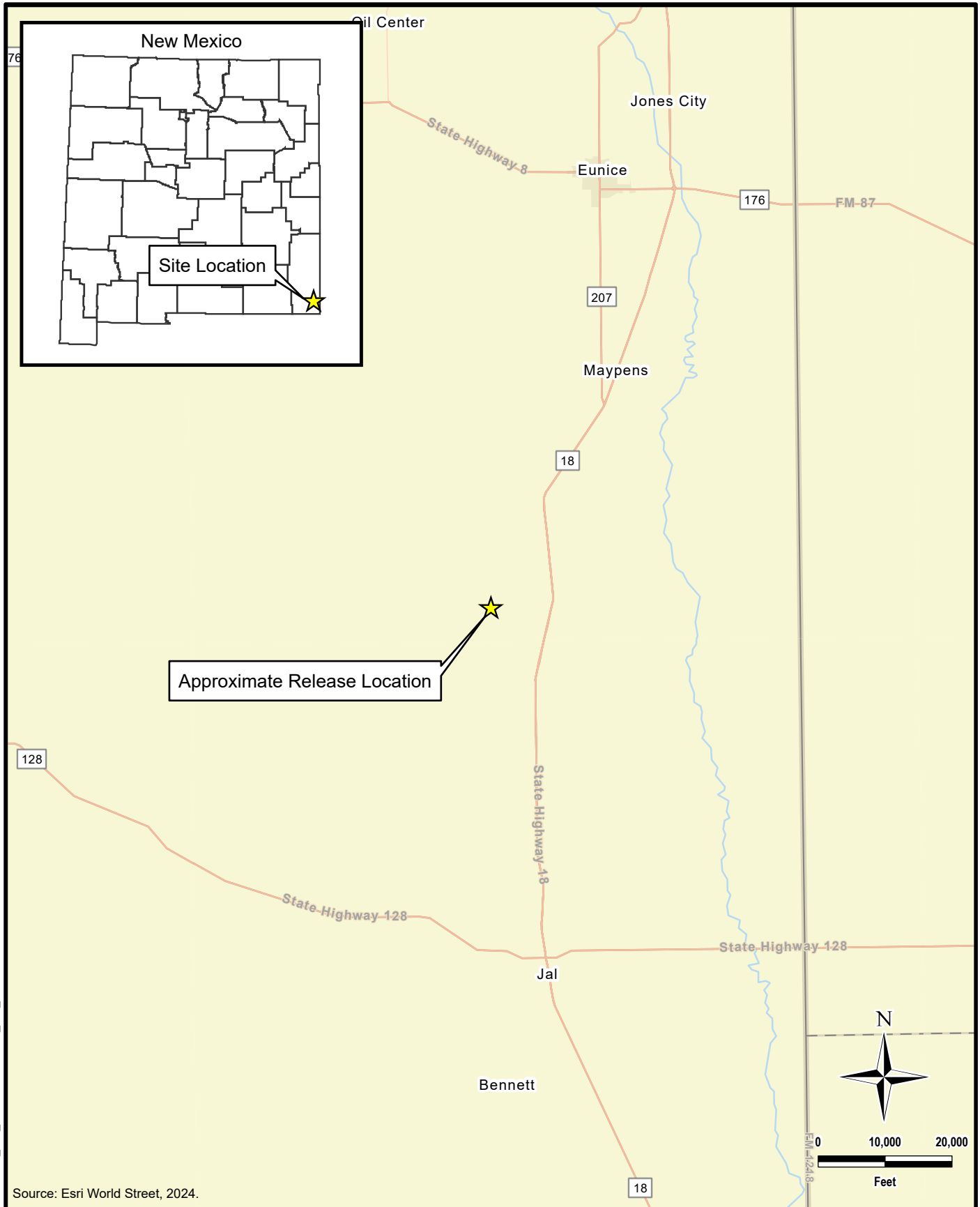
Tables:

- Table 1 – 2014 BBC Soil Assessment - nJXK1535150868

Appendices:

- Appendix A – C-141 Forms
- Appendix B – BBC Closure Report

FIGURES



DOCUMENT PATH: Y:\UR_OIL\MLMU_098_FLOWLINE\MLMU_098_FLOWLINE.APRX

Source: Esri World Street, 2024.



TETRA TECH

www.tetrattech.com

901 West Wall Street, Suite 100
Midland, Texas 79701
Phone: (432) 682-4559
Fax: (432) 682-3946

JR OIL, LTD. CO.

NJXK153515086
(32.264330°, -103.214344°)
LEA COUNTY, NEW MEXICO

**MLMU #098
OVERVIEW MAP**

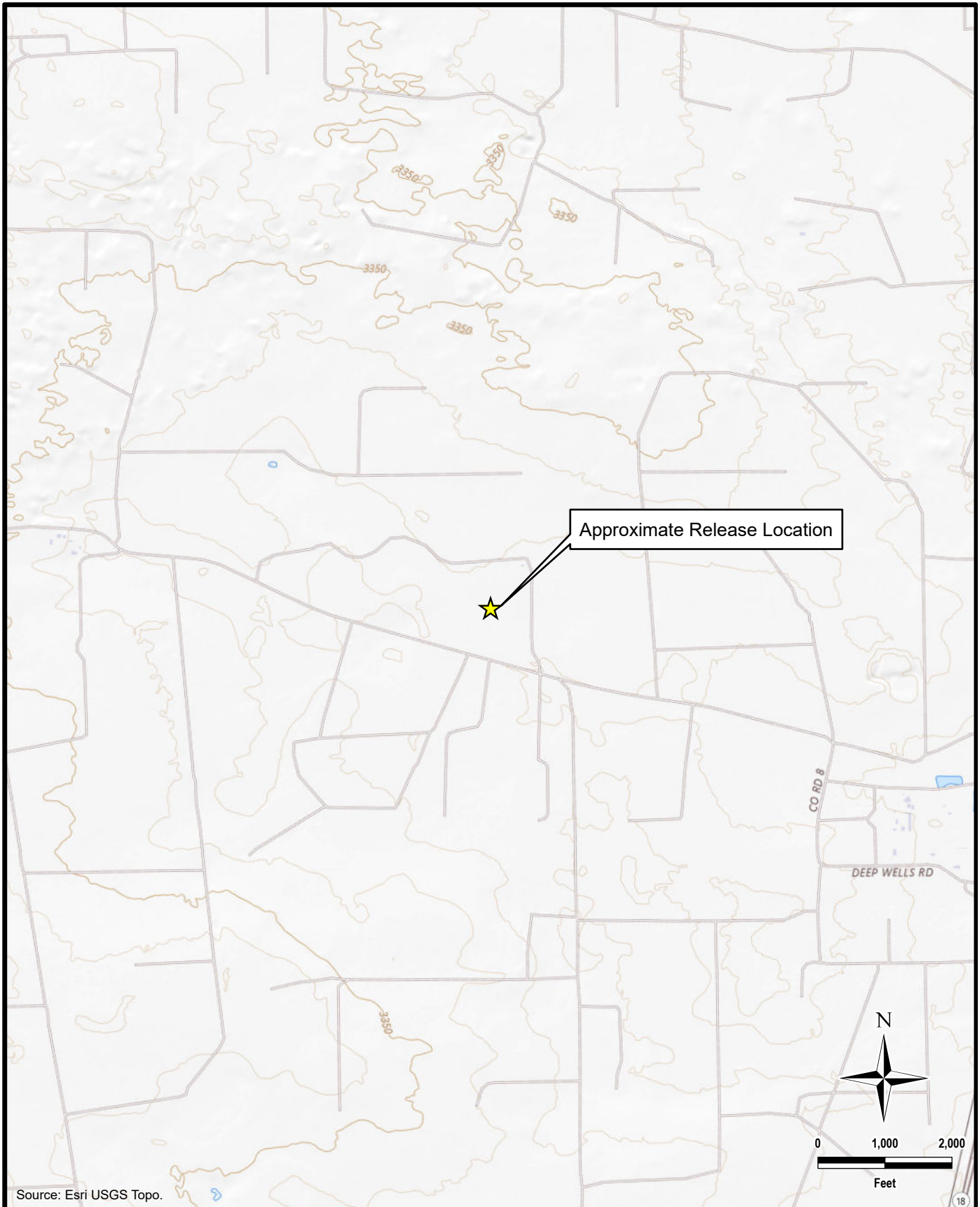
PROJECT NO.: 212C-MD-03536

DATE: JANUARY 27, 2025

DESIGNED BY: LMV

Figure No.

1



Source: Esri USGS Topo.



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NJXK153515086
(32.264330°, -103.214344°)
LEA COUNTY, NEW MEXICO

**MLMU #098
TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-03536

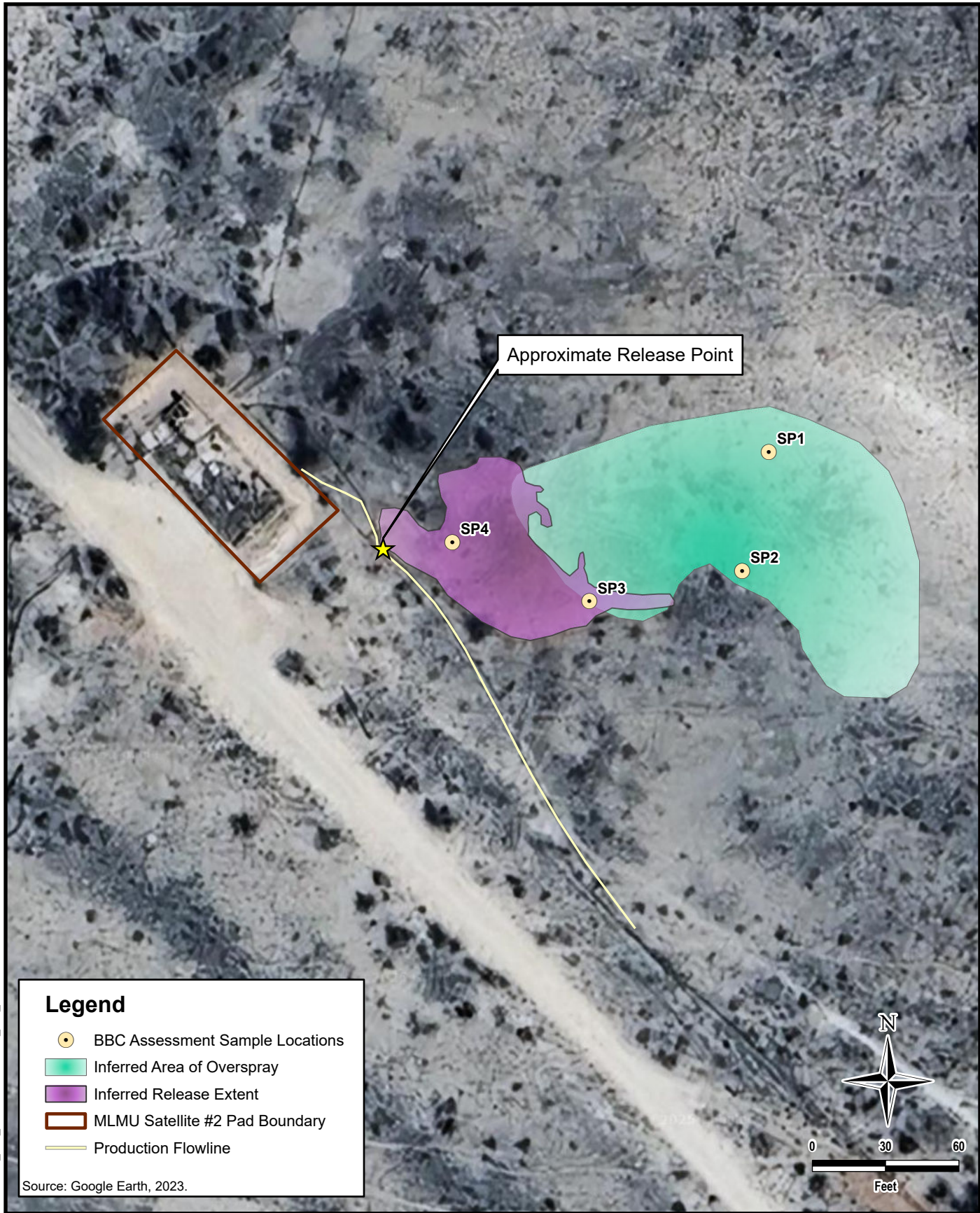
DATE: JANUARY 27, 2025

DESIGNED BY: LMV

Figure No.

2

DOCUMENT PATH: Y:\JR_OIL\MLMU_098_FLOWLINE\MLMU_098_FLOWLINE.APRX



Legend

- BBC Assessment Sample Locations
- Inferred Area of Overspray
- Inferred Release Extent
- MLMU Satellite #2 Pad Boundary
- Production Flowline

Source: Google Earth, 2023.



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(32.264330°, -103.214344°)
LEA COUNTY, NEW MEXICO

MLMU #098

APPROXIMATE RELEASE EXTENT

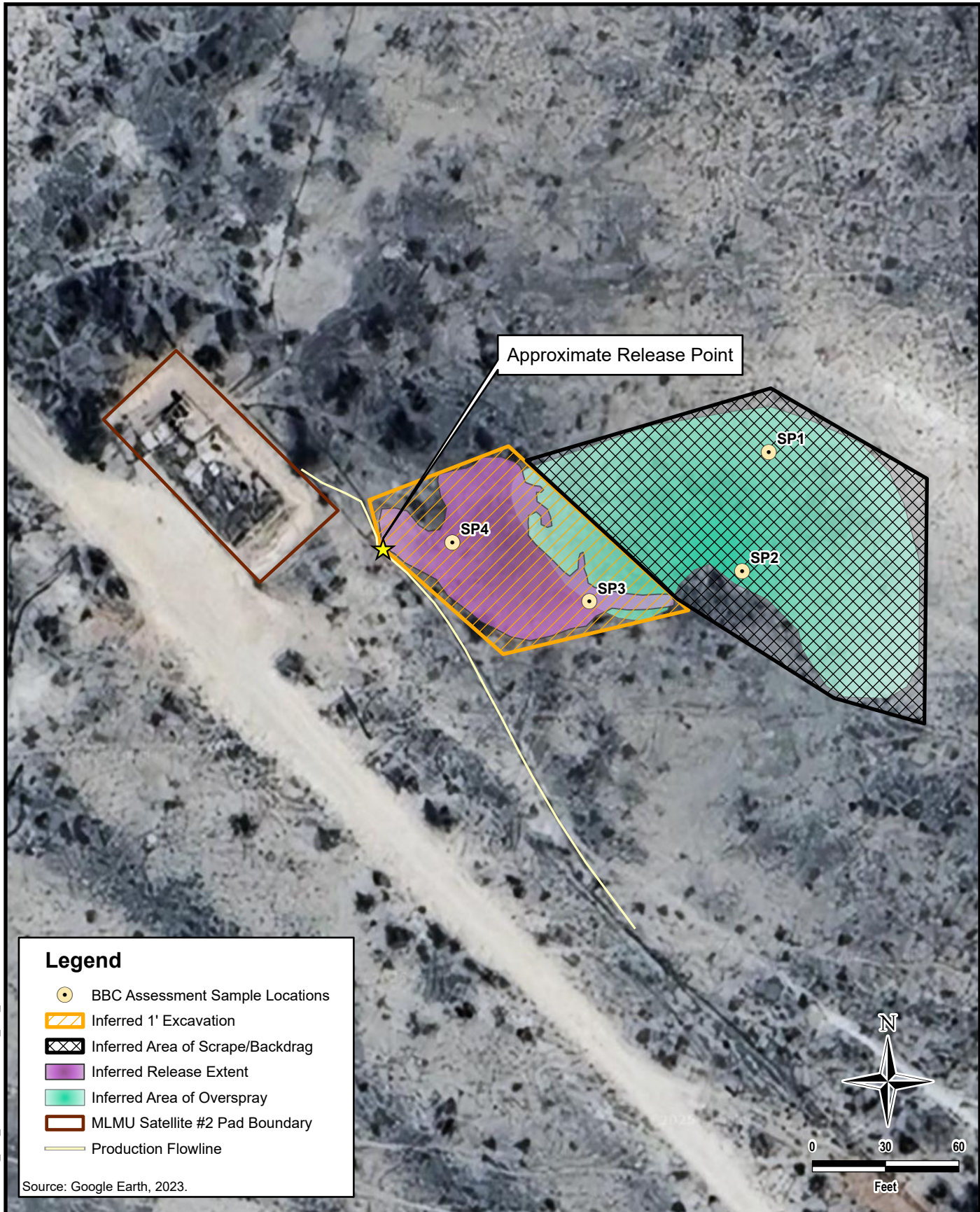
PROJECT NO.: 212C-MD-03536

DATE: FEBRUARY 05, 2025

DESIGNED BY: LMV

Figure No.

3



DOCUMENT PATH: Y:\UR_OIL\MLMU_098_FLOWLINE\MLMU_098_FLOWLINE.APRX



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NJXK153515086
(32.264330°, -103.214344°)
LEA COUNTY, NEW MEXICO

**MLMU #098
INFERRED REMEDIAL ACTION**

PROJECT NO.: 212C-MD-03536

DATE: FEBRUARY 05, 2025

DESIGNED BY: LMV

Figure No.

4

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
2014 BBC SOIL ASSESSMENT - nJXK1535150868
CONOCOPHILLIPS
MLMU #98
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEX ²										TPH ³					
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		Total TPH (GRO+DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q		mg/kg
SP 1 @ Surface	4/29/2014	Surface	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		231		231	
SP 1 @ 1'	4/29/2014	1	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	
SP 2 @ Surface	4/29/2014	Surface	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		204		204	
SP 2 @ 1'	4/29/2014	1	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0	
SP 3 @ Surface	4/29/2014	Surface	1490		<0.100		0.718		4.82		16.3		21.9		1220		46600		47820	
SP 3 @ 1'	4/29/2014	1	640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		81.6		81.6	
SP 3 @ 2'	4/29/2014	2	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		62.1		62.1	
SP 3 @ 3'	4/29/2014	3	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10		<10	
SP 3 @ 4'	4/29/2014	4	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10		<10	
SP 4 @ Surface	4/29/2014	Surface	3080		<0.050		<0.050		<0.050		<0.150		<0.300		<100		18100		18100	
SP 4 @ 1'	4/29/2014	1	448		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10		<10	
SP 4 @ 2'	4/29/2014	2	320		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		1440		1440	
SP 4 @ 3'	4/29/2014	3	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10		<10	

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M

Bold and italicized values indicate exceedance of Site Reclamation limits approved by the NMOC.

QUALIFIERS:

APPENDIX A C-141 Forms

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

Name of Company	Oxy Permian Ltd.	Contact	Chancey Summers	<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216		
Facility Name	MLMU #98	Facility Type	Battery location		
Surface Owner	Kelly Myers	Mineral Owner			
			API No. 30-025-10906 (nearest well)		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	31	23S	37E					Lea County, NM

Latitude N 32.25897° Longitude W 103.20735°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	2 bbls oil, 18 bbls produced water	Volume Recovered	0 bbls
Source of Release	Over pressure in 3" poly production flow line	Date and Hour of Occurrence	04/10/2014	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?	Geoffrey Leking-NMOCD, Jennifer Van Curen-BLM		
By Whom?	Jennifer Gilkey	Date and Hour	04/10/2014 @ 4:18 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.*

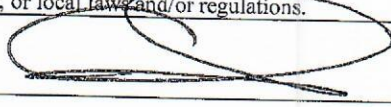
Describe Cause of Problem and Remedial Action Taken.*

Over pressure in a 3" poly production flow line caused 2 bbls of oil and 18 bbls of produced water to leak onto the ground. No fluids were recovered and the line was repaired or replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 80' x 80' on and off 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:				OIL CONSERVATION DIVISION	
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:	4-15-14	Phone:	(575) 397-8216		

* Attach Additional Sheets If Necessary

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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

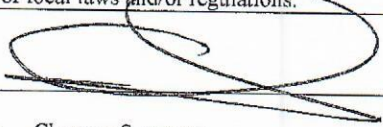
Name of Company	Oxy Permian Ltd.	Contact	Chancey Summers
Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	MLMU #98	Facility Type	Battery location
Surface Owner	Kelly Myers	Mineral Owner	
		API No. 30-025-10906 (nearest well)	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	31	23S	37E					Lea County, NM

Latitude N 32.25897° Longitude W 103.20735°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	2 bbls oil, 18 bbls produced water	Volume Recovered	0 bbls
Source of Release	Over pressure in 3" poly production flow line	Date and Hour of Occurrence	04/10/2014	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?	Geoffrey Leking-NMOCD, Jennifer Van Curen-BLM		
By Whom?	Jennifer Gilkey	Date and Hour	04/10/2014 @ 4:18 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.*					
Over pressure in a 3" poly production flow line caused 2 bbls of oil and 18 bbls of produced water to leak onto the ground. No fluids were recovered and the line was repaired or replaced.					
Describe Area Affected and Cleanup Action Taken.*					
The affected area is approximately 80' x 80' on and off location. Remediation was completed in accordance with the remediation plan approved by Geoffrey Leking of NMOCD via email 07/01/2014 and approved by Jennifer Van Curen of the BLM on 06/30/2014.					
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Signature: 		<u>OIL CONSERVATION DIVISION</u>			
Printed Name: Chancey Summers		Approved by Environmental Specialist:			
Title: HES Advisor		Approval Date:		Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com		Conditions of Approval:		Attached <input type="checkbox"/>	
Date: 8-21-14 Phone: (575) 397-8216					

* Attach Additional Sheets If Necessary

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nJXK1535150868
District RP	1RP-4033
Facility ID	
Application ID	

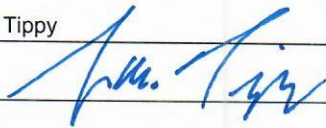
Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Joe TippyTitle: PresidentSignature: Date: 2/11/2025email: joetippy@valonnet.comTelephone: 575-390-1380**OCD Only**

Received by: _____

Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____

Title: _____

APPENDIX B BBC Closure Report

Closure Report

Site Description

Site Name:	MLMU #98
Company:	Oxy Permian Ltd.
Legal Description:	Section 31, T23S, R37E
County:	Lea County, NM
GPS Coordinates:	N 32.26430° W 103.21428°

Release Data

Date of Release:	04/10/2014
Type of Release:	Oil and produced water
Source of Release:	Over pressure in 3" poly production flow line
Volume of Release:	2 bbls oil and 18 bbls produced water
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Back drag the areas around SP1 and SP2. Excavate to a depth of 1 foot in the areas around SP3 and SP4. Backfill the site with clean soil.	
Remediation Activities:	08/11/2014 to	
Plan Sent to OCD:	06/26/2014	Email from Cliff Brunson to Geoffrey Leking
OCD Approval of Plan:	07/01/2014	Email from Geoffrey Leking to Cliff Brunson
Plan Sent to BLM:	06/30/2014	Mtg between C. Brunson and J. Van Curen
BLM Approval of Plan:	06/30/2014	Mtg between C. Brunson and J. Van Curen

Supporting Documentation

Initial C-141	Signed 04/15/2014
Final C-141	Signed 08/21/2014
Site Diagram	April 2014
Groundwater Plot	100'
TOPO Maps	April 2014
Lab Summary	04/29/2014
Lab Analysis	04/29/2014
Correspondence	Request and approval of remediation plan via email

Request for Closure

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

08/21/2014

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Form C-141
Revised August 8, 2011

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☒ Initial Report ☐ Final Report

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By Whom?	Jennifer Gilkey	Date and Hour	04/10/2014 @ 4:18 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.*					
Over pressure in a 3" poly production flow line caused 2 bbls of oil and 18 bbls of produced water to leak onto the ground. No fluids were recovered and the line was repaired or replaced.					
Describe Area Affected and Cleanup Action Taken.*					
The affected area is approximately 80' x 80' on and off 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:		OIL CONSERVATION DIVISION			
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: 4-15-14		Phone: (575) 397-8216			

* Attach Additional Sheets If Necessary

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	MLMU #98	Facility Type	Battery location
Surface Owner	Kelly Myers	Mineral Owner	
		API No. 30-025-10906 (nearest well)	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	31	23S	37E					Lea County, NM

Latitude N 32.25897° Longitude W 103.20735°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	2 bbls oil, 18 bbls produced water	Volume Recovered	0 bbls
Source of Release	Over pressure in 3" poly production flow line	Date and Hour of Occurrence	04/10/2014	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?	Geoffrey Leking-NMOCD, Jennifer Van Curen-BLM		
By Whom?	Jennifer Gilkey	Date and Hour	04/10/2014 @ 4:18 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.*

Over pressure in a 3" poly production flow line caused 2 bbls of oil and 18 bbls of produced water to leak onto the ground. No fluids were recovered and the line was repaired or replaced.

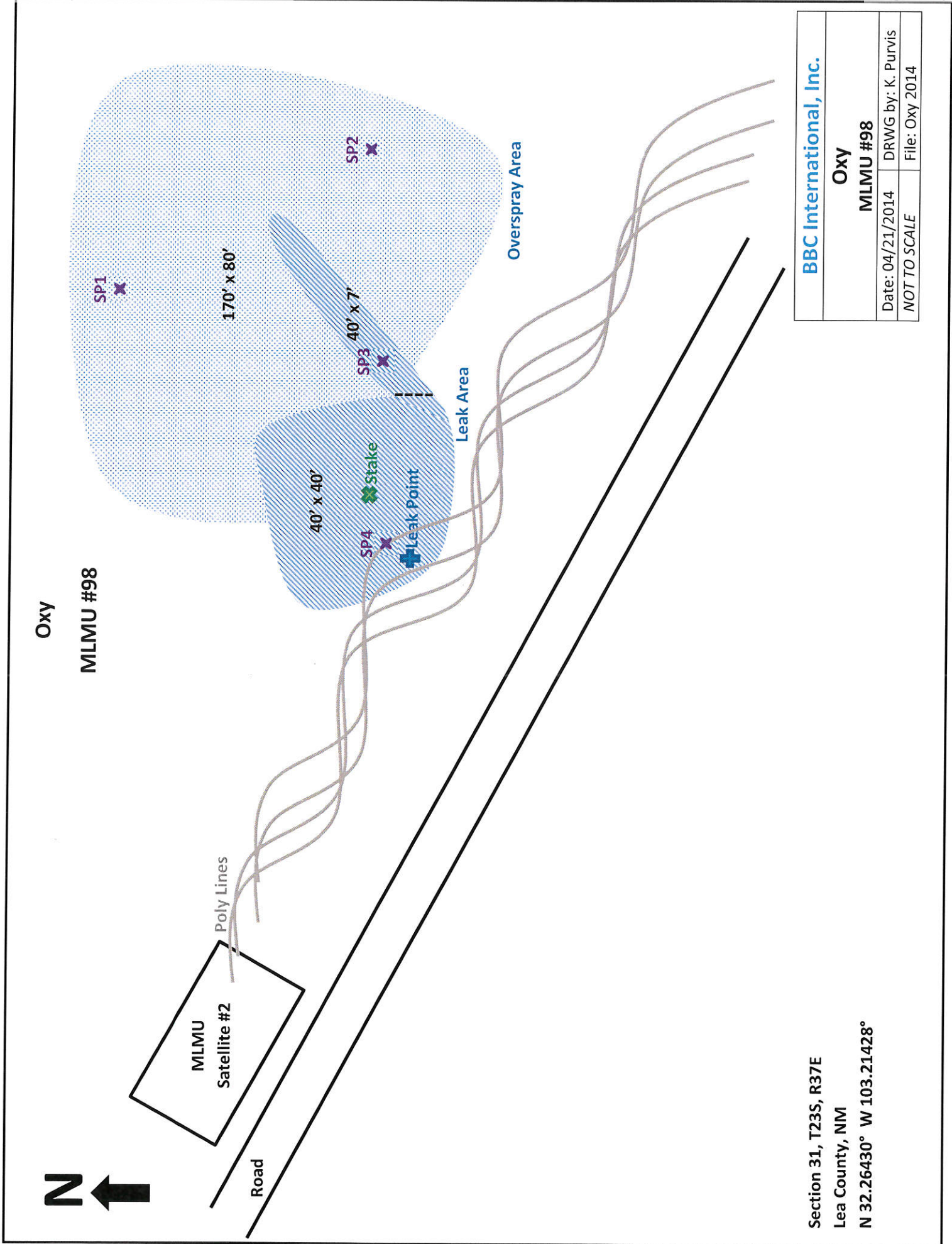
Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 80' x 80' on and off location. Remediation was completed in accordance with the remediation plan approved by Geoffrey Leking of NMOCD via email 07/01/2014 and approved by Jennifer Van Curen of the BLM on 06/30/2014.

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: 	OIL CONSERVATION DIVISION		
Printed Name: Chancey Summers	Approved by Environmental Specialist:		
Title: HES Advisor	Approval Date:	Expiration Date:	
E-mail Address: <u>Chancey.Summers@oxy.com</u>	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <u>8-21-19</u> Phone: (575) 397-8216			

* Attach Additional Sheets If Necessary





Groundwater Plot

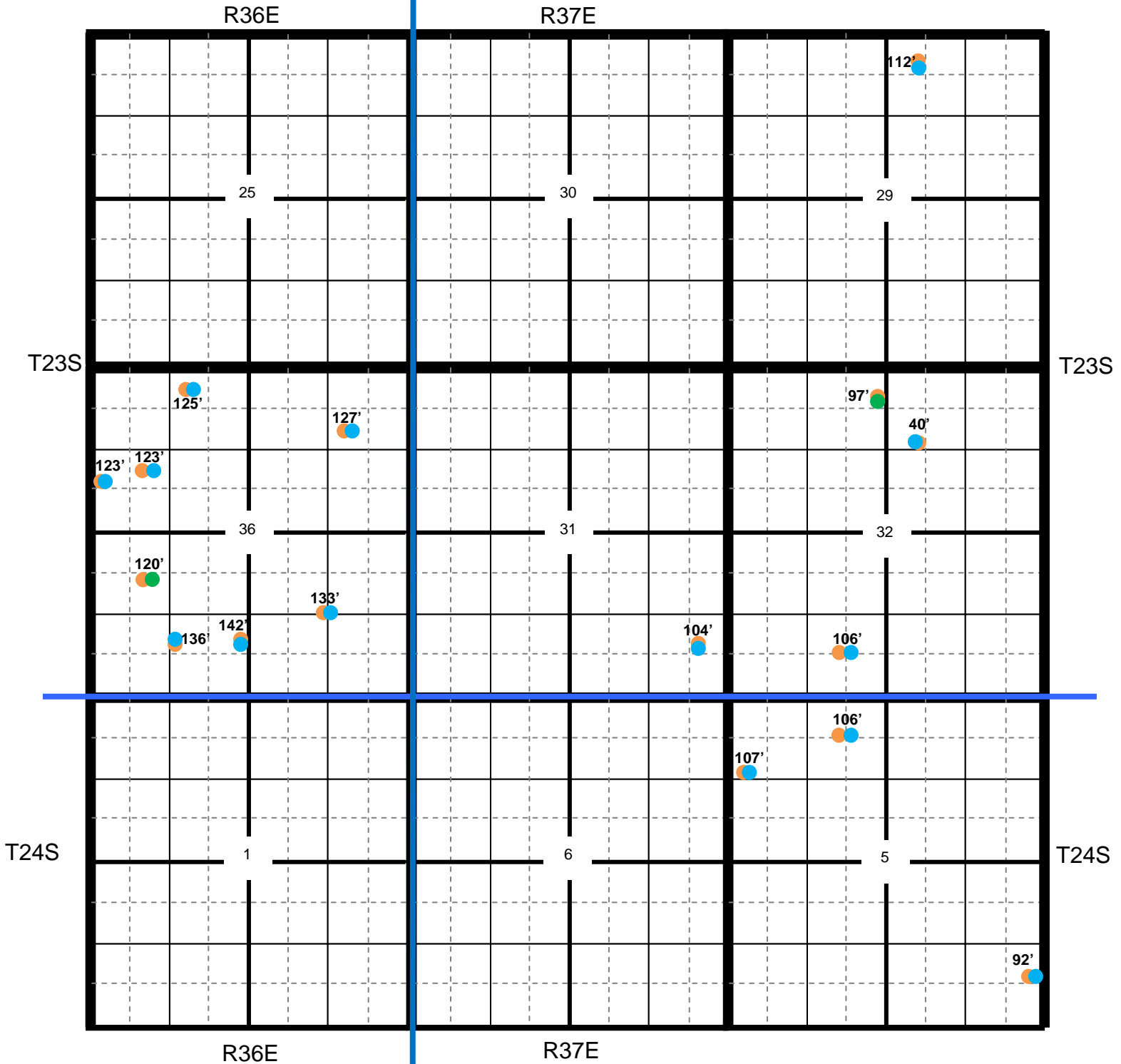
Oxy MLMU #98

County
Lea

Unit Letter

Section
31Township
23SRange
37E

Trend Map 100'



* Location

OCD

USGS

SEO

All Databases



Section Quarters

Oxy MLMU #98

County	Unit Letter	Section	Township	Range
Lea		31	23S	37E

Trend Map 100'

1

2

NW/NW	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

104'

3

4

⚙ Location
 ● OCD
 ● USGS
 ● SEO
 ● All Databases

Laboratory Analytical Results Summary
MLMU #98

		Sample	SP1 @ Surface	SP1 @ 1'
Analyte	Method	Date	4/29/14	4/29/14
			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	SM4500Cl-B		<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		231	<10.0

		Sample	SP2 @ Surface	SP2 @ 1'
Analyte	Method	Date	4/29/14	4/29/14
			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	SM4500Cl-B		64.0	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		204	<10.0

		Sample	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 3'
Analyte	Method	Date	4/29/14	4/29/14	4/29/14	4/29/14	4/29/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.100	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.718	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		4.82	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		16.3	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		21.9	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		1490	640	<16.0	<16.0	32.0
GRO	TPH 8015M		1220	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		46600	81.6	62.1	<10.0	<10.0

		Sample	SP4 @ Surface	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'
Analyte	Method	Date	4/29/14	4/29/14	4/29/14	4/29/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		3080	448	320	48.0
GRO	TPH 8015M		<100	<10.0	<10.0	<10.0
DRO	TPH 8015M		18100	<10.0	1440	<10.0



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

May 06, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MLMU #98

Enclosed are the results of analyses for samples received by the laboratory on 04/30/14 10:05.

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 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 cursive script 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: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ SURFACE (H401298-01)

BTEX 8260B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2014	ND	2.12	106	2.00	3.25	
Toluene*	<0.050	0.050	05/05/2014	ND	2.19	109	2.00	5.85	
Ethylbenzene*	<0.050	0.050	05/05/2014	ND	2.13	107	2.00	5.20	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.55	109	6.00	4.91	
Total BTEX	<0.300	0.300	05/05/2014	ND					

Surrogate: Dibromofluoromethane 94.5 % 61.3-142

Surrogate: Toluene-d8 105 % 71.3-129

Surrogate: 4-Bromofluorobenzene 107 % 65.7-141

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	05/05/2014	ND	400	100	400	3.92	

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	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	231	10.0	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 104 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.5 % 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: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1' (H401298-02)

BTEx 8260B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2014	ND	2.12	106	2.00	3.25	
Toluene*	<0.050	0.050	05/05/2014	ND	2.19	109	2.00	5.85	
Ethylbenzene*	<0.050	0.050	05/05/2014	ND	2.13	107	2.00	5.20	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.55	109	6.00	4.91	
Total BTEX	<0.300	0.300	05/05/2014	ND					

Surrogate: Dibromofluoromethane 95.3 % 61.3-142
 Surrogate: Toluene-d8 105 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

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	05/05/2014	ND	400	100	400	3.92	

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	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	<10.0	10.0	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 119 % 65.2-140
 Surrogate: 1-Chlorooctadecane 115 % 63.6-154

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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: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ SURFACE (H401298-03)

BTX 8260B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2014	ND	2.12	106	2.00	3.25	
Toluene*	<0.050	0.050	05/05/2014	ND	2.19	109	2.00	5.85	
Ethylbenzene*	<0.050	0.050	05/05/2014	ND	2.13	107	2.00	5.20	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.55	109	6.00	4.91	
Total BTX	<0.300	0.300	05/05/2014	ND					

Surrogate: Dibromofluoromethane 96.7 % 61.3-142
 Surrogate: Toluene-d8 106 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

Chloride, SM4500Cl-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	05/05/2014	ND	400	100	400	3.92	

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	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	204	10.0	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 108 % 65.2-140
 Surrogate: 1-Chlorooctadecane 114 % 63.6-154

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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: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ 1' (H401298-04)

BTEx 8260B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2014	ND	2.12	106	2.00	3.25	
Toluene*	<0.050	0.050	05/05/2014	ND	2.19	109	2.00	5.85	
Ethylbenzene*	<0.050	0.050	05/05/2014	ND	2.13	107	2.00	5.20	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.55	109	6.00	4.91	
Total BTEX	<0.300	0.300	05/05/2014	ND					

Surrogate: Dibromofluoromethane 98.0 % 61.3-142
 Surrogate: Toluene-d8 105 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

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	05/05/2014	ND	400	100	400	3.92	

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	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	<10.0	10.0	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 105 % 65.2-140
 Surrogate: 1-Chlorooctadecane 101 % 63.6-154

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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: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ SURFACE (H401298-05)

BTEX 8260B		mg/kg	Analyzed By: ms					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	05/05/2014	ND	2.12	106	2.00	3.25	
Toluene*	0.718	0.100	05/05/2014	ND	2.19	109	2.00	5.85	
Ethylbenzene*	4.82	0.100	05/05/2014	ND	2.13	107	2.00	5.20	
Total Xylenes*	16.3	0.300	05/05/2014	ND	6.55	109	6.00	4.91	
Total BTEX	21.9	0.600	05/05/2014	ND					

Surrogate: Dibromofluoromethane 95.9 % 61.3-142
 Surrogate: Toluene-d8 105 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 178 % 65.7-141

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	05/05/2014	ND	400	100	400	3.92	
TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1220	100	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	46600	100	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 305 % 65.2-140
 Surrogate: 1-Chlorooctadecane 1330 % 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: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ 1' (H401298-06)

BTEx 8260B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2014	ND	2.12	106	2.00	3.25	
Toluene*	<0.050	0.050	05/05/2014	ND	2.19	109	2.00	5.85	
Ethylbenzene*	<0.050	0.050	05/05/2014	ND	2.13	107	2.00	5.20	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.55	109	6.00	4.91	
Total BTEX	<0.300	0.300	05/05/2014	ND					

Surrogate: Dibromofluoromethane 93.9 % 61.3-142
 Surrogate: Toluene-d8 106 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 107 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	05/05/2014	ND	400	100	400	3.92	

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	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	81.6	10.0	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 122 % 65.2-140
 Surrogate: 1-Chlorooctadecane 130 % 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: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ 2' (H401298-07)

BTEx 8260B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2014	ND	2.12	106	2.00	3.25	
Toluene*	<0.050	0.050	05/05/2014	ND	2.19	109	2.00	5.85	
Ethylbenzene*	<0.050	0.050	05/05/2014	ND	2.13	107	2.00	5.20	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.55	109	6.00	4.91	
Total BTEX	<0.300	0.300	05/05/2014	ND					

Surrogate: Dibromofluoromethane 98.5 % 61.3-142
 Surrogate: Toluene-d8 102 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 104 % 65.7-141

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	05/05/2014	ND	400	100	400	3.92	

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	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	62.1	10.0	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 108 % 65.2-140
 Surrogate: 1-Chlorooctadecane 113 % 63.6-154

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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: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ 3' (H401298-08)

BTEx 8260B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2014	ND	2.17	108	2.00	3.34	
Toluene*	<0.050	0.050	05/06/2014	ND	2.16	108	2.00	1.38	
Ethylbenzene*	<0.050	0.050	05/06/2014	ND	2.11	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	05/06/2014	ND	6.44	107	6.00	0.679	
Total BTEX	<0.300	0.300	05/06/2014	ND					

Surrogate: Dibromofluoromethane 95.6 % 61.3-142
 Surrogate: Toluene-d8 105 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 102 % 65.7-141

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	05/05/2014	ND	400	100	400	3.92	

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	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	<10.0	10.0	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 110 % 65.2-140
 Surrogate: 1-Chlorooctadecane 108 % 63.6-154

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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: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ 4' (H401298-09)

BTEx 8260B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2014	ND	2.17	108	2.00	3.34	
Toluene*	<0.050	0.050	05/06/2014	ND	2.16	108	2.00	1.38	
Ethylbenzene*	<0.050	0.050	05/06/2014	ND	2.11	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	05/06/2014	ND	6.44	107	6.00	0.679	
Total BTEX	<0.300	0.300	05/06/2014	ND					

Surrogate: Dibromofluoromethane 98.6 % 61.3-142
 Surrogate: Toluene-d8 104 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 98.8 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/05/2014	ND	400	100	400	3.92	

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	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	<10.0	10.0	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 117 % 65.2-140
 Surrogate: 1-Chlorooctadecane 116 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ SURFACE (H401298-10)

BTEx 8260B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2014	ND	2.48	124	2.00	0.626		
Toluene*	<0.050	0.050	05/03/2014	ND	2.13	107	2.00	5.57		
Ethylbenzene*	<0.050	0.050	05/03/2014	ND	2.05	102	2.00	6.01		
Total Xylenes*	<0.150	0.150	05/03/2014	ND	6.42	107	6.00	4.81		
Total BTEx	<0.300	0.300	05/03/2014	ND						

Surrogate: Dibromofluoromethane 102 % 61.3-142
 Surrogate: Toluene-d8 99.4 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 112 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3080	16.0	05/05/2014	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	05/06/2014	ND	194	97.1	200	2.55		
DRO >C10-C28	18100	100	05/06/2014	ND	212	106	200	4.06		

Surrogate: 1-Chlorooctane 82.9 % 65.2-140
 Surrogate: 1-Chlorooctadecane 759 % 63.6-154

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 1' (H401298-11)

BTEx 8260B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2014	ND	2.17	109	2.00	0.904	
Toluene*	<0.050	0.050	05/03/2014	ND	2.33	117	2.00	2.93	
Ethylbenzene*	<0.050	0.050	05/03/2014	ND	2.25	112	2.00	2.74	
Total Xylenes*	<0.150	0.150	05/03/2014	ND	6.94	116	6.00	3.25	
Total BTEx	<0.300	0.300	05/03/2014	ND					

Surrogate: Dibromofluoromethane 98.8 % 61.3-142
 Surrogate: Toluene-d8 100 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 104 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/05/2014	ND	400	100	400	3.92	

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	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	<10.0	10.0	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 113 % 65.2-140
 Surrogate: 1-Chlorooctadecane 110 % 63.6-154

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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: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 2' (H401298-12)

BTEX 8260B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2014	ND	2.17	109	2.00	0.904		
Toluene*	<0.050	0.050	05/03/2014	ND	2.33	117	2.00	2.93		
Ethylbenzene*	<0.050	0.050	05/03/2014	ND	2.25	112	2.00	2.74		
Total Xylenes*	<0.150	0.150	05/03/2014	ND	6.94	116	6.00	3.25		
Total BTEX	<0.300	0.300	05/03/2014	ND						

Surrogate: Dibromofluoromethane 103 % 61.3-142
 Surrogate: Toluene-d8 98.7 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 124 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/05/2014	ND	400	100	400	3.92	
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	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	1440	10.0	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 115 % 65.2-140
 Surrogate: 1-Chlorooctadecane 137 % 63.6-154

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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: 04/30/2014
 Reported: 05/06/2014
 Project Name: MLMU #98
 Project Number: NONE GIVEN
 Project Location: JAL, NM

Sampling Date: 04/29/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 3' (H401298-13)

BTX 8260B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2014	ND	2.17	109	2.00	0.904	
Toluene*	<0.050	0.050	05/05/2014	ND	2.33	117	2.00	2.93	
Ethylbenzene*	<0.050	0.050	05/05/2014	ND	2.25	112	2.00	2.74	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.94	116	6.00	3.25	
Total BTX	<0.300	0.300	05/05/2014	ND					

Surrogate: Dibromofluoromethane 95.7 % 61.3-142
 Surrogate: Toluene-d8 103 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 96.9 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/05/2014	ND	400	100	400	3.92	

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	05/06/2014	ND	194	97.1	200	2.55	
DRO >C10-C28	<10.0	10.0	05/06/2014	ND	212	106	200	4.06	

Surrogate: 1-Chlorooctane 111 % 65.2-140
 Surrogate: 1-Chlorooctadecane 110 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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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A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company:			
Address: P.O. Box 805		Attn:			
City: Hobbs		State: NM Zip: 88241			
Phone #: 575-397-6388		Fax #: 575-397-0397			
Project #:		Project Owner: CHY			
Project Name: MLN # 98		City: SPOKE			
Project Location: 121		State: ZIP:			
Sampler Name: Jeff Ornelas		Phone #:			
FOR LAB USE ONLY		Fax #:			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER
H401298					
1	SP10 Surface	C-1	X	X	X
2	SP20 Surface	C-1	X	X	X
3	SP30 Surface	C-1	X	X	X
4	SP40 Surface	C-1	X	X	X
5	SP50 Surface	C-1	X	X	X
6	SP60 Surface	C-1	X	X	X
7	SP70 Surface	C-1	X	X	X
8	SP80 Surface	C-1	X	X	X
9	SP90 Surface	C-1	X	X	X
10	SP100 Surface	C-1	X	X	X
DATE		TIME			
4-29		1050			
1105		1130			
1150		1220			
1250		1115			
126		149			
149					
REMARKS:		CL- TPH BTEX			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder. By Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: 4-30-14 Received By: *[Signature]* Date: 4-30-14
Relinquished By: *[Signature]* Date: 10:00 Received By: *[Signature]* Date: 10:00
Delivered By: (Circle One) *[Signature]* Sample Condition: *[Signature]* Checked By: *[Signature]*
Sampler - UPS - Bus - Other: *[Signature]* Cool Intact Dyes Yes No

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		BILL TO		ANALYSIS REQUEST												
Project Manager: Cliff Brunson		Company:																
Address: P.O. Box 805																		
City: Hobbs		State: NM Zip: 88241		Attn:														
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:														
Project #:		Project Owner: OM		City:														
Project Name: ALMA #98		State:		Zip:														
Project Location: 1615 Crumb		Phone #:		Fax #:														
Sampler Name: 1615 Crumb		FOR LAB USE ONLY																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME				
1401298	SP402	C	1										4-29	155	X	X	X	
12	3-	C	1										222	222	X	X	X	
13		C	1										250	250	X	X	X	

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated warranties or otherwise.

Relinquished By: *Cliff Brunson* Date: *4-30-14* Received By: *Jennifer Geller*

Relinquished By: *Cliff Brunson* Date: *4-30-14* Received By: *Jennifer Geller*

Delivered By: (Circle One) *Delivered* Sample Condition: *Good* Checked By: *JM*

Sampler - UPS - Bus - Other: *1-120*

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#54

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

QUESTIONS

Action 432607

QUESTIONS

Operator: J R OIL, LTD. CO. P.O. Box 53657 Lubbock, TX 79453	OGRID: 256073
	Action Number: 432607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nJXK1535150868
Incident Name	NJXK1535150868 MLMU #098 FLOWLINE RELEASE @ 30-025-10906
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-10906] MYERS LANGLEIE MATTIX UNIT #098

Location of Release Source

Please answer all the questions in this group.

Site Name	MLMU #098 Flowline Release
Date Release Discovered	04/10/2014
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 18 BBL Recovered: 0 BBL Lost: 18 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 432607

QUESTIONS (continued)

Operator: J R OIL, LTD. CO. P.O. Box 53657 Lubbock, TX 79453	OGRID: 256073
	Action Number: 432607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

I hereby agree and sign off to the above statement	Name: Brittany Long Title: Consultant Email: brittany.long@tetrattech.com Date: 02/17/2025
--	---

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QUESTIONS, Page 3

Action 432607

QUESTIONS (continued)

Operator: J R OIL, LTD. CO. P.O. Box 53657 Lubbock, TX 79453	OGRID: 256073
	Action Number: 432607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	3080
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	47820
GRO+DRO (EPA SW-846 Method 8015M)	47820
BTEX (EPA SW-846 Method 8021B or 8260B)	21.9
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	08/11/2014
On what date will (or did) the final sampling or liner inspection occur	08/11/2014
On what date will (or was) the remediation complete(d)	08/21/2014
What is the estimated surface area (in square feet) that will be reclaimed	18694
What is the estimated volume (in cubic yards) that will be reclaimed	339
What is the estimated surface area (in square feet) that will be remediated	18694
What is the estimated volume (in cubic yards) that will be remediated	339
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 432607

QUESTIONS (continued)

Operator: J R OIL, LTD. CO. P.O. Box 53657 Lubbock, TX 79453	OGRID: 256073
	Action Number: 432607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.	
I hereby agree and sign off to the above statement	Name: Brittany Long Title: Consultant Email: brittany.long@tetrattech.com Date: 02/17/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 432607

QUESTIONS (continued)

Operator: J R OIL, LTD. CO. P.O. Box 53657 Lubbock, TX 79453	OGRID: 256073
	Action Number: 432607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 432607

QUESTIONS (continued)

Operator: J R OIL, LTD. CO. P.O. Box 53657 Lubbock, TX 79453	OGRID: 256073
	Action Number: 432607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	432679
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/29/2014
What was the (estimated) number of samples that were to be gathered	13
What was the sampling surface area in square feet	18694

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	18694
What was the total volume (cubic yards) remediated	339
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	18694
What was the total volume (in cubic yards) reclaimed	339
Summarize any additional remediation activities not included by answers (above)	Remedial activities executed for NMOCD approved remediation work plan.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Brittany Long Title: Consultant Email: brittany.long@tetrattech.com Date: 02/17/2025

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QUESTIONS, Page 7

Action 432607

QUESTIONS (continued)

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	Action Number: 432607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 432607

CONDITIONS

Operator: J R OIL, LTD. CO. P.O. Box 53657 Lubbock, TX 79453	OGRID: 256073
	Action Number: 432607
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation approved based on historical remediation work plan approval.	2/20/2025
amaxwell	Incident is subject to 19.15.29.13 NMAC reclamation standards for the top 4 feet. Operator will need to provide laboratory documentation that the top 4 feet meet the requirements of 19.15.29.13 NMAC.	2/20/2025
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	2/20/2025
amaxwell	Submit a reclamation report via the OCD permitting portal by May 20, 2025.	2/20/2025