

FINAL REPORT SUMMARIZING CLOSURE FOR INCIDENT nAB1428156408

MEWBOURNE OIL COMPANY

Delaware Ranch SWD #1

API# 30-015-22734

Section 11, T26S R28E, NM

Eddy County, NM



Prepared By:
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Prepared For:
Mewbourne Oil Company
Zach Thomas
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Hobbs, New Mexico 88241

12/16/14



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INTRODUCTION

Souder Miller and Associates (SMA) has prepared this closure report to provide a summary of the release and spill response activities at the Delaware Ranch SWD #1 on October 2, 2014. The release was due to equipment failure when the transfer pump blew a fuse and a valve was also left open on unloading station. The pumper shut the valve upon arrival to stop the leak and electrical fixed the blown line fuse to get the pump back online. Approximately 175bbl of produced water and 140bbl of oil was released onto the pad. A vacuum truck was used to recover 170 bbls of produced water and 135 bbls of oil after the initial release. The site is located in Unit P, Section 11, Township 26 South, Range 28 East, Eddy County, New Mexico. Figure 1, illustrates the location of the release.

This document shows the results of the initial assessment and soil sampling performed at the release site, the regulatory framework for existing activities, and a summary of work done at the location designed to facilitate completion of remediation. Site details, sampling locations and the remedial excavation area are presented in Figure 2. Appendices include the laboratory analytical reports for the initial sampling, New Mexico Oil Conservation Division (NMOCD) form C-141 (final), the manifest for the transport and disposal of RCRA exempt soils from the initial response to an NMOCD approved facility.

REGULATORY FRAMEWORK AND SITE CLASSIFICATION

This project is conducted under the regulatory jurisdiction of the NMOCD, which requires the vadose zone shall be abated so that water contaminants in the vadose zone will not, with reasonable probability, contaminate groundwater or surface water (toxic pollutants as defined in 20.6.2.7 New Mexico Administration Code shall not be present) through leaching, percolation, or other transport mechanisms (19.15.1.19 NMAC, Subsection B, Paragraphs 1 and 2). The NMOCD hydrocarbon soil remediation levels are determined by ranking criteria on a site-by-site basis, as outlined in the NMOCD Guidelines for Remediation of Spills, Leaks, and Releases, dated August 13, 1993. The ranking criteria are based on three site characteristics: depth to groundwater, wellhead protection, and distance to surface water.

According to the Office of the State Engineers records, no water well are located within 1,000 feet of the well pad and battery. The estimated depth to groundwater is greater than 100 feet below ground surface. No surface water bodies are located within 1,000 feet of the well pad and battery. The table below illustrates the ranking criteria, used by the NMOCD, and includes site specific characteristics at the Delaware Ranch SWD #1.

Criteria	Site Characteristics	Ranking Score
Depth to Ground Water	>100 feet	0
Wellhead Protection Area	>1000 feet	0
Distance to Surface Water	>1,000 feet	0
Total Ranking Score		0

Based on the sites characteristics and the "Guidelines for Remediation of Spills, Leaks, and Releases" the site has a ranking score of 0. Consequently, the ranking criteria Recommended Remediation Action Levels (RRALs) of 10 milligrams per kilogram (mg/Kg) Benzene, 50 mg/Kg total Benzene, Toluene, Ethylbenzene, and total Xylenes (BTX), and 5000 mg/Kg Total Petroleum Hydrocarbons (TPH) were followed for remediation at the site.

INITIAL SOIL SAMPLING RESULTS

Table 1

Analytical Report- H403236, H403306	Sample Date	Depth	BTEX	GRO	DRO	Cl-
H403236-01	10/21/2014	4'	ND	ND	12.9	1300
H403236-02	10/21/2014	4'	ND	ND	ND	32
H403236-03	10/21/2014	4'	ND	ND	ND	5520
H403236-04	10/21/2014	4'	ND	ND	ND	320
H403236-05	10/21/2014	4'	ND	ND	ND	32
H403306-01-D	10/28/2014	6'	N/A	N/A	N/A	688
H403306-03-D	10/28/2014	6'	N/A	N/A	N/A	1810

CLOSURE SAMPLING RESULTS

Table 2

Analytical Report- H403689	Sample Date	Depth	BTEX	GRO	DRO	Cl-
H403689-01	11/24/2014	4'	N/A	N/A	N/A	224
H403689-03	11/24/2014	4'	N/A	N/A	N/A	848
H403689-04	11/24/2014	6'	N/A	N/A	N/A	1460

All laboratory Analytical results are below the site specific ranking criteria Recommended Remediation Action Levels (RRALs) of 10 milligrams per kilogram (mg/Kg) Benzene, 50 mg/Kg total Benzene, Toluene, Ethylbenzene, and total Xylenes(BTEX), and 5000 mg/Kg Total Petroleum Hydrocarbons (TPH)

PROJECT SUMMARY

The initial soil assessment activities reviewed by SMA effectively delineated the horizontal and vertical extent of hydrocarbon-affected soils in following NMOCD regulatory guidance. Analytical results indicate that the primary area of effected soils above NMOCD RRALs at the release site was excavated and placed in a synthetically lined and bermed containment during the initial spill response on 10/02/14. This excavated material that contained RCRA Exempt Oil Field wastes was hauled to an NMOCD approved facility starting on 10/21/14 (Appendix C).

Excavation activities where conducted to a depth of four feet during the Initial Response Action. Samples were taken at the four foot level (Table 1). The sample results showed non- detectable amounts of hydrocarbons however two locations were above the background levels of chlorides. These areas were delineated (Table 1) then excavation proceeded down to six foot. Closure sampling was done by Souder Miller and Associates (Table 2) at the six foot depth. Sample H403689-04 was taken within the excavation wall next to the tank battery. This area has been left due to the proximity of the tank battery. Heavy equipment was utilized to remove and transport the impacted soils to a NMOCD approved disposal facility.

CONFIRMATION SAMPLING

Soil samples for confirmation were taken at the bottom of excavation on 11/24/14 .The soil samples were delivered on 12/03/14 to Cardinal Laboratories, in Hobbs, New Mexico for, TPH (GRO/ DRO) analysis by EPA Method 8015 (modified) and BTEX analyses by EPA Method\8021B and EPA 300.0 method for chlorides. Each sample container was labeled, placed on ice in an insulated cooler, and chilled to a temperature of approximately 40°F (4°C). The cooler was sealed for shipment to the laboratory. Proper chain-of-custody documentation will accompany the samples to the laboratory.

SITE CLOSURE

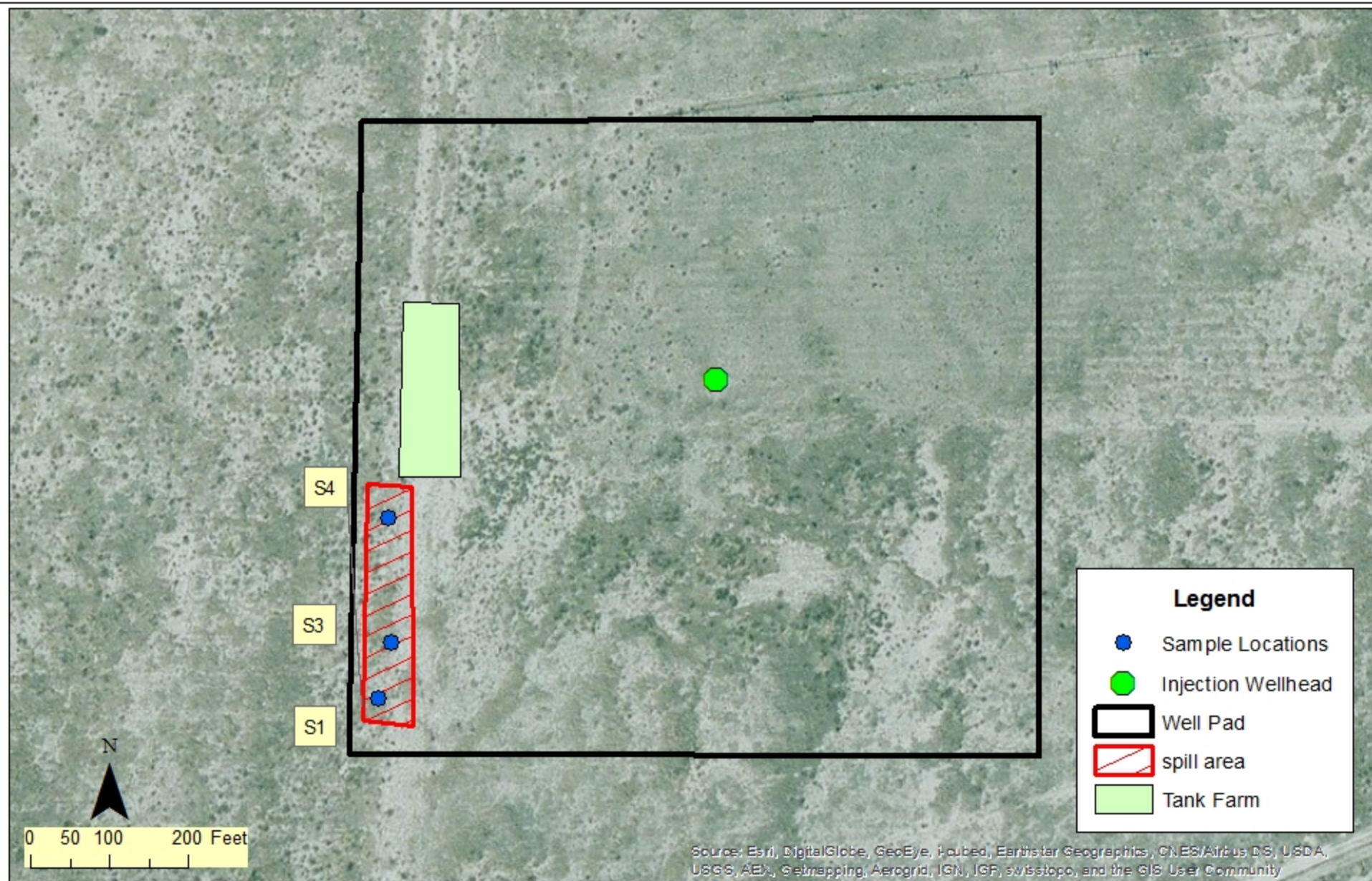
With third party lab confirmation Analytical Report (H403689) that the site-specific NMOCD ranking criteria cleanup levels of 10 mg/Kg Benzene, 50 mg/Kg total BTEX and 5000 mg/Kg TPH have been reached. Final grading of construction-impacted surface areas was performed to mitigate erosion and approval of the remediation is requested. The closure request was submitted to the NMOCD as a C-141 final on 12/11/14. (Appendix B)



LIST OF FIGURES

FIGURE 1 SITE LOCATION MAP

FIGURE 2 SITE DETAILS AND SAMPLE LOCATION MAP



Sample Map
Mewbourne Delaware SWD 001
Malaga, New Mexico

Figure 2

Date Saved:
12/18/2014

By: _____	Date: _____	Revisions	Descr: _____
By: _____	Date: _____		Descr: _____

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Drawn: Lucas Middleton
Checked: _____
Approved: _____



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Corliss, New Mexico 88221
(575) 689-7040
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LIST OF APPENDICES

APPENDIX A LABORATORY ANALYTICAL REPORTS

APPENDIX B FORM C141FINAL

APPENDIX C WASTE MANIFEST



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

October 31, 2014

ZACK THOMAS

MEWBOURNE OIL COMPANY

P. O. BOX 5270

HOBBS, NM 88240

RE: DELAWARE RANCH SWAD

Enclosed are the results of analyses for samples received by the laboratory on 10/28/14 13:08.

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 black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

MEWBOURNE OIL COMPANY
ZACK THOMAS
P. O. BOX 5270
HOBBS NM, 88240
Fax To: (575) 937-6252

Received:	10/28/2014	Sampling Date:	10/28/2014
Reported:	10/31/2014	Sampling Type:	Soil
Project Name:	DELAWARE RANCH SWAD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: SAMPLE #1 - 6' BGS (H403306-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	10/28/2014	ND	384	96.0	400	4.08	

Sample ID: SAMPLE #3 - 6' BGS (H403306-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1810	16.0	10/28/2014	ND	384	96.0	400	4.08	

Cardinal Laboratories

*=Accredited Analyte

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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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

[illegible]



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

October 24, 2014

ZACK THOMAS

MEWBOURNE OIL COMPANY

P. O. BOX 5270

HOBBS, NM 88240

RE: DELAWARE RANCH SWAD

Enclosed are the results of analyses for samples received by the laboratory on 10/22/14 7:50.

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.

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Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

MEWBOURNE OIL COMPANY
ZACK THOMAS
P. O. BOX 5270
HOBBS NM, 88240
Fax To: (575) 937-6252

Received:	10/22/2014	Sampling Date:	10/21/2014
Reported:	10/24/2014	Sampling Type:	Soil
Project Name:	DELAWARE RANCH SWAD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Mike Snyder
Project Location:	NOT GIVEN		

Sample ID: SAMPLE #1 (H403236-01)

BTX 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	10/22/2014	ND	1.88	94.1	2.00	3.68	
Toluene*	<0.050	0.050	10/22/2014	ND	1.88	93.8	2.00	3.96	
Ethylbenzene*	<0.050	0.050	10/22/2014	ND	1.88	94.1	2.00	4.16	
Total Xylenes*	<0.150	0.150	10/22/2014	ND	5.50	91.7	6.00	4.24	
Total BTX	<0.300	0.300	10/22/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	10/22/2014	ND	400	100	400	0.00	

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	10/23/2014	ND	200	99.9	200	8.20	
DRO >C10-C28	12.9	10.0	10/23/2014	ND	210	105	200	8.11	

Surrogate: 1-Chlorooctane 119 % 47.2-157

Surrogate: 1-Chlorooctadecane 140 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

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Fax To: (575) 937-6252

Received:	10/22/2014	Sampling Date:	10/21/2014
Reported:	10/24/2014	Sampling Type:	Soil
Project Name:	DELAWARE RANCH SWAD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Mike Snyder
Project Location:	NOT GIVEN		

Sample ID: SAMPLE #2 (H403236-02)

BTX 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	10/22/2014	ND	1.88	94.1	2.00	3.68	
Toluene*	<0.050	0.050	10/22/2014	ND	1.88	93.8	2.00	3.96	
Ethylbenzene*	<0.050	0.050	10/22/2014	ND	1.88	94.1	2.00	4.16	
Total Xylenes*	<0.150	0.150	10/22/2014	ND	5.50	91.7	6.00	4.24	
Total BTX	<0.300	0.300	10/22/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/22/2014	ND	400	100	400	0.00	

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	10/22/2014	ND	203	101	200	1.94	
DRO >C10-C28	<10.0	10.0	10/22/2014	ND	205	102	200	2.91	

Surrogate: 1-Chlorooctane 118 % 47.2-157

Surrogate: 1-Chlorooctadecane 132 % 52.1-176

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 HOBBS NM, 88240
 Fax To: (575) 937-6252

Received:	10/22/2014	Sampling Date:	10/21/2014
Reported:	10/24/2014	Sampling Type:	Soil
Project Name:	DELAWARE RANCH SWAD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Mike Snyder
Project Location:	NOT GIVEN		

Sample ID: SAMPLE #3 (H403236-03)

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	10/22/2014	ND	1.88	94.1	2.00	3.68		
Toluene*	<0.050	0.050	10/22/2014	ND	1.88	93.8	2.00	3.96		
Ethylbenzene*	<0.050	0.050	10/22/2014	ND	1.88	94.1	2.00	4.16		
Total Xylenes*	<0.150	0.150	10/22/2014	ND	5.50	91.7	6.00	4.24		
Total BTEx	<0.300	0.300	10/22/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5520	16.0	10/22/2014	ND	400	100	400	0.00		

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	10/22/2014	ND	203	101	200	1.94	
DRO >C10-C28	<10.0	10.0	10/22/2014	ND	205	102	200	2.91	

Surrogate: 1-Chlorooctane 121 % 47.2-157

Surrogate: 1-Chlorooctadecane 130 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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HOBBS NM, 88240
Fax To: (575) 937-6252

Received:	10/22/2014	Sampling Date:	10/21/2014
Reported:	10/24/2014	Sampling Type:	Soil
Project Name:	DELAWARE RANCH SWAD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Mike Snyder
Project Location:	NOT GIVEN		

Sample ID: SAMPLE #4 (H403236-04)

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	10/22/2014	ND	1.88	94.1	2.00	3.68		
Toluene*	<0.050	0.050	10/22/2014	ND	1.88	93.8	2.00	3.96		
Ethylbenzene*	<0.050	0.050	10/22/2014	ND	1.88	94.1	2.00	4.16		
Total Xylenes*	<0.150	0.150	10/22/2014	ND	5.50	91.7	6.00	4.24		
Total BTEx	<0.300	0.300	10/22/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/22/2014	ND	400	100	400	0.00	

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	10/22/2014	ND	203	101	200	1.94	
DRO >C10-C28	<10.0	10.0	10/22/2014	ND	205	102	200	2.91	

Surrogate: 1-Chlorooctane 120 % 47.2-157

Surrogate: 1-Chlorooctadecane 132 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

MEWBOURNE OIL COMPANY
ZACK THOMAS
P. O. BOX 5270
HOBBS NM, 88240
Fax To: (575) 937-6252

Received:	10/22/2014	Sampling Date:	10/21/2014
Reported:	10/24/2014	Sampling Type:	Soil
Project Name:	DELAWARE RANCH SWAD	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Mike Snyder
Project Location:	NOT GIVEN		

Sample ID: SAMPLE #5 (H403236-05)

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	10/22/2014	ND	1.88	94.1	2.00	3.68		
Toluene*	<0.050	0.050	10/22/2014	ND	1.88	93.8	2.00	3.96		
Ethylbenzene*	<0.050	0.050	10/22/2014	ND	1.88	94.1	2.00	4.16		
Total Xylenes*	<0.150	0.150	10/22/2014	ND	5.50	91.7	6.00	4.24		
Total BTEx	<0.300	0.300	10/22/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/22/2014	ND	400	100	400	0.00		

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	10/22/2014	ND	203	101	200	1.94	
DRO >C10-C28	<10.0	10.0	10/22/2014	ND	205	102	200	2.91	

Surrogate: 1-Chlorooctane 114 % 47.2-157

Surrogate: 1-Chlorooctadecane 124 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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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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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



Page 8 of 8

101 East Marland, Hobbs, NM 88240
(575)-393-2326 FAX (575) 393-2476

Company Name: **Meubourne**

Project Manager: **Zach Thomas**

Address:

City:

State:

Zip:

Phone #:

Fax #:

Project #:

Project Owner:

Project Name: **De launay Ranch S/D**

Project Location:

Sample Name:

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

CL

BTEX

TPH

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Sample Condition

Cool

Intact

Yes

No

Yes

No

CHECKED BY:

(Initials)

210

Std Turn

REMARKS:

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

Company Name:

Project Manager:

Address:

City:

State:

Zip:

Phone #:

Fax #:

Project #:

Project Owner:

Project Name:

Project Location:

Sample Name:

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

CL

BTEX

TPH

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Sample Condition

Cool

Intact

Yes

No

Yes

No

CHECKED BY:

(Initials)

210

Std Turn

REMARKS:

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

December 05, 2014

AUSTIN WEYANT

SOUDER MILLER AND ASSOCIATES

201 S. HALAGUENO

CARLSBAD, NM 88220

RE: DELWARE RANCH 001

Enclosed are the results of analyses for samples received by the laboratory on 12/03/14 16:10.

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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

SOUDER MILLER AND ASSOCIATES
AUSTIN WEYANT
201 S. HALAGUENO
CARLSBAD NM, 88220
Fax To: NONE

Received: 12/03/2014
Reported: 12/05/2014
Project Name: DELWARE RANCH 001
Project Number: MEWBOURNE
Project Location: DELWARE RANCH 001

Sampling Date: 11/24/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: DR-1 (H403689-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/04/2014	ND	400	100	400	3.92	

Sample ID: DR-3 (H403689-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	12/04/2014	ND	400	100	400	3.92	

Sample ID: DR-4 (H403689-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	12/04/2014	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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RPD	Relative Percent Difference
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***	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

Cardinal Laboratories

*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Project Manager: Austin Weyant

City: Calrsbad

Phone #: 575-689-7040

Project #:

Project Name: Mewbourne- Delware Ranch 001

Project Location: Delware Ranch 001

Sampler Name: Lucas Middleton

FOR LAB USE ONLY
Lab I.D.

H4D3689	Sample I.D.
---------	-------------

1

2

3

Relinquished By:

Relinquished By:

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

5.20

Sample Condition	Cool	Intact	Yes
Yes	No	No	No

CHECKED BY:

Received By:	<i>Shadi</i>
Received By:	

Memorandum

Phone Resu
Fax Result:
REMARKS:

Yes	No
Yes	No

Add'l Phone #:	
Add'l Fax #:	

Page 4 of 4

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: Mewbourne Oil Company	Contact: Zack Thomas
Address: PO Box 5270 Hobbs NM 88241	Telephone No. 575-393-5905
Facility Name: Delaware Ranch SWD #001	Facility Type: SWD

Surface Owner: Private	Mineral Owner: N/A	API No. 30-015-22734
------------------------	--------------------	----------------------

LOCATION OF RELEASE

Unit Letter P	Section 11	Township 26S	Range 28E	Feet from the 660'	North/South Line South	Feet from the 660'	East/West Line East	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	----------------

Latitude 32.051632 Longitude -104.0513889

NATURE OF RELEASE

Type of Release: Produced water/Oil	Volume of Release: 315 bbls PW (175 bbls) Oil (140 bbls)	Volume Recovered: Oil (135 bbls) PW(170 bbls)
Source of Release: Water Tank	Date and Hour of Occurrence 10-2-14	Date and Hour of Discovery 10-2-14 7:00 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Heather Patterson	
By Whom? Zack Thomas	Date and Hour 10-3-14 10:30 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Cause of the leak- SWD pump was down due to electrical problem (blown fuse) and a valve was also left open on unloading station. Pumper shut valve upon arrival to stop leak and electrician fixed blown line fuse to get pump back online.

Describe Area Affected and Cleanup Action Taken.*

Affected area- Secondary containment and southwest side of well pad surface (entire pad has 2' earth berm). Vacuum truck moved in and recovered all standing fluid inside the secondary containment and on the bermed pad surface. Contaminated soil on pad surface was removed and hauled to an approved NMOCD disposal site. Final remediation was conducted in accordance with the NMOCD's Guidelines for Remediation of Spills, Leaks and Releases.

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: Zack Thomas	Approved by Environmental Specialist:		
Title: Environmental Rep.	Approval Date:	Expiration Date:	
E-mail Address: zthomas@mewbourne.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 12-11-14	Phone: 575-602-2188		



R360 Environmental Solutions, LLC
Permian Basin Region

P.O. Box 3452
Hobbs, NM 88241

Invoice

Date: 10/21/2014

Invoice #: C128207

Terms: Due Upon Receipt

Generator: MEWBOURNE OIL CO

Lease: DELAWARE RANCH SWD

Well: 1

Rig:

PO:

Memo:

Bill To
MEWBOURNE OIL CO
P O Box 5270
Hobbs, NM 88241

Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party #	Co. Man	Trucking Co
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	641424	10/14/2014	0261	ZACK THOMAS	HOLGUIN TRUCKING
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	641473	10/14/2014	0261	ZACK THOMAS	HOLGUIN TRUCKING
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	641533	10/14/2014	0261	ZACK THOMAS	HOLGUIN TRUCKING
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	643167	10/20/2014	NA	ZACK THOMAS	HOLGUIN TRUCKING
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	643218	10/20/2014	NA	ZACK THOMAS	HOLGUIN TRUCKING
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	643280	10/20/2014	NA	ZACK THOMAS	HOLGUIN TRUCKING



R360 Environmental Solutions, LLC
Permian Basin Region

P.O. Box 3452
 Hobbs, NM 88241

Invoice

Date: 10/21/2014
Invoice #: C128207

Terms: Due Upon Receipt
Generator: MEWBOURNE OIL CO
Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Memo:

Bill To
 MEWBOURNE OIL CO
 P O Box 5270
 Hobbs, NM 88241

Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party #	Co. Man	Trucking Co
Please Remit To:									Subtotal:	\$2,880.00
R360-Permian Basin Region										
P.O.Box 671798									NM Sales Tax (6.8125%):	\$196.20
Dallas, TX 75267-1798										
575-393-1079 (O); 575-393-3615(F)									Total:	\$3,076.20

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 641424

Bill To:	MEWBOURNE OIL CO	Lease:	DELAWARE RANCH SWD
Company/Generator:	MEWBOURNE OIL CO	Well:	1
Company Man:	ZACK THOMAS	Rig:	
Trucking:	HOLGUIN TRUCKING	PO:	
Date:	10/14/2014	Driver:	MICHAEL
3rd Party Ticket:	0261	Vehicle:	2

Comments

Type of Materials

<u>Product</u>	<u>Quantity</u>	<u>Area</u>	<u>Description</u>
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

Tank Bottoms

	Feet	Inches			
1st Gauge			BS & W/BBLS Received		BS & W
2nd Gauge			Free Water		
Received			Total Received		

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 641473

Bill To: MEWBOURNE OIL CO
Company/Generator: MEWBOURNE OIL CO
Company Man: ZACK THOMAS
Trucking: HOLGUIN TRUCKING
Date: 10/14/2014
3rd Party Ticket: 0261

Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Driver: MICHAEL
Vehicle: 02

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

M.R. McCluskey

[Signature]

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BBLS Received	BS & W
2nd Gauge			Free Water	
Received			Total Received	

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 641533

Bill To:	MEWBOURNE OIL CO	Lease:	DELAWARE RANCH SWD
Company/Generator:	MEWBOURNE OIL CO	Well:	1
Company Man:	ZACK THOMAS	Rig:	
Trucking:	HOLGUIN TRUCKING	PO:	
Date:	10/14/2014	Driver:	MICHAEL
3rd Party Ticket:	0261	Vehicle:	02

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

M.R. McCracken

YLM

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BBLS Received	BS & W
2nd Gauge			Free Water	
Received			Total Received	

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 643167

Bill To: MEWBOURNE OIL CO
Company/Generator: MEWBOURNE OIL CO
Company Man: ZACK THOMAS
Trucking: HOLGUIN TRUCKING
Date: 10/20/2014
3rd Party Ticket: NA

Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Driver: MICHAEL
Vehicle: 02

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

Tank Bottoms

	Feet	Inches			
1st Gauge			BS & W/BBLS Received		BS & W
2nd Gauge			Free Water		
Received			Total Received		

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 643218

Bill To: MEWBOURNE OIL CO
Company/Generator: MEWBOURNE OIL CO
Company Man: ZACK THOMAS
Trucking: HOLGUIN TRUCKING
Date: 10/20/2014
3rd Party Ticket: NA

Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Driver: MICHAEL
Vehicle: 02

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

M.R. McCurt

[Signature]

Tank Bottoms

	Feet	Inches			
1st Gauge			BS & W/BBLs Received		BS & W
2nd Gauge			Free Water		
Received			Total Received		

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 643280

Bill To: MEWBOURNE OIL CO
Company/Generator: MEWBOURNE OIL CO
Company Man: ZACK THOMAS
Trucking: HOLGUIN TRUCKING
Date: 10/20/2014
3rd Party Ticket: NA

Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Driver: MICHAEL
Vehicle: 02

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS &W/BBLS Received	BS & W
2nd Gauge			Free Water	
Received			Total Received	



R360 Environmental Solutions, LLC
Permian Basin Region

P.O. Box 3452
Hobbs, NM 88241

Invoice

Date: 10/28/2014

Invoice #: C128549

Terms: Due Upon Receipt

Generator: MEWBOURNE OIL CO

Lease: DELAWARE RANCH SWD

Well: 1

Rig:

PO:

Memo:

Bill To
MEWBOURNE OIL CO
P O Box 5270
Hobbs, NM 88241

Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party #	Co. Man	Trucking Co
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	643472	10/21/2014	0265	ZACK THOMAS	HOLGUIN TRUCKING
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	643517	10/21/2014	NA	ZACK THOMAS	HOLGUIN TRUCKING
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	643568	10/21/2014	0265	ZACK THOMAS	HOLGUIN TRUCKING
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	643771	10/22/2014	NA	ZACK THOMAS	HOLGUIN TRUCKING
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	643812	10/22/2014	NA	ZACK THOMAS	HOLGUIN TRUCKING
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	644042	10/23/2014	0267	ZACK THOMAS	HOLGUIN TRUCKING
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	645121	10/27/2014	0268	ZACK THOMAS	HOLGUIN TRUCKING



R360 Environmental Solutions, LLC
Permian Basin Region

P.O. Box 3452
Hobbs, NM 88241

Invoice

Date: 10/28/2014
Invoice #: C128549

Terms: Due Upon Receipt
Generator: MEWBOURNE OIL CO
Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Memo:

Bill To
MEWBOURNE OIL CO
P O Box 5270
Hobbs, NM 88241

Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party #	Co. Man	Trucking Co
Please Remit To:									Subtotal:	\$3,360.00
R360-Permian Basin Region										
P.O.Box 671798									NM Sales Tax (6.8125%):	\$228.90
Dallas, TX 75267-1798									Total:	\$3,588.90
575-393-1079 (O); 575-393-3615(F)										

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 643472

Bill To:	MEWBOURNE OIL CO	Lease:	DELAWARE RANCH SWD
Company/Generator:	MEWBOURNE OIL CO	Well:	1
Company Man:	ZACK THOMAS	Rig:	
Trucking:	HOLGUIN TRUCKING	PO:	
Date:	10/21/2014	Driver:	MICHAEL
3rd Party Ticket:	0265	Vehicle:	02

Comments

Type of Materials

<u>Product</u>	<u>Quantity</u>	<u>Area</u>	<u>Description</u>
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BBLS Received	BS & W
2nd Gauge			Free Water	
Received			Total Received	

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 643517

Bill To: MEWBOURNE OIL CO
Company/Generator: MEWBOURNE OIL CO
Company Man: ZACK THOMAS
Trucking: HOLGUIN TRUCKING
Date: 10/21/2014
3rd Party Ticket: NA

Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Driver: MICHAEL
Vehicle: 02

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

M.F. McCusker

[Signature]

Tank Bottoms

	Feet	Inches			
1st Gauge			BS & W/BBL'S Received		BS & W
2nd Gauge			Free Water		
Received			Total Received		

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 643568

Bill To:	MEWBOURNE OIL CO	Lease:	DELAWARE RANCH SWD
Company/Generator:	MEWBOURNE OIL CO	Well:	1
Company Man:	ZACK THOMAS	Rig:	
Trucking:	HOLGUIN TRUCKING	PO:	
Date:	10/21/2014	Driver:	MICHAEL
3rd Party Ticket:	0265	Vehicle:	02

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

Tank Bottoms

	Feet	Inches			
1st Gauge			BS & W/BBLS Received		BS & W
2nd Gauge			Free Water		
Received			Total Received		

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 643771

Bill To: MEWBOURNE OIL CO
Company/Generator: MEWBOURNE OIL CO
Company Man: ZACK THOMAS
Trucking: HOLGUIN TRUCKING
Date: 10/22/2014
3rd Party Ticket: NA

Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Driver: MICHAEL
Vehicle: 02

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

Tank Bottoms

	Feet	Inches			
1st Gauge			BS & W/BBLS Received		BS & W
2nd Gauge			Free Water		
Received			Total Received		

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 643812

Bill To: MEWBOURNE OIL CO
Company/Generator: MEWBOURNE OIL CO
Company Man: ZACK THOMAS
Trucking: HOLGUIN TRUCKING
Date: 10/22/2014
3rd Party Ticket: NA

Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Driver: MICHAEL
Vehicle: 02

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

M.R. McCumber

[Signature]

Tank Bottoms

	Feet	Inches			
1st Gauge			BS & W/BBLS Received		BS & W
2nd Gauge			Free Water		
Received			Total Received		

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 644042

Bill To: MEWBOURNE OIL CO
Company/Generator: MEWBOURNE OIL CO
Company Man: ZACK THOMAS
Trucking: HOLGUIN TRUCKING
Date: 10/23/2014
3rd Party Ticket: 0267

Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Driver: MICHAEL
Vehicle: 02

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

M.R. McCracken

[Signature]

Tank Bottoms

	Feet	Inches			
1st Gauge			BS & W/BBLs Received		BS & W
2nd Gauge			Free Water		
Received			Total Received		

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION

TICKET: 645121

Bill To: MEWBOURNE OIL CO
Company/Generator: MEWBOURNE OIL CO
Company Man: ZACK THOMAS
Trucking: HOLGUIN TRUCKING
Date: 10/27/2014
3rd Party Ticket: 0268

Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Driver: MICHAEL
Vehicle: 02

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

R360 Representative (signature)

M. R. McCracken

[Signature]

Tank Bottoms

	Feet	Inches	BS & W/BBLS Received	BS & W
1st Gauge				
2nd Gauge			Free Water	
Received			Total Received	



R360 Environmental Solutions, LLC
Permian Basin Region

P.O. Box 3452
Hobbs, NM 88241

Invoice

Date: 10/31/2014
Invoice #: C128891

Terms: Due Upon Receipt
Generator: MEWBOURNE OIL CO
Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Memo:

Bill To
MEWBOURNE OIL CO
P O Box 5270
Hobbs, NM 88241

Item	Qty	Desc	Disc	Price	Amount	Ticket	Date	3rd Party #	Co. Man	Trucking Co
Contaminated Soil (RCRA Exempt)	20.00			\$24.00	\$480.00	645985	10/30/2014	NA	ZACK THOMAS	HOLGUIN TRUCKING

Please Remit To:
R360-Permian Basin Region
P.O.Box 671798
Dallas, TX 75267-1798
575-393-1079 (O); 575-393-3615(F)

Subtotal: \$480.00
NM Sales Tax (6.8125%): \$32.70
Total: \$512.70

TO AVOID DISRUPTION IN SERVICE, PLEASE PAY IMMEDIATELY.
For wire instructions, contact your Account Executive.

Halfway Facility
4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



Phone: (575) 393-1079
Fax: (575) 393-3615
WWW.R360ES.COM

PERMIAN BASIN REGION**TICKET: 645985**

Bill To: MEWBOURNE OIL CO
Company/Generator: MEWBOURNE OIL CO
Company Man: ZACK THOMAS
Trucking: HOLGUIN TRUCKING
Date: 10/30/2014
3rd Party Ticket: NA

Lease: DELAWARE RANCH SWD
Well: 1
Rig:
PO:
Driver: MICHEAL
Vehicle: 02

Comments**Type of Materials**

<u>Product</u>	<u>Quantity</u>	<u>Area</u>	<u>Description</u>
Contaminated Soil (RCRA Exempt)	20.00 yards	50/51	

Generator Certification Statement of Waste Status

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)**R360 Representative (signature)**

A handwritten signature in black ink, appearing to read "M. R. McCracken".

A large, stylized handwritten signature in black ink, consisting of a large loop and a long tail.

Tank Bottoms

	Feet	Inches			
1st Gauge			BS &W/BBLS Received		BS & W
2nd Gauge			Free Water		
Received			Total Received		