

Mr. Mike Bratcher
New Mexico Oil Conservation Division
811 S. First St
Artesia, NM 88210

RE: Wyatt Draw #001H 30-015-40301
Mewbourne Oil Company
Section 24, T19S, R25E
Eddy County, NM

Dear Mr. Bratcher:

Mewbourne Oil Company is pleased to submit for your review a copy of the Wyatt Draw #001H C-141 Final, located in Eddy County, New Mexico (Section 24 Township 19 South, Range 25 East).

Upon your approval, Mewbourne Oil Company will move forward with the closure activities. Attached is a hard copy of the C-141 .

If you have any questions please call 575-602-2188 or send via post to zthomas @mewbourne.com

Sincerely
Mewbourne Oil Company
P.O. Box 5270
Hobbs, New Mexico 88241

Zach Thomas



MEWBOURNE OIL COMPANY- WYATT DRAW 13 PA 1H CLOSURE

**MEWBOURNE OIL COMPANY
30-015-403001 WYATT DRAW 13PA 1H
SECTION 24, T19S, R25E
EDDY COUNTY, NEW MEXICO**

Prepared For:

**Zach Thomas
Mewbourne Oil Company**

Prepared By:

Souder Miller & Associates

201 S. Halagueno
Carlsbad, NM 88221

Office: (575) 689-7040

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INTRODUCTION

On behalf of Mewbourne Oil Company, SMA has prepared this closure to provide a summary of the release and spill response activities at the Wyatt Draw 13 PA #001H on August 7, 2014. The release was due to a human error when the casing valve was accidentally left open allowing fluid to come to the surface and leak in to the cellar and onto the location pad. Approximately 25bbl of fluid was released onto the pad and 15bbl of fluid recovered via vacuum truck after discovery. The site is located in Unit A, Section 24, Township 19 South, Range 25 East, Eddy County, New Mexico. Figure 1, illustrates the location of the release.

Further, this document presents the results of the initial assessment and soil sampling performed at the Site, the regulatory framework for existing activities, and a summary of work done at the location designed to facilitate Site closure. 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 the 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, a non-municipal water well # RA 09294 is 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 Wyatt Draw 1H.

Criteria	Site Characteristics	Ranking Score
Depth to Ground Water	>100 feet	0
Wellhead Protection Area	=500 feet	20
Distance to Surface Water	>1,000 feet	0
Total Ranking Score		20

Based on the sites characteristics and the "Guidelines for Remediation of Spills, Leaks, and Releases" the site has a ranking score of 20. 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 (BTEX), and 100 mg/Kg Total Petroleum Hydrocarbons (TPH) are proposed for remediation at the site.

INITIAL SOIL SAMPLING RESULTS

Table 1

Analytical Report- 1407629&1409635	Sample Date	Depth	BTEX	GRO	DRO	CI-
Location #1	9/9/2014	0'-6'	ND	ND	ND	810
Note: Grab sample collected from the Northeast of the affected area..						
Location #2	9/9/14	0'-6'	ND	ND	30	1500
Note: Grab sample collected from the Northeast of the affected area.						
Location #3	9/9/2014	0'-6'	0.063	ND	ND	420
Note: Grab sample collected from the Northwest of the affected area.						
Locations #4	9/9/2014	0'-6'	0.049	ND	15	170
Note: Grab sample collected from the South of the affected area.						
Location #5	9/9/2014	N/A	<.055	ND	27	410
Note: Composite sample collected from the excavated material.						

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 100 mg/Kg Total Petroleum Hydrocarbons (TPH)

PROJECT SUMMARY

The initial soil assessment activities performed by SMA effectively delineated the horizontal and vertical extent of hydrocarbon-affected soils in accordance to NMOCD regulatory guidance. Analytical results indicate that the primary area of affected soils above NMOCD RRALs at the Site was excavated and placed in a synthetically lined and bermed spill pile during the initial spill response on 8/8/14, as represented by spill pile soil sample location #5. This spill pile that contained RCRA Exempt Oil Field wastes and was hauled off on 8/22/14 to and NMOCD approved facility see attached tickets. (Appendix C)

Based on the initial soil sampling results for the Site (Analytical Report- 140762), excavation activities were affective in nature and did not exceed the 6 inches in depth reached in the Initial Response Action. Heavy equipment was utilized to remove and transport all affected soil and wastes of location to NMOCD approved disposal facilities.

CONFIRMATION SAMPLING

Soil samples for confirmation were taken of the spill pile prior to its disposal on 8/22/14. The composite sample locations were based on the geometry of the spill pile. The soil samples were delivered on 8/20/14 to Hall Environmental Analysis Laboratory, in Albuquerque, New Mexico for TPH (GRO/ DRO) analysis by EPA Method 8015 (modified) and BTEX analyses by EPA Method\8021B. Each sample container will be labeled, placed on ice in an insulated cooler, and chilled to a temperature of approximately 40°F (4°C). The cooler will be 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 (1407629&1409635) 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-affected surface areas was performed to mitigate erosion and closure of the spill is requested. The closure request was submitted to the NMOCD as a C-141 final on 10/3/14. (Appendix B)



LIST OF FIGURES

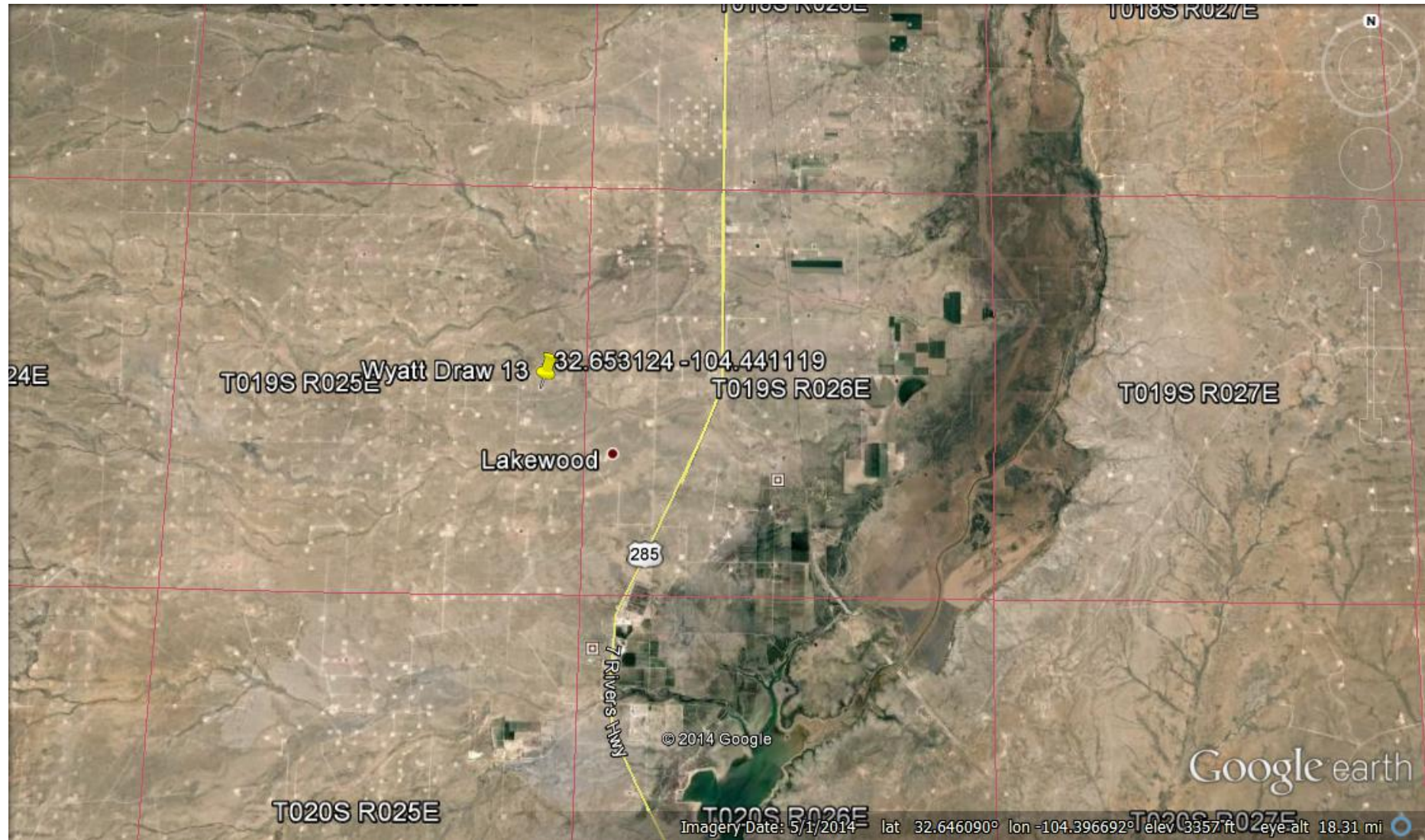
FIGURE 1 SITE LOCATION MAP

FIGURE 2 SITE DETAILS AND SAMPLE LOCATION MAP



APPENDIX A LABORATORY ANALYTICAL REPORTS
APPENDIX B FORM C141FINAL
APPENDIX C WASTE MANIFEST

Wyatt Draw 13PA #1H Wellhead Location Map



Wyatt Draw 13PA #1H Wellhead Release Site Map



- ▲ Wellhead
- ▨ Release Area
- ▤ Stockpile
- × Sample Location

APPENDIX A LABORATORY ANALYTICAL REPORTS
APPENDIX B FORM C141FINAL
APPENDIX C WASTE MANIFEST



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

September 03, 2014

Austin Weyant
Souder, Miller & Associates
201 S Halagueno
Carlsbad, NM 88221
TEL: (575) 689-7040
FAX

RE: Wyatt Draw

OrderNo.: 1408B82

Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 5 sample(s) on 8/22/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1408B82**

Date Reported: **9/3/2014**

CLIENT: Souder, Miller & Associates

Client Sample ID: S-1

Project: Wyatt Draw

Collection Date: 8/19/2014 8:30:00 AM

Lab ID: 1408B82-001

Matrix: SOIL

Received Date: 8/22/2014 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/26/2014 6:36:37 PM	14913
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/26/2014 6:36:37 PM	14913
Surr: DNOP	79.7	57.9-140		%REC	1	8/26/2014 6:36:37 PM	14913
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/25/2014 11:43:38 AM	14918
Surr: BFB	92.6	80-120		%REC	1	8/25/2014 11:43:38 AM	14918
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	8/25/2014 11:43:38 AM	14918
Toluene	ND	0.047		mg/Kg	1	8/25/2014 11:43:38 AM	14918
Ethylbenzene	ND	0.047		mg/Kg	1	8/25/2014 11:43:38 AM	14918
Xylenes, Total	ND	0.094		mg/Kg	1	8/25/2014 11:43:38 AM	14918
Surr: 4-Bromofluorobenzene	103	80-120		%REC	1	8/25/2014 11:43:38 AM	14918
EPA METHOD 300.0: ANIONS							Analyst: LGP
Chloride	810	30		mg/Kg	20	8/26/2014 1:45:55 PM	14961

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1408B82**

Date Reported: **9/3/2014**

CLIENT: Souder, Miller & Associates

Client Sample ID: S-2

Project: Wyatt Draw

Collection Date: 8/19/2014 8:35:00 AM

Lab ID: 1408B82-002

Matrix: SOIL

Received Date: 8/22/2014 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS				Analyst: BCN			
Diesel Range Organics (DRO)	30	9.8		mg/Kg	1	8/26/2014 6:58:09 PM	14913
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/26/2014 6:58:09 PM	14913
Surr: DNOP	83.5	57.9-140		%REC	1	8/26/2014 6:58:09 PM	14913
EPA METHOD 8015D: GASOLINE RANGE				Analyst: NSB			
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/25/2014 1:09:40 PM	14918
Surr: BFB	92.5	80-120		%REC	1	8/25/2014 1:09:40 PM	14918
EPA METHOD 8021B: VOLATILES				Analyst: NSB			
Benzene	ND	0.049		mg/Kg	1	8/25/2014 1:09:40 PM	14918
Toluene	ND	0.049		mg/Kg	1	8/25/2014 1:09:40 PM	14918
Ethylbenzene	ND	0.049		mg/Kg	1	8/25/2014 1:09:40 PM	14918
Xylenes, Total	ND	0.098		mg/Kg	1	8/25/2014 1:09:40 PM	14918
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	8/25/2014 1:09:40 PM	14918
EPA METHOD 300.0: ANIONS				Analyst: LGP			
Chloride	1500	75		mg/Kg	50	8/28/2014 6:39:14 PM	14961

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1408B82**

Date Reported: **9/3/2014**

CLIENT: Souder, Miller & Associates

Client Sample ID: S-5

Project: Wyatt Draw

Collection Date: 8/19/2014 9:45:00 AM

Lab ID: 1408B82-003

Matrix: SOIL

Received Date: 8/22/2014 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	27	9.8		mg/Kg	1	8/26/2014 7:19:39 PM	14913
Motor Oil Range Organics (MRO)	68	49		mg/Kg	1	8/26/2014 7:19:39 PM	14913
Surr: DNOP	59.9	57.9-140		%REC	1	8/26/2014 7:19:39 PM	14913
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/25/2014 2:35:49 PM	14918
Surr: BFB	92.4	80-120		%REC	1	8/25/2014 2:35:49 PM	14918
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	8/25/2014 2:35:49 PM	14918
Toluene	0.055	0.048		mg/Kg	1	8/25/2014 2:35:49 PM	14918
Ethylbenzene	ND	0.048		mg/Kg	1	8/25/2014 2:35:49 PM	14918
Xylenes, Total	ND	0.096		mg/Kg	1	8/25/2014 2:35:49 PM	14918
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	8/25/2014 2:35:49 PM	14918
EPA METHOD 300.0: ANIONS							Analyst: LGP
Chloride	410	30		mg/Kg	20	8/26/2014 2:35:33 PM	14961

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1408B82

Date Reported: 9/3/2014

CLIENT: Souder, Miller & Associates

Client Sample ID: S-3

Project: Wyatt Draw

Collection Date: 8/21/2014 8:40:00 AM

Lab ID: 1408B82-004

Matrix: SOIL

Received Date: 8/22/2014 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/26/2014 7:41:15 PM	14913
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/26/2014 7:41:15 PM	14913
Surr: DNOP	59.8	57.9-140		%REC	1	8/26/2014 7:41:15 PM	14913
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/25/2014 3:04:26 PM	14918
Surr: BFB	92.3	80-120		%REC	1	8/25/2014 3:04:26 PM	14918
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	8/25/2014 3:04:26 PM	14918
Toluene	0.063	0.048		mg/Kg	1	8/25/2014 3:04:26 PM	14918
Ethylbenzene	ND	0.048		mg/Kg	1	8/25/2014 3:04:26 PM	14918
Xylenes, Total	ND	0.096		mg/Kg	1	8/25/2014 3:04:26 PM	14918
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	8/25/2014 3:04:26 PM	14918
EPA METHOD 300.0: ANIONS							Analyst: LGP
Chloride	420	30		mg/Kg	20	8/26/2014 3:00:23 PM	14961

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1408B82**

Date Reported: **9/3/2014**

CLIENT: Souder, Miller & Associates

Client Sample ID: S-4

Project: Wyatt Draw

Collection Date: 8/21/2014 8:45:00 AM

Lab ID: 1408B82-005

Matrix: SOIL

Received Date: 8/22/2014 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	15	9.9		mg/Kg	1	8/26/2014 8:02:38 PM	14913
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/26/2014 8:02:38 PM	14913
Surr: DNOP	72.0	57.9-140		%REC	1	8/26/2014 8:02:38 PM	14913
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/25/2014 3:33:05 PM	14918
Surr: BFB	94.3	80-120		%REC	1	8/25/2014 3:33:05 PM	14918
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	8/25/2014 3:33:05 PM	14918
Toluene	0.049	0.048		mg/Kg	1	8/25/2014 3:33:05 PM	14918
Ethylbenzene	ND	0.048		mg/Kg	1	8/25/2014 3:33:05 PM	14918
Xylenes, Total	ND	0.096		mg/Kg	1	8/25/2014 3:33:05 PM	14918
Surr: 4-Bromofluorobenzene	103	80-120		%REC	1	8/25/2014 3:33:05 PM	14918
EPA METHOD 300.0: ANIONS							Analyst: LGP
Chloride	170	30		mg/Kg	20	8/26/2014 3:25:13 PM	14961

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1408B82

03-Sep-14

Client: Souder, Miller & Associates

Project: Wyatt Draw

Sample ID	MB-14961	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	14961	RunNo:	20829					
Prep Date:	8/26/2014	Analysis Date:	8/26/2014	SeqNo:	606221	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-14961	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	14961	RunNo:	20829					
Prep Date:	8/26/2014	Analysis Date:	8/26/2014	SeqNo:	606222	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.1	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
O RSD is greater than RSDlimit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
P Sample pH greater than 2.
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1408B82

03-Sep-14

Client: Souder, Miller & Associates

Project: Wyatt Draw

Sample ID	MB-14913		SampType: MBLK		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS		Batch ID: 14913		RunNo: 20787					
Prep Date:	8/22/2014		Analysis Date: 8/26/2014		SeqNo: 605226		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.5		10.00		75.4	57.9	140			

Sample ID	LCS-14913		SampType: LCS		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 14913		RunNo: 20787					
Prep Date:	8/22/2014		Analysis Date: 8/26/2014		SeqNo: 605227		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.4	68.6	130			
Surr: DNOP	4.3		5.000		85.7	57.9	140			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
O RSD is greater than RSDlimit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
P Sample pH greater than 2.
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1408B82

03-Sep-14

Client: Souder, Miller & Associates

Project: Wyatt Draw

Sample ID MB-14918	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 14918		RunNo: 20779							
Prep Date: 8/22/2014	Analysis Date: 8/25/2014		SeqNo: 604746		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	920		1000		92.3	80	120			

Sample ID LCS-14918	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 14918		RunNo: 20779							
Prep Date: 8/22/2014	Analysis Date: 8/25/2014		SeqNo: 604747		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	112	65.8	139			
Surr: BFB	1000		1000		99.8	80	120			

Sample ID 1408B82-001AMS	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: S-1	Batch ID: 14918		RunNo: 20779							
Prep Date: 8/22/2014	Analysis Date: 8/25/2014		SeqNo: 604749		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.7	23.58	0	106	71.8	132			
Surr: BFB	960		943.4		102	80	120			

Sample ID 1408B82-001AMSD	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: S-1	Batch ID: 14918		RunNo: 20779							
Prep Date: 8/22/2014	Analysis Date: 8/25/2014		SeqNo: 604750		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.7	23.63	0	111	71.8	132	4.93	20	
Surr: BFB	940		945.2		99.9	80	120	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
 E Value above quantitation range
 J Analyte detected below quantitation limits
 O RSD is greater than RSDlimit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 P Sample pH greater than 2.
 RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1408B82

03-Sep-14

Client: Souder, Miller & Associates

Project: Wyatt Draw

Sample ID MB-14918	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 14918		RunNo: 20779							
Prep Date: 8/22/2014	Analysis Date: 8/25/2014		SeqNo: 604773		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120			

Sample ID LCS-14918	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 14918		RunNo: 20779							
Prep Date: 8/22/2014	Analysis Date: 8/25/2014		SeqNo: 604774		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.050	1.000	0	99.4	80	120			
Toluene	0.98	0.050	1.000	0	98.1	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

Sample ID 1408B82-002AMS	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: S-2	Batch ID: 14918		RunNo: 20779							
Prep Date: 8/22/2014	Analysis Date: 8/25/2014		SeqNo: 604777		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.049	0.9756	0	96.4	77.4	142			
Toluene	0.94	0.049	0.9756	0.007703	95.6	77	132			
Ethylbenzene	0.96	0.049	0.9756	0	98.1	77.6	134			
Xylenes, Total	2.9	0.098	2.927	0.01307	97.7	77.4	132			
Surr: 4-Bromofluorobenzene	1.0		0.9756		107	80	120			

Sample ID 1408B82-002AMSD	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: S-2	Batch ID: 14918		RunNo: 20779							
Prep Date: 8/22/2014	Analysis Date: 8/25/2014		SeqNo: 604778		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.049	0.9794	0	87.5	77.4	142	9.23	20	
Toluene	0.85	0.049	0.9794	0.007703	86.1	77	132	9.92	20	
Ethylbenzene	0.87	0.049	0.9794	0	88.8	77.6	134	9.56	20	
Xylenes, Total	2.6	0.098	2.938	0.01307	89.5	77.4	132	8.40	20	
Surr: 4-Bromofluorobenzene	1.0		0.9794		107	80	120	0	0	

Qualifiers:

- | | |
|---|--|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| J Analyte detected below quantitation limits | ND Not Detected at the Reporting Limit |
| O RSD is greater than RSDlimit | P Sample pH greater than 2. |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S Spike Recovery outside accepted recovery limits | |

Sample Log-In Check List

Client Name: SMA-CARLSBAD

Work Order Number: 1408B82

RcptNo: 1

Received by/date:

Logged By: Lindsay Mangin

08/22/14
8/22/2014 9:50:00 AM

Completed By: Lindsay Mangin

8/22/2014 11:10:01 AM

Reviewed By:

AF 08/22/14

Chain of Custody

1. Custody seals intact on sample bottles? Yes No Not Present ✓
2. Is Chain of Custody complete? Yes ✓ No Not Present
3. How was the sample delivered? Courier

Log In

4. Was an attempt made to cool the samples? Yes ✓ No NA
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ✓ No NA
6. Sample(s) in proper container(s)? Yes ✓ No
7. Sufficient sample volume for indicated test(s)? Yes ✓ No
8. Are samples (except VOA and ONG) properly preserved? Yes ✓ No
9. Was preservative added to bottles? Yes No ✓ NA
10. VOA vials have zero headspace? Yes No No VOA Vials ✓
11. Were any sample containers received broken? Yes No ✓
of preserved bottles checked for pH: (≤2 or ≥12 unless noted)
12. Does paperwork match bottle labels? Yes ✓ No Adjusted?
(Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes ✓ No
14. Is it clear what analyses were requested? Yes ✓ No
15. Were all holding times able to be met? Yes ✓ No Checked by:
(If no, notify customer for authorization.)

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes No NA ✓

Person Notified:

Date:

By Whom:

Via:

eMail

Phone

Fax

In Person

Regarding:

Client Instructions:

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.4	Good	Yes			

NM OIL CONSERVATION

ARTESIA DISTRICT
OCT 03 2014

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Mewbourne Oil Company	Contact	Zach Thomas
Address	P.O. Box 5270 Hobbs, NM 88241	Telephone No.	575-393-6862
Facility Name	Wyllt Draw 13 PA #001H	Facility Type	Oil Well

Surface Owner	State of New Mexico	Mineral Owner	API No. 30-015-40301
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LOCATION OF RELEASE

Unit Letter	A	Section	24	Township	19S	Range	25E	Feet from the North/South Line	N	Feet from the East/West Line	E	County	EDDY
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Latitude 32.65296 Longitude -104.43297

NATURE OF RELEASE

Type of Release Oil	Volume of Release 25bbl	Volume Recovered 15bbl	Date and Hour of Occurrence	8/7/14	Date and Hour of Discovery	8/7/14
Source of Release Production Tank	Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	By Whom?	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.*

Casing valve left open by accident allowing fluid to come to surface and leak into cellar and onto location. Well was shut off when discovered and casing valve was closed. Well left down overnight. The area affected is the pad surface around wellhead. Vacuum truck picked up all standing fluid (15bbl) and hauled to Fairchild SWD.

Describe Area Affected and Cleanup Action Taken.*

Contaminated soil was excavated and hauled to NMOC approved disposal site. All remedial activities were conducted in accordance with the NMOC's Guidelines for Remediation of Spills, Leaks and Releases. Vertical and horizontal delineation samples were taken and analysis run for TPH and BTEX (chlorides for documentation). The initial analytical results for TPH and BTEX were under RRA's (site ranking is 20) I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC 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, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

Date: 10-3-14
E-mail Address: zthomas@newhouse.com
Phone: 575-602-2188

Title: Environmental Rep.

Printed Name: Zack Thomas

Signature: [Signature]

* Attach Additional Sheets If Necessary

Form C-141
Revised August 8, 2011
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.



R360 Environmental Solutions, LLC
Permian Basin Region

P.O. Box 3452
Hobbs, NM 88241

Invoice

Date: 8/29/2014
Invoice #: C126743

Terms: Due Upon Receipt
Generator: MEWBOURNE OIL CO
Lease: WYATT DRAW 13PA
Well: 1H
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)	12.00			\$24.00	\$288.00	627426	8/22/2014	NA	RICKY APPERSON	50/50 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: \$288.00
NM Sales Tax (6.8125%): \$19.62
Total: \$307.62

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: 627426

Bill To:	MEWBOURNE OIL CO	Lease:	WYATT DRAW 13PA
Company/Generator:	MEWBOURNE OIL CO	Well:	1H
Company Man:	RICKY APPERSON	Rig:	
Trucking:	50/50 TRUCKING	PO:	
Date:	8/22/2014	Driver:	MANUEL
3rd Party Ticket:	NA	Vehicle:	1362

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil (RCRA Exempt)	12.00 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	

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

50/50

NON-HAZARDOUS WASTE MANIFEST

NO 101928

1. PAGE ___ OF ___

2. TRAILER NO. 1362

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3. COMPANY NAME

Mewbourne Oil
PHONE NO.

(575) 393-5905

4. ADDRESS

701 S. Cecil St.

CITY

STATE

ZIP

Hobbs

NM

88240

5. PICK-UP DATE

8/22/2014

6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b.

c.

WT: 38,500

8. CONTAINERS

No.

Type

1

CM

9. TOTAL QUANTITY

10. UNIT Wt/Vol.

11. TEXAS WASTE ID

12. COMMENTS OR SPECIAL INSTRUCTIONS:

WYATT DRAW 13 PA # 1 H

13. WASTE PROFILE NO.

708592

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

Kin Slaughter

575-887-4048

15. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME

SIGNATURE

DATE

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16.

TRANSPORTER (1)

NAME:

50/50 BACKHOE SERVICES

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT: LELAND SHOOK

EMERGENCY PHONE:

(575) 748-5549

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

Manuel Maldonado

SIGNATURE

Manuel Maldonado

DATE

8/22/2014

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

Donna Newino

CELL NO.

DATE

8/22/2014

TIME

8:05

Saralyn Hall at 405-519-1187 E-mail: shall119@cox.net

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

50/50

NON-HAZARDOUS WASTE MANIFEST

NO 101918

1. PAGE ___ OF ___

2. TRAILER NO. 1362

G

3. COMPANY NAME

Mewbourne Oil
PHONE NO.

4. ADDRESS

701 S. Cecil St.

CITY

STATE

ZIP

5. PICK-UP DATE

8/21/2014

6. TNRCC I.D. NO.

E

(575) 393-5905

Hobbs

NM

88240

N

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

a. Non-Regulated, Non Hazardous Waste

b. ③ 40,800

c.

WT: 34,780, ② 43180

8. CONTAINERS
No. Type

1

CM

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

E

R

A

12. COMMENTS OR SPECIAL INSTRUCTIONS:

WYATT DRAW 13 PA# 1 H

T-118.760

13. WASTE PROFILE NO.

708592

T

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

Kin Slaughter

575-887-4048

O

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

50/50 BACKHOE SERVICES

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT: LELAND SHOOK

EMERGENCY PHONE:

(575) 749-6640

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME

X Manuel Maldonado

SIGNATURE

Manuel Maldonado

DATE

8/21/2014

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

19. TRANSPORTER (2): Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE

Donna Jrevino

CELL NO.

DATE

8/21/2014

TIME

10:30