

RECEIVEDBy **OCD District 1** at 12:49 pm, Aug 10, 2015

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

Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

APPROVEDBy **OCD District 1** at 12:49 pm, Aug 10, 2015

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: QPQASU #23	Facility Type: Producing Oil Well
Surface Owner: BLM	Mineral Owner: BLM
API No. 30-025-25619	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	27	18S	32E	2310'	North	990'	West	Lea

Latitude 32.7193360 Longitude -103.759517**NATURE OF RELEASE**

Type of Release: Oil/produced water	Volume of Release: estimated 20 bbls	Volume Recovered: N/A
Source of Release: Stuffing Box/well head	Date and Hour of Occurrence 5-19-15	Date and Hour of Discovery 5-19-15 9:00 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Kellie Jones	
By Whom? Zack Thomas	Date and Hour 5-19-15 2:20 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*



Describe Cause of Problem and Remedial Action Taken.*

Well was shut-in and pumping unit turned off due to production practices, but pumping unit was turned on by an anonymous party causing stuffing box to blow out due to tubing and casing valves being shut. Pumping unit was turned back off by pumper upon arrival to stop the release.

Describe Area Affected and Cleanup Action Taken.*

Affected area- Well pad surface around well head and lease road going into well location. Fluid also ran off lease road into the pasture an estimated 20 yards to the South. All visually contaminated soil was scraped up and hauled off to an approved NMOCD disposal facility then soil samples were taken to verify cleanliness. Details of work done are in the Corrective Action Plan Closure Request dated August 6, 2015.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Zack Thomas	Approved by Environmental Specialist: 	
Title: Environmental Rep.	Approval Date: 08/10/15	Expiration Date: ///
E-mail Address: zthomas@mewbourne.com	Conditions of Approval: Geotagged photos of remediation required. Ensure BLM concurrence/approval	Attached <input type="checkbox"/> IRP 3644
Date: 8-10-15	Phone: 575-602-2188	

* Attach Additional Sheets If Necessary

pKJ1514134217

nKJ1514133492



QPQASU #23

T18S, R32E, Sec 27

API # 30-025-25619

Corrective Action Plan Closure Request

Release Date: May 19, 2015

August 6, 2015

Prepared by:

Zack Thomas

Environmental Representative

Mewbourne Oil Company

701 S. Cecil

Hobbs, NM 88240

Kellie Jones
Oil Conservation Division, EMNRD
E-Mail: kellie.jones@state.nm.us

RE: QPQASU #23 - Remediation Work Plan

Kellie,

Mewbourne has retained Turnco Enterprises LLC, to address environmental issues for the site detailed herein.

The site is located south of Maljamar NM, in Lea County. The leak site resulted from a hydrocarbon/produce water leak. The source of the leak was due to a stuffing box blowout. A C-141 was submitted to the NMOCD on May 20, 2015.

Site Assessment

Mewbourne has conducted a groundwater study of the area and has determined that according to the New Mexico Office of the State Engineer the average depth to groundwater for this area is 400 foot below ground surface. Therefore, no eminent danger of groundwater impact or threat to life is anticipated.

Mewbourne has also determined that the site is inside the MOA area which allows archaeological clearance by contributing to the Permian Basin Cultural Resource Mitigation Fund.

Conclusion

After careful review Mewbourne would like to request closure based on excavation depths and soil analytical data(attached):

Depths of excavations: S1 area = 2'bgs
S2 area = Average of 1-2'
S3 area = 3'bgs
S4 area = 1'bgs

Following the approval of the closure request, Mewbourne will backfill the excavated areas with clean top soil (Sandy Loam) and reseed.

Please feel free to contact me with any questions concerning this remediation plan request.

Sincerely,

A handwritten signature in cursive script, appearing to read "Z. Thomas".

Zack Thomas
Environmental Representative
Mewbourne Oil Company
701 S. Cecil
Hobbs, NM 88240
Office: (575) 393-5905
Mobile: (575) 602-2188
Fax: (575) 393-7259
Email: zthomas@mewbourne.com



32.718952, -103.758448

S4

S2

S3

25000

Company Name: MEWBOURNE
Location Name: QPQASU #23

SP Date: _____
Rel Date: _____

6/2/2015

[illegible]

	Lab Confirmation Sample
	Field Sampling
	Needs Delineation and confirmation samples



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

June 09, 2015

ZACK THOMAS

MEWBOURNE OIL COMPANY

P. O. BOX 5270

HOBBS, NM 88240

RE: QPQASU #23

Enclosed are the results of analyses for samples received by the laboratory on 06/02/15 13:40.

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,

Caley 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: 06/02/2015
 Reported: 06/09/2015
 Project Name: QPQASU #23
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

 Sampling Date: 06/02/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SAMPLE 1 2' (H501409-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2015	ND	2.38	119	2.00	3.29	
Toluene*	<0.050	0.050	06/04/2015	ND	2.14	107	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	2.10	105	2.00	2.55	
Total Xylenes*	<0.150	0.150	06/04/2015	ND	6.15	102	6.00	2.76	
Total BTEX	<0.300	0.300	06/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 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	688	16.0	06/08/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/03/2015	ND	172	86.2	200	5.38	
DRO >C10-C28	505	50.0	06/03/2015	ND	165	82.6	200	8.14	

Surrogate: 1-Chlorooctane 91.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 112 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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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: 06/02/2015
 Reported: 06/09/2015
 Project Name: QPQASU #23
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

 Sampling Date: 06/02/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SAMPLE 1 4' (H501409-02)

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	06/04/2015	ND	2.38	119	2.00	3.29	
Toluene*	<0.050	0.050	06/04/2015	ND	2.14	107	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	2.10	105	2.00	2.55	
Total Xylenes*	<0.150	0.150	06/04/2015	ND	6.15	102	6.00	2.76	
Total BTEX	<0.300	0.300	06/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 110 % 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	368	16.0	06/08/2015	ND	432	108	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	06/03/2015	ND	172	86.2	200	5.38	
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	165	82.6	200	8.14	

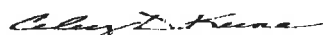
Surrogate: 1-Chlorooctane 94.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.5 % 52.1-176

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* = Accredited Analyte

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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: 06/02/2015
 Reported: 06/09/2015
 Project Name: QPQASU #23
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

 Sampling Date: 06/02/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SAMPLE 1 6' (H501409-03)

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	06/04/2015	ND	2.38	119	2.00	3.29	
Toluene*	<0.050	0.050	06/04/2015	ND	2.14	107	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	2.10	105	2.00	2.55	
Total Xylenes*	<0.150	0.150	06/04/2015	ND	6.15	102	6.00	2.76	
Total BTX	<0.300	0.300	06/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 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	368	16.0	06/08/2015	ND	432	108	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	06/03/2015	ND	172	86.2	200	5.38	
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	165	82.6	200	8.14	

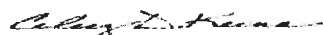
Surrogate: 1-Chlorooctane 90.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.4 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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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: 06/02/2015
Reported: 06/09/2015
Project Name: QPQASU #23
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 06/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SAMPLE 2 1' (H501409-04)

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	06/04/2015	ND	2.38	119	2.00	3.29	
Toluene*	<0.050	0.050	06/04/2015	ND	2.14	107	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	2.10	105	2.00	2.55	
Total Xylenes*	<0.150	0.150	06/04/2015	ND	6.15	102	6.00	2.76	
Total BTEX	<0.300	0.300	06/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 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	128	16.0	06/08/2015	ND	432	108	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	06/03/2015	ND	172	86.2	200	5.38	
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	165	82.6	200	8.14	

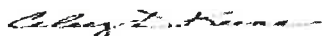
Surrogate: 1-Chlorooctane 85.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 90.5 % 52.1-176

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*=Accredited Analyte

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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: 06/02/2015
Reported: 06/09/2015
Project Name: QPQASU #23
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 06/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SAMPLE 2 3' (H501409-05)

BTEX 80218		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2015	ND	2.38	119	2.00	3.29	
Toluene*	<0.050	0.050	06/04/2015	ND	2.14	107	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	2.10	105	2.00	2.55	
Total Xylenes*	<0.150	0.150	06/04/2015	ND	6.15	102	6.00	2.76	
Total BTEX	<0.300	0.300	06/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 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	288	16.0	06/08/2015	ND	432	108	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	06/03/2015	ND	189	94.4	200	6.65	
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	182	91.2	200	7.06	

Surrogate: 1-Chlorooctane 83.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 83.8 % 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: 06/02/2015
Reported: 06/09/2015
Project Name: QPQASU #23
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 06/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SAMPLE 2 5' (H501409-06)

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	06/04/2015	ND	2.38	119	2.00	3.29	
Toluene*	<0.050	0.050	06/04/2015	ND	2.14	107	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	2.10	105	2.00	2.55	
Total Xylenes*	<0.150	0.150	06/04/2015	ND	6.15	102	6.00	2.76	
Total BTEX	<0.300	0.300	06/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 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	160	16.0	06/08/2015	ND	432	108	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	06/03/2015	ND	179	89.4	200	3.01	
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	189	94.5	200	0.510	

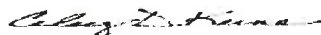
Surrogate: 1-Chlorooctane 106 % 47.2-157

Surrogate: 1-Chlorooctadecane 122 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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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: 07/20/2015
Reported: 07/27/2015
Project Name: QPQASU #23
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 07/20/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Judy Garcia

S3 - 1' BGS
Sample ID: S-1 (H501877-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2015	ND	1.99	99.6	2.00	0.746	
Toluene*	<0.050	0.050	07/24/2015	ND	1.98	98.9	2.00	0.169	
Ethylbenzene*	<0.050	0.050	07/24/2015	ND	2.07	104	2.00	1.18	
Total Xylenes*	<0.150	0.150	07/24/2015	ND	5.45	90.8	6.00	0.643	
Total BTEX	<0.300	0.300	07/24/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	07/26/2015	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	07/23/2015	ND	203	102	200	1.07	
DRO >C10-C28	9490	100	07/23/2015	ND	214	107	200	5.72	

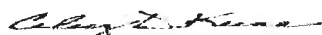
Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 219 % 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: 07/20/2015
Reported: 07/27/2015
Project Name: QPQASU #23
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 07/20/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Judy Garcia

S3 - 3' - B6S
Sample ID: S-2 (H501877-02)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2015	ND	1.99	99.6	2.00	0.746	
Toluene*	<0.050	0.050	07/24/2015	ND	1.98	98.9	2.00	0.169	
Ethylbenzene*	<0.050	0.050	07/24/2015	ND	2.07	104	2.00	1.18	
Total Xylenes*	<0.150	0.150	07/24/2015	ND	5.45	90.8	6.00	0.643	
Total BTEX	<0.300	0.300	07/24/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 171 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/26/2015	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/23/2015	ND	194	96.9	200	3.21	
DRO >C10-C28	<10.0	10.0	07/23/2015	ND	172	86.2	200	6.93	

Surrogate: 1-Chlorooctane 89.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 90.1 % 52.1-176

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Analytical Results For:

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

Received: 07/20/2015
Reported: 07/27/2015
Project Name: QPQASU #23
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 07/20/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Judy Garcia

S3 - 5' - 865
Sample ID: S-3 (H501877-03)

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	07/24/2015	ND	1.99	99.6	2.00	0.746		
Toluene*	<0.050	0.050	07/24/2015	ND	1.98	98.9	2.00	0.169		
Ethylbenzene*	<0.050	0.050	07/24/2015	ND	2.07	104	2.00	1.18		
Total Xylenes*	<0.150	0.150	07/24/2015	ND	5.45	90.8	6.00	0.643		
Total BTEX	<0.300	0.300	07/24/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 113 % 85.6-137

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	07/26/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	07/23/2015	ND	194	96.9	200	3.21		
DRO >C10-C28	<10.0	10.0	07/23/2015	ND	172	86.2	200	6.93		

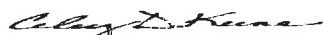
Surrogate: 1-Chlorooctane 89.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 100 % 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: 06/02/2015
Reported: 06/09/2015
Project Name: QPQASU #23
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 06/02/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SAMPLE 4 1' (H501409-09)

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	06/05/2015	ND	2.38	119	2.00	3.29	
Toluene*	<0.050	0.050	06/05/2015	ND	2.14	107	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.10	105	2.00	2.55	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	6.15	102	6.00	2.76	
Total BTEX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	208	16.0	06/08/2015	ND	432	108	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	06/03/2015	ND	179	89.4	200	3.01	
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	189	94.5	200	0.510	

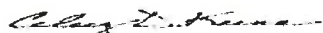
Surrogate: 1-Chlorooctane 108 % 47.2-157

Surrogate: 1-Chlorooctadecane 122 % 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: 06/02/2015
 Reported: 06/09/2015
 Project Name: QPQASU #23
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

 Sampling Date: 06/02/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SAMPLE 4 3' (H501409-10)

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	06/05/2015	ND	2.31	115	2.00	1.60	
Toluene*	<0.050	0.050	06/05/2015	ND	2.07	103	2.00	2.73	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.02	101	2.00	3.64	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.88	98.0	6.00	3.80	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 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	112	16.0	06/08/2015	ND	432	108	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	06/03/2015	ND	179	89.4	200	3.01	
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	189	94.5	200	0.510	

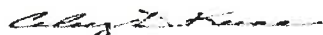
Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 123 % 52.1-176

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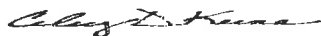
Celey D. Keene, Lab Director/Quality Manager

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

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

Company Name: <u>McBurnie</u>				P.O. #:				BILL TO				ANALYSIS REQUEST			
Project Manager:				Company:				Address:							
Address:				Attn:				City:							
City: <u>Hobbs</u>				State: <u>NM</u>				Zip: <u>88240</u>							
Phone #:				Fax #:				Address:							
Project #:				Project Owner:				City:							
Project Name:				State:				Zip:							
Project Location:				Phone #:				Fax #:							
Sample Name: <u>QAQA54 #23</u>				Sample Name: <u>Zack Thomas</u>											

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	CI	BTEX	TPH
<u>H501409</u>	Sample 1	2 ft	1	GROUNDWATER			6-21-15	11:30	/	/	/
	Sample 2	4 ft	1	WASTEWATER			11:35		/	/	/
	Sample 3	6 ft	1	SOIL			11:38		/	/	/
	Sample 4	1 ft	1	OIL			11:45		/	/	/
	Sample 5	3 ft	1	SLUDGE			11:47		/	/	/
	Sample 6	5 ft	1	OTHER			11:49		/	/	/
	Sample 7	0 ft	1	ACID/BASE			12:00		/	/	/
	Sample 8	2 ft	1	ICE / COOL			12:01		/	/	/
	Sample 9	1 ft	1	OTHER			12:15		/	/	/
	Sample 10	3 ft	1				12:15		/	/	/

Relinquished By: <u>[Signature]</u>		Date: <u>6-2-15</u>		Received By: <u>[Signature]</u>		Date: <u>6-2-15</u>	
Relinquished By:		Date:		Received By:		Date:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>4.20c</u>		Sample Condition: <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: <u>[Signature]</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
REMARKS:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:					