RECEIVED		APPROVED	
By OCD District 1 at 12:49 pm, Aug 10, 2015	tate of New Mexico	By OCD District	1 at 12:49 pm, Aug 10, 2015
District II Energy IV	linerals and Natural Re	Sources	Revised August 8, 2011

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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Act	tion
--	------

OPERATOR	🗌 It	nitial Report	\boxtimes	Final Report
Contact: Zack Thomas				
elephone No. 575-393-5905				
Sacility Type: Producing Oil Well				
20	ontact: Zack Thomas elephone No. 575-393-5905			

Surface Owner: BLM

Mineral Owner: BLM

API No. 30-025-25619

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the 2310'	North/South Line	Feet from the	East/West Line	County
E		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 Rec	ecovered: N/A						
Source of Release: Stuffing Box/well head	Date and Hour of OccurrenceDate and Hour of Discovery5-19-155-19-159:00 am								
Was Immediate Notice Given?	If YES, To Whom? Kellie Jones								
By Whom? Zack Thomas	Date and Hour 5-19-15 2:20 pm								
Was a Watercourse Reached?	If YES, Volume Impacting the Wat	tercourse.							
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.									
34	OIL CONSERVATION DIVISION								
Signature: Image: Thomas Printed Name: Zack Thomas Approved by Environmental Specialist:									
Title: Environmental Rep.	Approval Date: 08/10/15	Expiration Dat	te: ///						
E-mail Address: zthomas@mewbourne.com	Conditions of Approval: Geotagged photos of remediation req	Attached							
Date: 8-10-15 Phone: 575-602-2188	Ensure BLM concurrence/approval 1RP 3644								

* Attach Additional Sheets If Necessary



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,

3. 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: <u>zthomas@mewbourne.com</u>



Diversified Environmental Services

		0	0													
	TPH	~														
	CHL	208	112													
	SP4	1'	3'													
			0	0									[П
8 I.N	ТРН	9490			-											
	GL	1550	640	240												
6/2/2015	SP3	1'	3'	5'												
		0	0	0		_							ـــــــــــــــــــــــــــــــــــــ	- 	r r	
SP Date: Rel Date:	ТРН															
	CHL	128	288	160												
ш	SP2	1'	3'	5'												
J #23		505	0	0				Γ				<u> </u>	<u> </u>	<u> </u>		Π
MEWBOURNE QPQASU #23	ТРН										_					
	CHL	688	368	368												
Company Name: Location Name:	SP1	2'	4'	6'												

Lab Confirmation Sample
Field Sampling
Needs Delineation and confirmation samples

Page 1



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celeg D. Keene

Celey D. Keene Lab Director/Quality Manager



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

Received:	06/02/2015	Sampling Date:	06/02/2015
Reported:	06/09/2015	Sampling Type:	Soil
Project Name:	QPQASU #23	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodl Henson
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 (PIC 107 % 61-154

Chloride, SM4500Ci-B	mg.	/kg	Analyze	d 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	n1 <u>9</u> ,	/kg	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	112	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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Celez T. Kenne



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

Received:	06/02/2015	Sampling Date:	06/02/2015
Reported:	06/09/2015	Sampling Type:	Soil
Project Name:	QPQASU #23	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	kg	Analyze	d 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 5	61-154	r						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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-Chlorooctane94.2 %47.2-157Surrogate: 1-Chlorooctadecane96.5 %52.1-176

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Celley Z. Frence



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

Received:	06/02/2015	Sampling Date:	06/02/2015
Reported:	06/09/2015	Sampling Type:	Soll
Project Name:	QPQASU #23	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

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

BTEX 8021B	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 107 % 61-154

Chloride, SM4500Cl-B	mg ,	/kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	95.4	% 52.1-17	6						

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Received:	06/02/2015	Sampling Date:	06/02/2015
Reported:	06/09/2015	Sampling Type:	Soil
Project Name:	QPQASU #23	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

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

	·							
BTEX 8021B mg/kg		Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	06/04/2015	ND	2.38	119	2.00	3.29	
<0.050	0.050	06/04/2015	ND	2.14	107	2.00	3.18	
<0.050	0.050	06/04/2015	ND	2.10	105	2.00	2.55	
<0,150	0.150	06/04/2015	ND	6.15	102	6.00	2.76	
<0.300	0.300	06/04/2015	ND					
	mg/ Result <0.050 <0.050 <0.050 <0.150	mg/kg Result Reporting Limit <0.050	mg/kg Analyzed Result Reporting Limit Analyzed <0.050	mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Bhank <0.050	mg/kg Analyzed Method Blank BS Result Reporting Limit Analyzed Method Blank BS <0.050	mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIC 109 % 61-154

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7 -						
Surrogate: 1-Chlorooctadecane	90.5	% 52.1-17	6						

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

Received:	06/02/2015	Sampling Date:	06/02/2015
Reported:	06/09/2015	Sampling Type:	Soil
Project Name:	QPQASU #23	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg/	rkg	Analyze	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					

Applyment Day MC

Surrogate: 4-Bromofluorobenzene (PIL 109 % 61-154

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	83.8	% 52.1-1 7	6						

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

Received:	06/02/2015	Sampling Date:	06/02/2015
Reported:	06/09/2015	Sampling Type:	Soil
Project Name:	QPQASU #23	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

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	Qualifler
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 109 % 61-154

Chioride, SM4500Ci-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	122	% 52.1-17	6						

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Celleg Listina -



07/20/2015

Judy Garcia

** (See Notes)

Soil

Analytical Results For:

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

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

Received:	07/20/2015
Reported:	07/27/2015
Project Name:	QPQASU #23
Project Number:	NONE GIVEN
Project Location:	NONE GIVEN
53 - 1' BG5	

Sample ID: 5-1 (H501877-01)

BTEX 8021B	mg/	kg	Analyze	d 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	Analyze	d 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	mig,	/kg	Analyze	d By: MS					S-06
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	% 47.2-15	7						

Surrogate: 1-Chlorooctadecane 219 % 52.1-176

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Celenz Z. thereas

Celey D. Keene, Lab Director/Quality Manager



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 NONE GIVEN Project Location: 53-3'-BGS

Sampling Date: Sampling Type: Soll Sampling Condition: Sample Received By: Judy Garcia

07/20/2015 ** (See Notes)

Qualifier

Sample 1D: S-2 (H501877-02) S-04 Analyzed By: MS **BTEX 8021B** mg/kg Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Analyte 07/24/2015 ND 1.99 99.6 2.00 0.746 Benzene* <0.050 0.050 0.169 Toluene* < 0.050 0.050 07/24/2015 ND 1.98 98.9 2.00 2.00 1,18 0.050 07/24/2015 ND 2.07 104 <0.050 Ethylbenzene* 5.45 0.643 Total Xylenes* <0.150 0.150 07/24/2015 ND 90.8 6.00

07/24/2015

171 % Surrogate: 4-Bromofluorobenzene (PIL

Total BTEX

<0.300

0.300

85.6-137

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	1 94	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	90. I	% 52.1-17	6						

ND

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Colleg Z. trene



07/20/2015

Judy Garcia

** (See Notes)

Soil

Analytical Results For:

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

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

 Received:
 07/20/2015

 Reported:
 07/27/2015

 Project Name:
 QPQASU #23

 Project Number:
 NONE GIVEN

 Project Location:
 NONE GIVEN

 \$3 - 5' - 865
 \$

Sample ID: S-3 (H501877-03)

BTEX 8021B	mg,	'kg	Analyze	d 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	Analyze	d 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	Analyze	d 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	
Surrogale: 1-Chlorooctane	89.2	% 47.2-15	7						

Surrogate: 1-Chlorooctadecane 100 % 52.1-176

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

Received:	06/02/2015	Sampling Date:	06/02/2015
Reported:	06/09/2015	Sampling Type:	Soil
Project Name:	QPQASU #23	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

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

nembre en recomment a /									
BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifler
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					

61-154

Surrogate: 4-Bromofluorobenzene (PIL 107 %

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	122	% 52.1-17	6						

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

Received:	06/02/2015	Sampling Date:	06/02/2015
Reported:	06/09/2015	Sampling Type:	Soil
Project Name:	QPQASU #23	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 BTEX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL 106 % 61-154

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifler
Chloride	112	16.0	06/08/2015	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	123	% 52.1-17	6						

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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 SM4500CI-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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326	(575) 393-2326 FAX (575) 393-2476			
Project Manager:	ane	P.O. #	,	
Address:		Company:		
city: Holokas	State: NM Zip: 88340	Attn:		
Phone #:	Fax #:	Address:		
Project #:	Project Owner:	City:		,
Project Name:		State: Zip:		
Project Location: OPQA	SU#23	Phone #:		
Sampler Name: Zacke	Homas	Fax #		
505 USB 050 011 ×	P. MATRIX	PRESERV. SAMPLING		
Lab I.D. Samp	Sample I.D.	LUDGE THER CID/BASE EE / COOL THER	CI IBTEX TPH	
and and 1	- # V S			
7 Sample 2	44	-		
4 Sample 7	, 100	1.45		
5 Sumole 2	34 61	11:47	111	
6 Sumple 2	SFT CI 1	64:11	1 1 1	
Z Sample 3	017 01 1	12:00	1	
Thomas b	121 10- 1	12:0		
10 Sande 4	13H 1211 1	12:1		
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	Time			
Delivered By: (Circle One)		dition CHESKED BY:		
Sampler - UPS - Bus - Other:	4.2°C Pres	Nes Or		

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

Page 13 of 13