



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

August 17, 2015

ZACK THOMAS

MEWBOURNE OIL COMPANY

P. O. BOX 5270

HOBBS, NM 88240

RE: JESTER

Enclosed are the results of analyses for samples received by the laboratory on 08/14/15 8:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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: 08/14/2015
 Reported: 08/17/2015
 Project Name: JESTER
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 08/13/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: 01 - 6" (H502114-01)

pH	pH Units		Analyzed By: AP							
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH*		7.01	0.100	08/17/2015		7.09	101	7.00	0.711	

Sample ID: 01 - 1' (H502114-02)

pH	pH Units		Analyzed By: AP							
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH*		7.68	0.100	08/17/2015		7.09	101	7.00	0.711	

Sample ID: 01 - 1.5' (H502114-03)

pH	pH Units		Analyzed By: AP							
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH*		7.77	0.100	08/17/2015		7.09	101	7.00	0.711	

Sample ID: 02 - 6" (H502114-04)

pH	pH Units		Analyzed By: AP							
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH*		7.35	0.100	08/17/2015		7.09	101	7.00	0.711	

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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: 08/14/2015
Reported: 08/17/2015
Project Name: JESTER
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 08/13/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: 02 - 1' (H502114-05)

pH		pH Units		Analyzed By: AP						
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH*		7.63	0.100	08/17/2015		7.09	101	7.00	0.711	

Sample ID: 02 - 1.5' (H502114-06)

pH	pH Units		Analyzed By: AP							
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH*		7.39	0.100	08/17/2015		7.09	101	7.00	0.711	

Sample ID: 01 - 2' (H502114-07)

pH	pH Units		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH*	8.00	0.100	08/17/2015		7.09	101	7.00	0.711	

Sample ID: 02 - 2' (H502114-08)

pH	pH Units		Analyzed By: AP							
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
pH*		7.11	0.100	08/17/2015		7.09	101	7.00	0.711	

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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



CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Newbury Oil Co.</u>		P.O. #:		BILL TO											
Project Manager: <u>Zac Thomas</u>		Company:		ANALYSIS REQUEST											
Address:		Attn:													
City:		State:		Zip:											
Phone #:		Fax #:		Address:											
Project #:		Project Owner:		City:											
Project Name:		State:		Zip:											
Project Location: <u>Dexter</u>		Phone #:													
Sampler Name:		Fax #:													
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING									
				GROUNDWATER											
				WASTEWATER											
				SOIL											
				OIL											
				SLUDGE											
				OTHER :											
				ACID/BASE:											
				ICE / COOL											
				OTHER :											
							DATE	TIME							
<u>H502114</u>	<u>01-6"</u>		<u>1</u>				<u>8-13</u>								
<u>1</u>	<u>01-15"</u>		<u>1</u>				<u>8-13</u>								
<u>2</u>	<u>01-15"</u>		<u>1</u>				<u>8-13</u>								
<u>3</u>	<u>02-6"</u>		<u>1</u>				<u>8-13</u>								
<u>4</u>	<u>02-15"</u>		<u>1</u>				<u>8-13</u>								
<u>5</u>	<u>02-15"</u>		<u>1</u>				<u>8-13</u>								
<u>6</u>	<u>01-15"</u>		<u>1</u>				<u>8-13</u>								
<u>7</u>	<u>01-25"</u>		<u>1</u>				<u>8-13</u>								
<u>8</u>	<u>02-25"</u>		<u>1</u>				<u>8-13</u>								
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Relinquished By: <u>Martin Bumbly</u>		Date: <u>8/14/13</u>		Received By: <u>Scott Henderson</u>											
Relinquished By:		Date:		Received By:											
Time:		Time:		Time:											
Delivered By: (Circle One)		Sample Condition		CHECKED BY:											
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		(Initials)											
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
REMARKS: <u>PH</u>															
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:															
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:															
REMARKS: <u>Email Zac + Todd Robinson</u>															

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