

015-34230

Closure Report

Prepared for
Mewbourne Oil Company

Pecos River 20 #1
API # 30-015-34230
Eddy County, NM

Prepared by
Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768
Phone (432) 366-0043 Fax (432) 366-0884

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768
Phone (432) 366-0043 Fax (432) 366-0884

August 23, 2007

New Mexico Oil Conservation Division
Mr. Mike Bratcher
1301 West Grand Ave.
Artesia, New Mexico 88210

Re: Drilling Pit Closure of Mewbourne Oil – Pecos River 20 #1

Mr. Mike Bratcher,

Elke Environmental was contracted by Mewbourne Oil to complete the closure of the Pecos River 20 #1 drilling pit. As per the C-144 filed and signed by Mike Bratcher on 7-26-07 all drilling mud was excavated and hauled to Lea Landfill. Five bottom quadrants were analyzed and NMOCD standards were not meet. Vertical delineation was performed with a trackhoe with the deepest point at 24' below ground surface at which NMOCD standards were achieved. Lab samples were taken at the deepest point of each delineation for confirmation. As per the conversation between Mike Bratcher and Logan Anderson on 8-13-07, the contamination was excavated to 8' bgs in quadrant 1, 8'bgs in quadrant 2, 10' bgs in quadrant 4 and 18' bgs in quadrant 5. All contamination was hauled to Lea Landfill. The drilling pit was then backfilled with clean native soil and doomed to prevent pooling. Since the well was plugged and abandoned all caliche road and caliche locations have been removed. The landowner has requested that no seeding be performed. If you have any questions about the enclosed report please contact me at the office.

Sincerely,

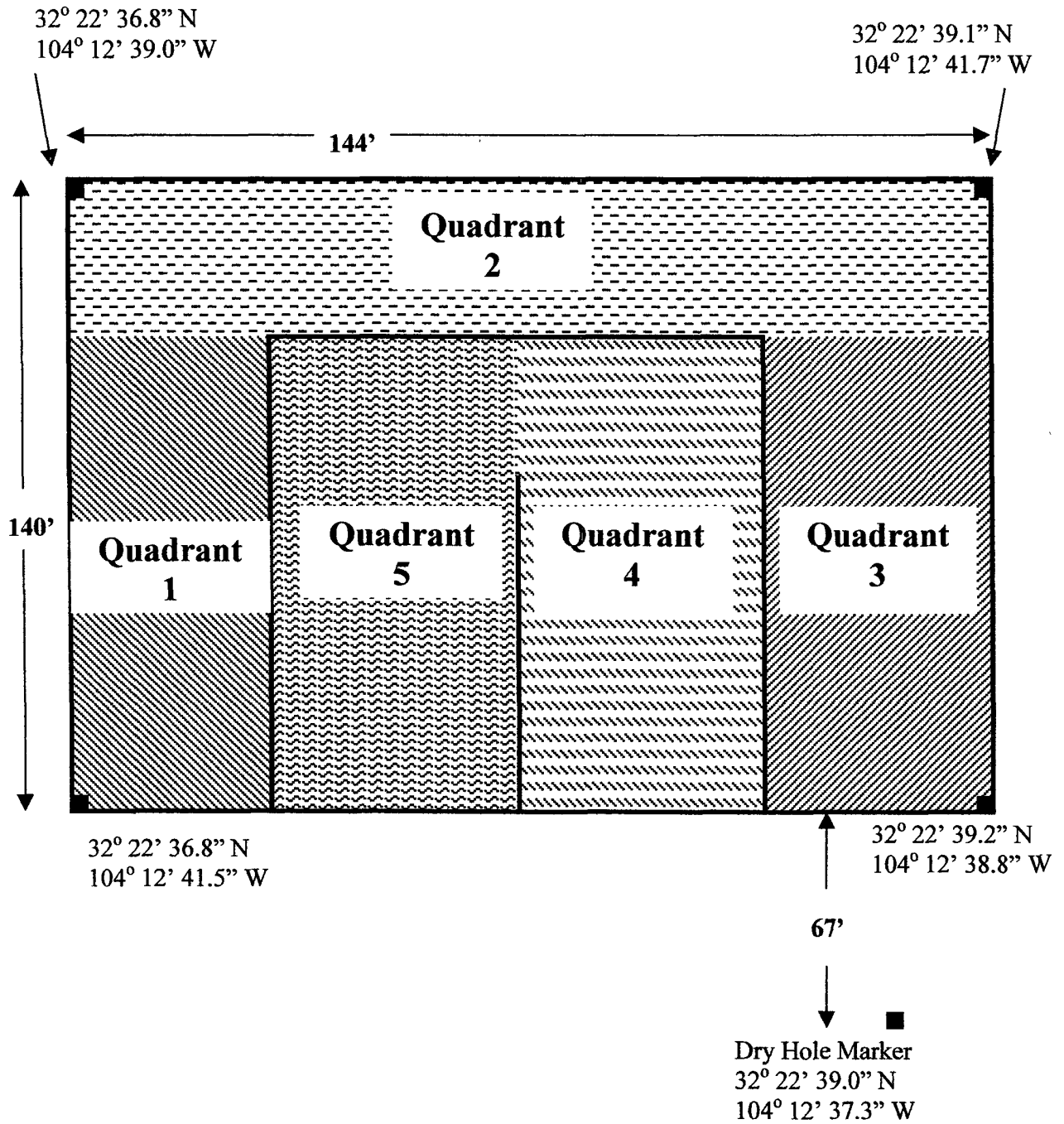


Logan Anderson

Mewbourne Oil
Pecos River 20 #1
UL 'P' Sec. 20 T22S R27E



Plat Map



Elke Environmental, Inc.

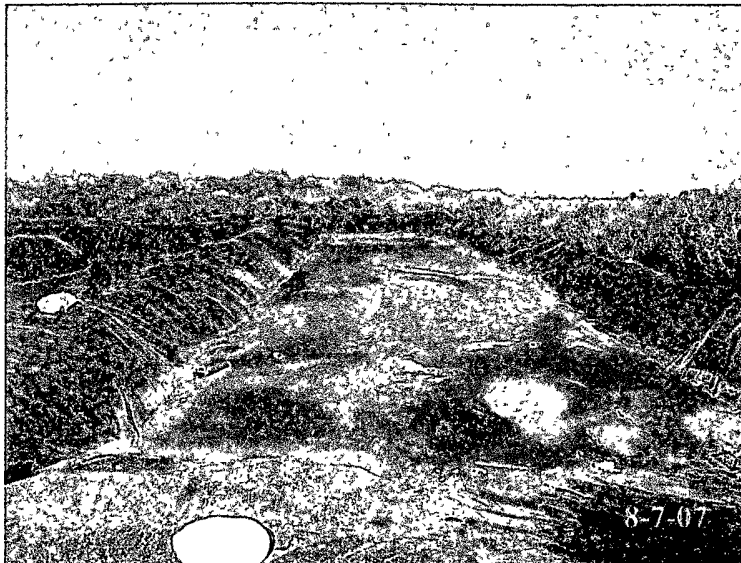
P.O. Box 14167 Odessa, TX 79768

Field Analytical Report Form**Client** Mewbourne Oil **Analyst** Robert Spangler**Site** Pecos River 20 #1

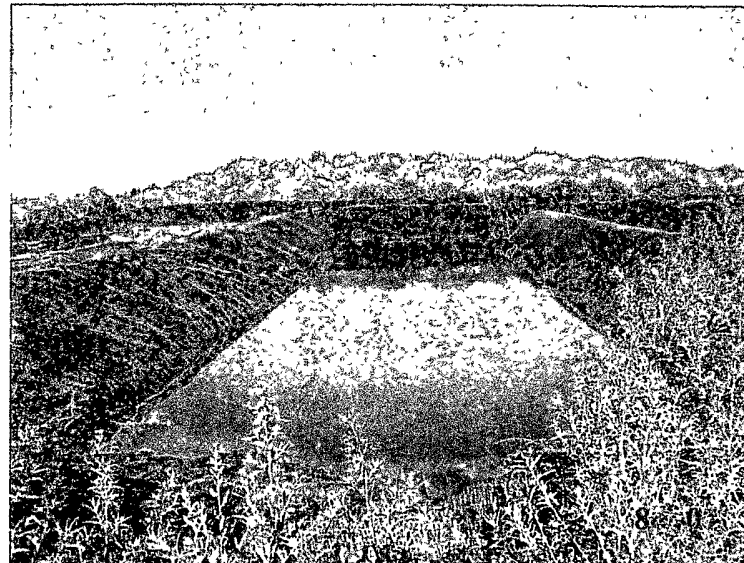
Sample ID	Date	Depth	TPH / PPM	Cl / PPM	PID / PPM	GPS
Quadrant 1	8-9-07	6'		5,495		32° 22' 37.1" N 104° 12' 40.4" W
Quadrant 1	8-10-07	8'		631	9.3	32° 22' 37.1" N 104° 12' 40.4" W
Quadrant 2	8-9-07	6'		2,249		32° 22' 37.7" N 104° 12' 41.8" W
Quadrant 2	8-10-07	8'		411	11.9	32° 22' 37.7" N 104° 12' 41.8" W
Quadrant 3	8-9-07	6'		484	3.1	32° 22' 38.9" N 104° 12' 40.2" W
Quadrant 4	8-9-07	6'		8,463		32° 22' 38.4" N 104° 12' 40.0" W
Quadrant 4	8-10-07	8'		7,869		32° 22' 38.4" N 104° 12' 40.0" W
Quadrant 4	8-10-07	10'		504	19.7	32° 22' 38.4" N 104° 12' 40.0" W
Quadrant 5	8-9-07	6'		6,962		32° 22' 37.9" N 104° 12' 39.7" W
Quadrant 5	8-10-07	8'		850		32° 22' 37.9" N 104° 12' 39.7" W
Quadrant 5	8-13-07	10'		1,302		32° 22' 37.9" N 104° 12' 39.7" W
Quadrant 5	8-13-07	12'		842		32° 22' 37.9" N 104° 12' 39.7" W
Quadrant 5	8-13-07	14'		4,946		32° 22' 37.9" N 104° 12' 39.7" W
Quadrant 5	8-13-07	16'		1,657		32° 22' 37.9" N 104° 12' 39.7" W
Quadrant 5	8-13-07	18'		3,234		32° 22' 37.9" N 104° 12' 39.7" W
Quadrant 5	8-13-07	22'		1,580		32° 22' 37.9" N 104° 12' 39.7" W
Quadrant 5	8-13-07	24'		304	11.5	32° 22' 37.9" N 104° 12' 39.7" W

Analyst Notes Background (Soil) – 680ppm chloride

Mewbourne Oil – Pecos River 20 #1



Drilling pit before closure starts.



Drilling pit before closure starts.



Loading mud on trucks to be hauled to Lea Landfill.



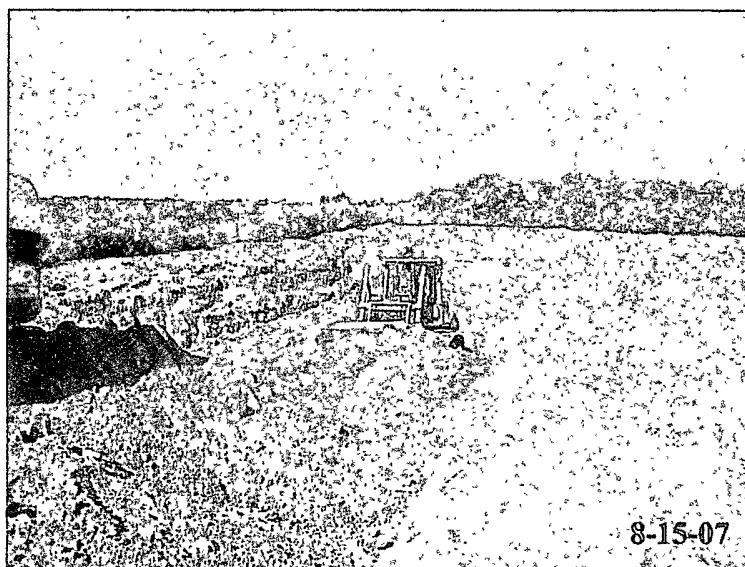
Loading mud on trucks to be hauled to Lea Landfill.



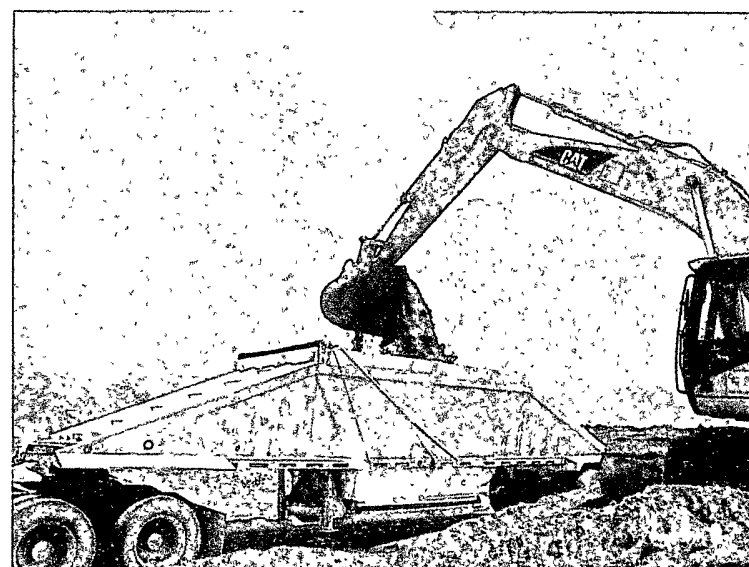
Delineation trench of Quadrant 4.



Delineation trench of Quadrant 5.



Dozer excavating contamination under pit bottom.



Contamination being loaded to be hauled to Lea Landfill.

Analytical Report 287951

for

Elke Environmental, Inc.

Project Manager: Robert Spangler

Mewbourne Oil

21-AUG-07



12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

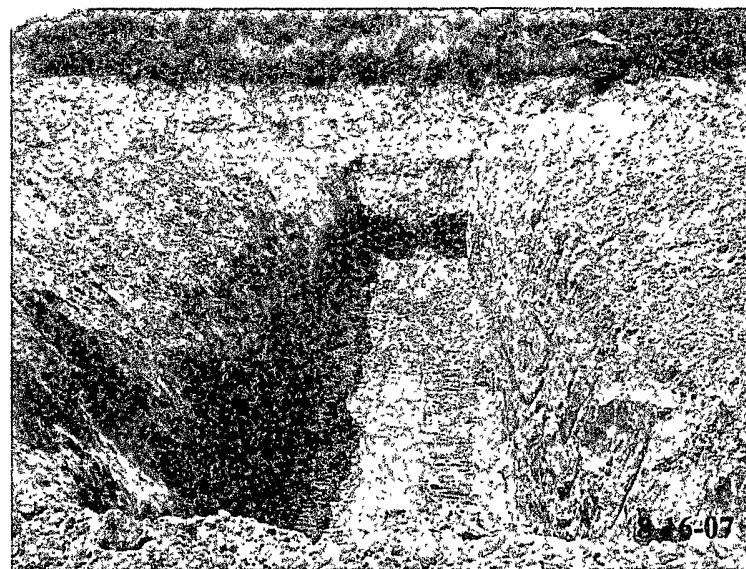
NELAC certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

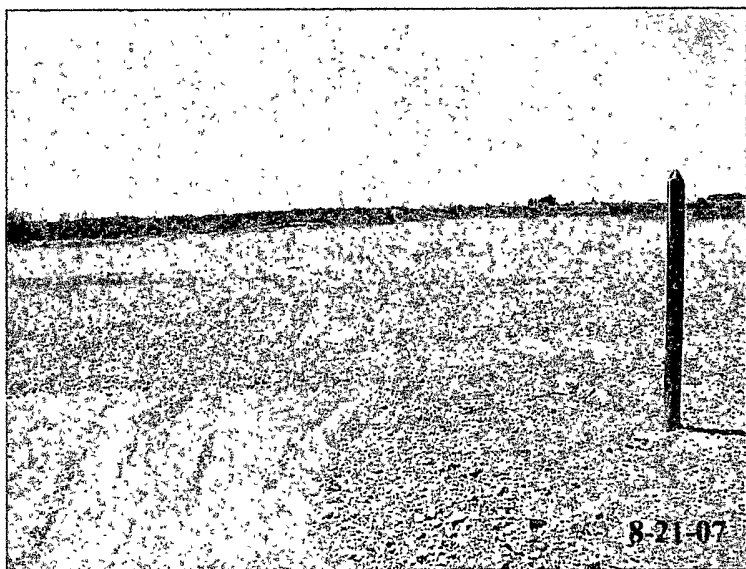
Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America



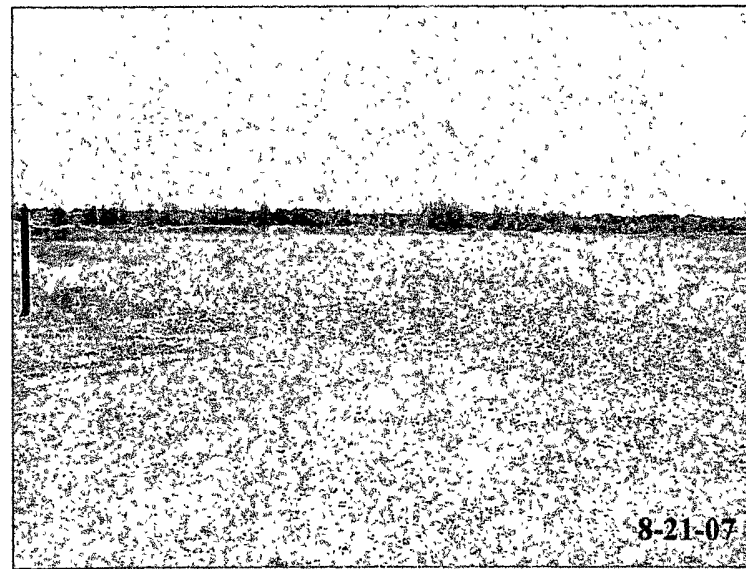
Quadrant 4 after excavation of contamination.



Quadrant 5 after excavation of contamination.



Drilling pit after backfill and contouring.



Location after caliche is removed and contoured.



21-AUG-07

Project Manager: **Robert Spangler**
Elke Environmental, Inc.
4817 Andrews Hwy
P.O. Box 14167 Odessa, tx 79768
Odessa, TX 79762

Reference: XENCO Report No: **287951**
Mewbourne Oil
Project Address: Pecos River "20" # 1

Robert Spangler:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 287951. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 287951 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron

Odessa Laboratory Director

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Sample Cross Reference 287951

Elke Environmental, Inc., Odessa, TX

Mewbourne Oil

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Quadrant 1 @ 8'	S	Aug-13-07 11:40	8 ft	287951-001
Quadrant 2 @ 8'	S	Aug-13-07 11:50	8 ft	287951-002
Quadrant 3 @ 6'	S	Aug-13-07 12:30	6 ft	287951-003
Quadrant 4 @ 10'	S	Aug-13-07 12:45	10 ft	287951-004
Quadrant 5 @ 24'	S	Aug-13-07 16:00	24 ft	287951-005



Certificate of Analysis Summary 287951

Elke Environmental, Inc., Odessa, TX

Project Name: Mewbourne Oil

Project Id:

Contact: Robert Spangler

Project Location: Pecos River "20" # 1

Date Received in Lab: Wed Aug-15-07 01:15 pm


Report Date: 21-AUG-07

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	287951-001	287951-002	287951-003	287951-004	287951-005	
	Field Id:	Quadrant 1 @ 8'	Quadrant 2 @ 8'	Quadrant 3 @ 6'	Quadrant 4 @ 10'	Quadrant 5 @ 24'	
	Depth:	8 ft	8 ft	6 ft	10 ft	24 ft	
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sampled:	Aug-13-07 11:40	Aug-13-07 11:50	Aug-13-07 12:30	Aug-13-07 12:45	Aug-13-07 16:00	
Percent Moisture	Extracted:						
	Analyzed:	Aug-16-07 15:45	Aug-16-07 15:50	Aug-16-07 15:55	Aug-16-07 16:00	Aug-16-07 16:05	
	Units/RL:	% RL	% RL	% RL	% RL	% RL	
Percent Moisture		8.9	14.5	9.95	14.4	10.2	
TPH by SW8015 Mod	Extracted:	Aug-17-07 09:37	Aug-17-07 09:37	Aug-17-07 09:37	Aug-17-07 09:37	Aug-17-07 09:37	
	Analyzed:	Aug-18-07 01:07	Aug-17-07 23:54	Aug-18-07 00:19	Aug-18-07 00:43	Aug-18-07 01:32	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
C6-C12 Gasoline Range Hydrocarbons		ND 10.9	ND 11.6	ND 11.1	ND 11.6	ND 11.1	
C12-C28 Diesel Range Hydrocarbons		ND 10.9	ND 11.6	ND 11.1	ND 11.6	ND 11.1	
C28-C35 Oil Range Hydrocarbons		ND 10.9	ND 11.6	ND 11.1	ND 11.6	ND 11.1	
Total TPH		ND	ND	ND	ND	ND	
Total Chloride by EPA 325.3	Extracted:						
	Analyzed:	Aug-17-07 16:30	Aug-17-07 16:30	Aug-17-07 16:30	Aug-17-07 16:30	Aug-17-07 16:30	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Chloride		700 5.49	497 5.84	543 5.55	621 5.84	355 5.57	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Brent Barron
Odessa Laboratory Director



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL and above the SQL.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.

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(214) 902 0300	(214) 351-9139
(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555



Form 2 - Surrogate Recoveries

Project Name: Mewbourne Oil

Work Order #: 287951

Project ID:

Lab Batch #: 702625

Sample: 287806-005 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	37.7	50.0	75	70-135	
1-Chlorooctane	37.2	50.0	74	70-135	

Lab Batch #: 702625

Sample: 287806-005 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	37.0	50.0	74	70-135	
1-Chlorooctane	37.5	50.0	75	70-135	

Lab Batch #: 702625

Sample: 287951-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	43.0	49.8	86	70-135	
1-Chlorooctane	38.1	49.8	77	70-135	

Lab Batch #: 702625

Sample: 287951-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	43.3	49.8	87	70-135	
1-Chlorooctane	38.7	49.8	78	70-135	

Lab Batch #: 702625

Sample: 287951-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	43.2	50.0	86	70-135	
1-Chlorooctane	38.8	50.0	78	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Mewbourne Oil

Work Order #: 287951

Project ID:

Lab Batch #: 702625

Sample: 287951-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	41.0	49.9	82	70-135	
1-Chlorooctane	36.2	49.9	73	70-135	

Lab Batch #: 702625

Sample: 287951-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	41.6	50.0	83	70-135	
1-Chlorooctane	37.6	50.0	75	70-135	

Lab Batch #: 702625

Sample: 498360-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	41.8	50.0	84	70-135	
1-Chlorooctane	37.5	50.0	75	70-135	

Lab Batch #: 702625

Sample: 498360-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctadecane	43.0	50.0	86	70-135	
1-Chlorooctane	38.6	50.0	77	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = $100 * A / B$

All results are based on MDL and validated for QC purposes.



Blank Spike Recovery

Project Name: Mewbourne Oil

Work Order #: 287951

Project ID:

Lab Batch #: 702625

Sample: 498360-1-BKS

Matrix: Solid

Date Analyzed: 08/17/2007

Date Prepared: 08/17/2007

Analyst: SHE

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
C6-C12 Gasoline Range Hydrocarbons	ND	500	524	105	70-135	
C12-C28 Diesel Range Hydrocarbons	ND	500	381	76	70-135	

Lab Batch #: 702529

Sample: 702529-1-BKS

Matrix: Solid

Date Analyzed: 08/17/2007

Date Prepared: 08/17/2007

Analyst: IRO

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Total Chloride by EPA 325.3 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	100	90.3	90	75-125	

Blank Spike Recovery [D] = $100 * [C] / [B]$

All results are based on MDL and validated for QC purposes.



Form 3 - MS / MSD Recoveries

Project Name: Mewbourne Oil

Work Order #: 287951

Project ID:

Lab Batch ID: 702625

QC- Sample ID: 287806-005 S

Batch #: 1 Matrix: Soil

Date Analyzed: 08/18/2007

Date Prepared: 08/17/2007

Analyst: SHE

Reporting Units: mg/kg

TPH by SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	716	630	88	716	668	93	6	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	716	ND	0	716	722	101	200	70-135	35	XF

Matrix Spike Percent Recovery $[D] = 100 \cdot (C-A)/B$
Relative Percent Difference $RPD = 200 \cdot (D-G)/(D+G)$

Matrix Spike Duplicate Percent Recovery $[G] = 100 \cdot (F-A)/E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit



Sample Duplicate Recovery

Project Name: Mewbourne Oil

Work Order #: 287951

Lab Batch #: 702436

Date Analyzed: 08/16/2007

QC- Sample ID: 287959-001 D

Reporting Units: %

Project ID:

Analyst: JLG

Date Prepared: 08/16/2007

Batch #: 1

Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	4.73	4.31	9	20	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
All Results are based on MDL and validated for QC purposes.

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

**12600 West I-20 East
Odessa, Texas 79765**

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager. Robert Spangler

Project Name: Newbourne 01

Company Name **Elke Environmental, Inc.**

Project #:

Company Address: 4817 Andrews Hwy

Project Loc: Pecos River "20" #1

City/State/Zip: Odessa, TX 79762

PO #:

Telephone No: 432-366-0043 Fax No: 432-366-0884

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature:  e-mail: elkeenv@yahoo.com

e-mail: elkeenv@yahoo.com

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	No. of Containers	Preservation & # of Containers										Matrix		TCLP		Analyze For		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT											
									Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₈	None	Other (Specify)	Drinking Water & RSDge GW = Groundwater (Solid Solids) NP-NON-Petroleum Specify Other	TPH: 418, 80153, 1005, 1006	Cations (Ca, Mg, Na, K)	Anions (SO ₄ , CO ₃ , HCO ₃)	SAR / ESP / DEC	Metals As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTX BZT B15000 or BTX B260	RCI	NORM										
01	Quadrant 1 @ 8'	8'	8-13-07	11:40 AM	1	1											S	1	1	1	1																
02	Quadrant 2 @ 8'	8'	8-13-07	11:50 AM	1	1											S	1	1	1	1																
03	Quadrant 3 @ 6'	6'	8-13-07	12:30 PM	1	1											S	1	1	1	1																
04	Quadrant 4 @ 10'	10'	8-13-07	12:45 PM	1	1											S	1	1	1	1																
05	Quadrant 5 @ 24'	24'	8-13-07	4:00 PM	1	1											S	1	1	1	1																

Please Email Results to E/Kenn @ Yahoo . Com

Relinquished by <i>[Signature]</i>	Date 8-14-07	Time 5:00	Received by <i>[Signature]</i>	Date 8-14-07	Time 5:00
Relinquished by <i>[Signature]</i>	Date 8-15-07	Time 1:15P	Received by <i>[Signature]</i>	Date 08-15-07	Time 1:15
Relinquished by	Date	Time	Received by ELOT <i>[Signature]</i>	Date	Time

Laboratory Comments:

Sample Containers Intact? ☒ Y ☐ N

VOCs Free of Headspace? ☒ Y ☐ N

Custody seals on container(s) ☒ Y ☐ N

Custody seals on cooler(s) ☒ Y ☐ N

Sample Hand Delivered ☒ Y ☐ N

by Sampler/Clerk Rep. 7 ☒ Y ☐ N

by Counter? ☐ UPS ☐ DHL ☐ FedEx ☐ Lone Star

Temperature Upon Receipt -2.0 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Eike Environmental
 Date/ Time: 08-15-07 @ 1315
 Lab ID #: 287951
 Initials: JMF

Sample Receipt Checklist

Client Initials

#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>-2.0</u> °C	
#2	Shipping container in good condition?	<u>Yes</u>	No		
#3	Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	<u>Not Present</u>	
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	<u>Not Present</u>	
#5	Chain of Custody present?	<u>Yes</u>	No		
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No		
#7	Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No		
#8	Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont / Lid	
#9	Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No		
#11	Containers supplied by ELOT?	<u>Yes</u>	No		
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	See Below	
#13	Samples properly preserved?	<u>Yes</u>	No	See Below	
#14	Sample bottles intact?	<u>Yes</u>	No		
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No		
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No		
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below	
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	See Below	
#19	Subcontract of sample(s)?	<u>Yes</u>	<u>No</u>	Not Applicable	
#20	VOC samples have zero headspace?	<u>Yes</u>	No	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken:

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

Form C-144
June 1, 2004

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

For drilling and production facilities, submit to
appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

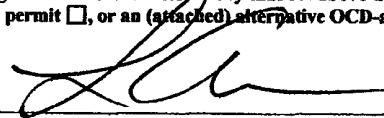
JUL 26 2007

OCD-ARTESIA

Operator: <u>Mewbourne Oil Company</u> Telephone: <u>505-393-5905</u> e-mail address: <u>kgreen@mewbourne.com</u>		
Address: <u>P. O. Box 5270 Hobbs, NM 88241</u>		
Facility or well name: <u>Pecos River "20" #1</u> API #: <u>30-015-34230</u> U/L or Qtr/Qtr <u>P</u> Sec <u>20</u> T <u>22S</u> R <u>27E</u>		
County: <u>Eddy</u> Latitude _____ Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>20</u> mil Clay <input type="checkbox"/> Pit Volume <u>24000</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) XXX (10 points) (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) XXX (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) XXX (0 points)
Ranking Score (Total Points)		50 points

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility Lea Landfill. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: All excess water will be removed. All drilling mud will be excavated and hauled to Lea Landfill Disposal. The site will be backfilled with clean Native soil that is stockpiled onsite. A final report will be given at the end of the job.
NMOCD Artesia will be notified 48 hrs before work starts.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	
Date: <u>7-25-07</u>	Signature: 
Printed Name/Title: <u>Logan Anderson - Agent</u>	
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Approval: _____	Signed By: <u>White</u> Date: <u>JUL 26 2007</u>
Notify OCD 24 hours prior to beginning pit closure.	

Samples are to be obtained from
Pit area and analysis submitted to
NMOCD prior to back-filling.
NOTIFY NMOCD 24 HOURS
PRIOR TO OBTAINING SAMPLES.

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