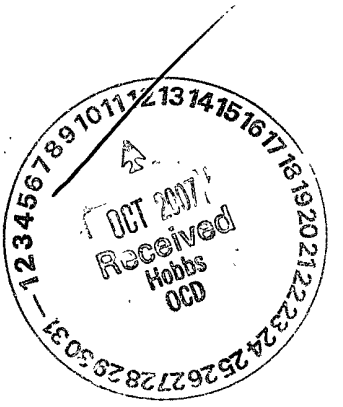
PIT

Closure Report

Prepared for
Mewbourne Oil Company



Boris 17 State #1
API # 30-025-37597
Lea County, NM

OLD

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

September 25, 2007

New Mexico Oil Conservation Division
Mr. Chris Williams
1625 French Drive
Hobbs, New Mexico 88240

Re: Mewbourne Oil – Boris 17 State #1
UL 'A' Sec. 17 T16S R35E Lea County, NM
API # 30-025-37597

Mr. Chris Williams,

Elke Environmental was contracted by Mewbourne Oil to complete the closure of the Boris 17 State #1 drilling pit. As per the C-144 filed and signed by Chris Williams on 8-2-07 a burial pit was constructed and lined with 20 mil liner. The drilling mud was mixed with Elke Environmental Solidification Product at a 20(mud) : 1(product) ratio and placed in the burial pit. 5 bottom quadrants were analyzed and NMOCD standards were not meet. Vertical delineation was performed with a trackhoe with the deepest point at 39' below ground surface. Lab samples were taken at the deepest point of each delineation for confirmation. As per the conversation between Robin Terrell (Mewbourne) and Chris Williams (NMOCD) on 9-10-07, two feet of contamination in the center of the drilling pit was removed and placed in the burial pit. The drilling pit was backfilled and leveled at 4' below ground surface. A 1' thick red clay liner was installed and compacted to NMOCD density standards. The burial pit was capped with a 20 mil liner. The drilling pit and burial pit were then backfilled with clean native soil and domed to prevent pooling. The site will be seeded with a seed mixture approved by the landowner. If you have any questions about the enclosed report please contact me at the office.

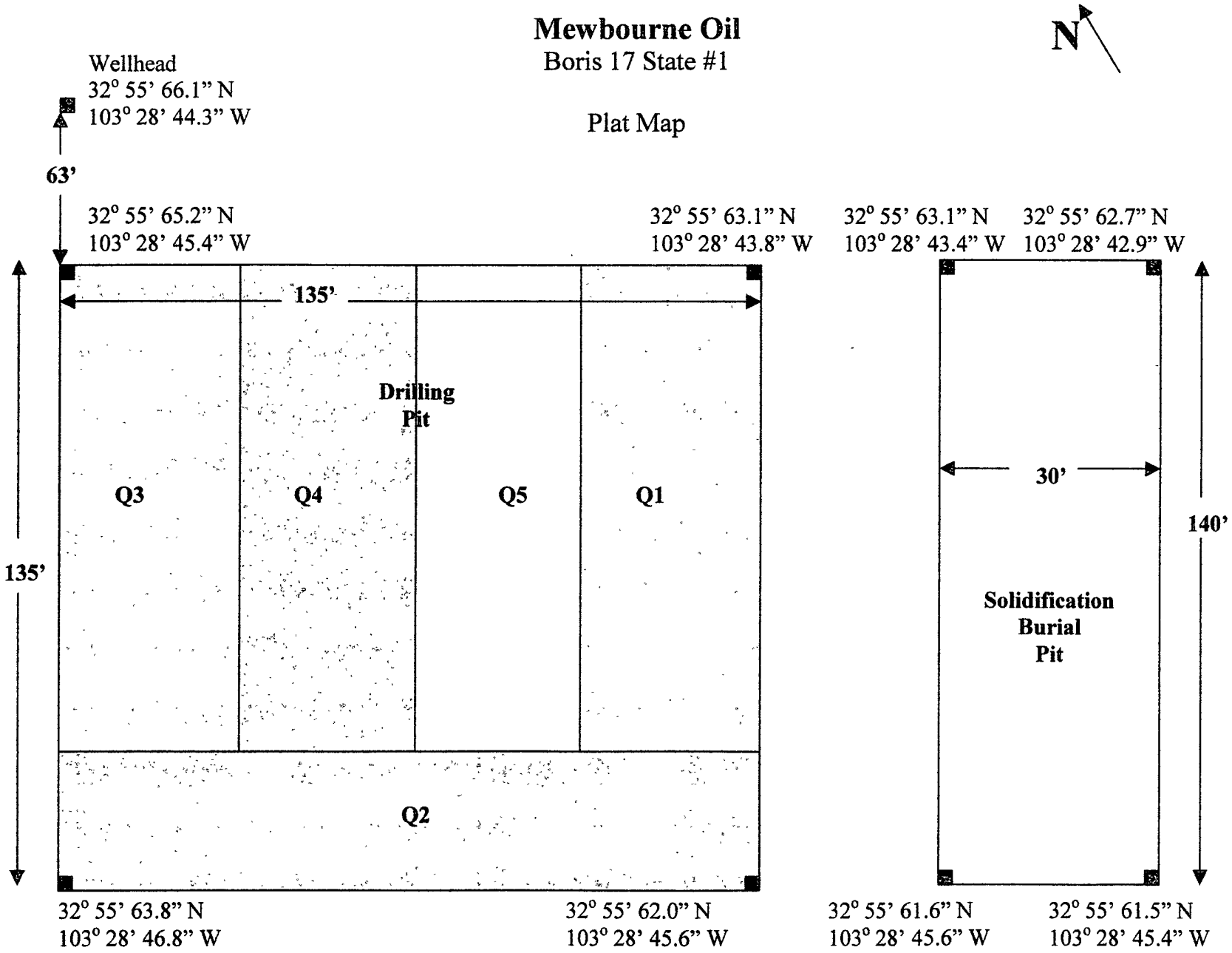
Sincerely,

Logan Anderson

Mewbourne Oil

Boris 17 State #1

Plat Map



Elke Environmental, Inc.
P.O. Box 14167 Odessa, TX 79768

Field Analytical Report Form

Client Mewbourne Oil **Analyst** Robert Spangler

Site Boris 17 State #1

Sample ID	Date	Depth	TPH / PPM	Cl / PPM	PID / PPM	GPS
Q1	9-4-07	5'		6,786		32° 55' 63.1" N 103° 28' 44.8" W
Q1	9-4-07	7'		267		32° 55' 63.1" N 103° 28' 44.8" W
Q1	9-4-07	9'		90	8.5	32° 55' 63.1" N 103° 28' 44.8" W
Q2	9-4-07	5'		876		32° 55' 63.1" N 103° 28' 46.5" W
Q2	9-4-07	7'		90	2.1	32° 55' 63.1" N 103° 28' 46.5" W
Q3	9-4-07	5'		3,373		32° 55' 64.6" N 103° 28' 46.0" W
Q3	9-4-07	7'		1,489		32° 55' 64.6" N 103° 28' 46.0" W
Q3	9-4-07	9'		90	11.7	32° 55' 64.6" N 103° 28' 46.0" W
Q4	9-4-07	5'		6,704		32° 55' 63.8" N 103° 28' 45.0" W
Q4	9-4-07	7'		1,164		32° 55' 63.8" N 103° 28' 45.0" W
Q4	9-5-07	9'		432		32° 55' 63.8" N 103° 28' 45.0" W
Q4	9-5-07	11'		2,643		32° 55' 63.8" N 103° 28' 45.0" W
Q4	9-5-07	13'		2,050		32° 55' 63.8" N 103° 28' 45.0" W
Q4	9-5-07	15'		1,900		32° 55' 63.8" N 103° 28' 45.0" W
Q4	9-5-07	17'		1,725		32° 55' 63.8" N 103° 28' 45.0" W
Q4	9-5-07	19'		1,039		32° 55' 63.8" N 103° 28' 45.0" W
Q4	9-5-07	21'		655		32° 55' 63.8" N 103° 28' 45.0" W

Analyst Notes

Elke Environmental, Inc.
P.O. Box 14167 Odessa, TX 79768

Field Analytical Report Form

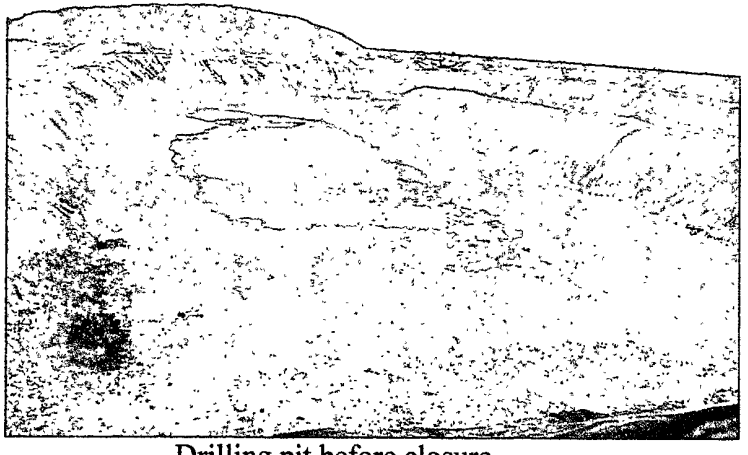
Client Mewbourne Oil **Analyst** Robert Spangler

Site Boris 17 State #1

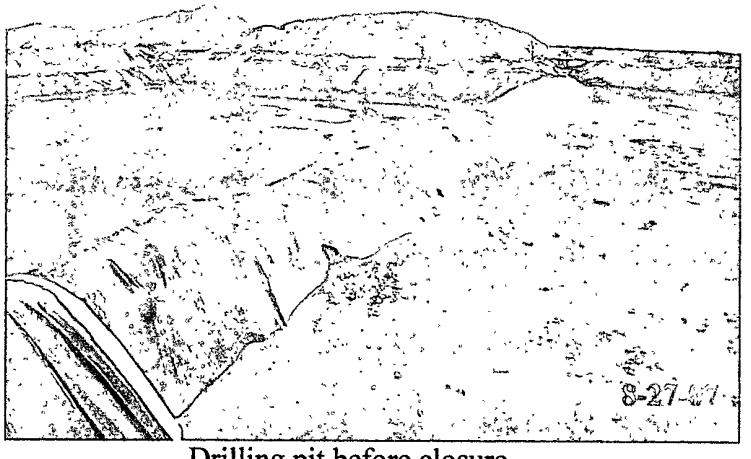
Sample ID	Date	Depth	TPH / PPM	Cl / PPM	PID / PPM	GPS
Q4	9-5-07	23'		238	5.9	32° 55' 63.8" N 103° 28' 45.0" W
Q5	9-4-07	5'		11,763		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-4-07	7'		10,989		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-5-07	9'		14,900		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-5-07	11'		11,696		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-5-07	13'		11,031		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-5-07	15'		10,160		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-5-07	17'		9,890		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-5-07	19'		9,292		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-5-07	23'		8,320		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-5-07	25'		7,498		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-5-07	30'		4,528		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-5-07	34'		4,480		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-6-07	36'		1,936		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-6-07	37'		659		32° 55' 64.1" N 103° 28' 45.8" W
Q5	9-6-07	39'		705	9.3	32° 55' 64.1" N 103° 28' 45.8" W
Background	9-4-07	Surface		88		

Analyst Notes

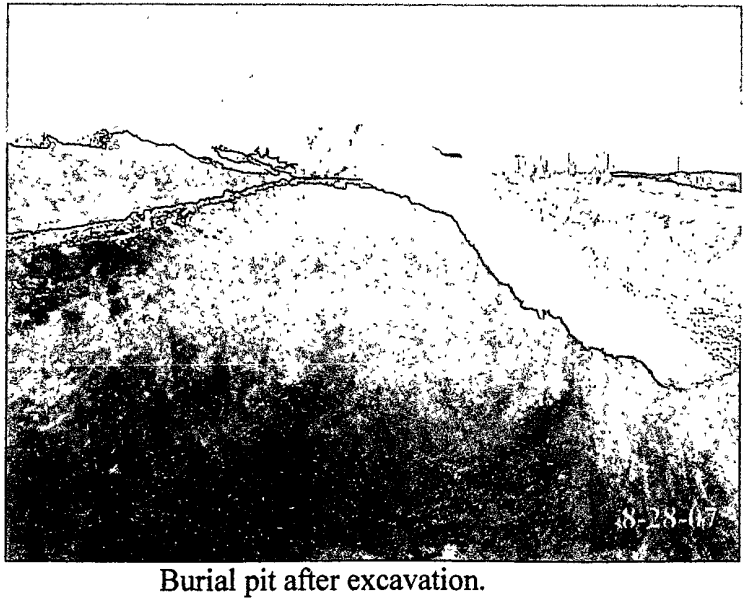
Mewbourne Oil – Boris 17 State #1



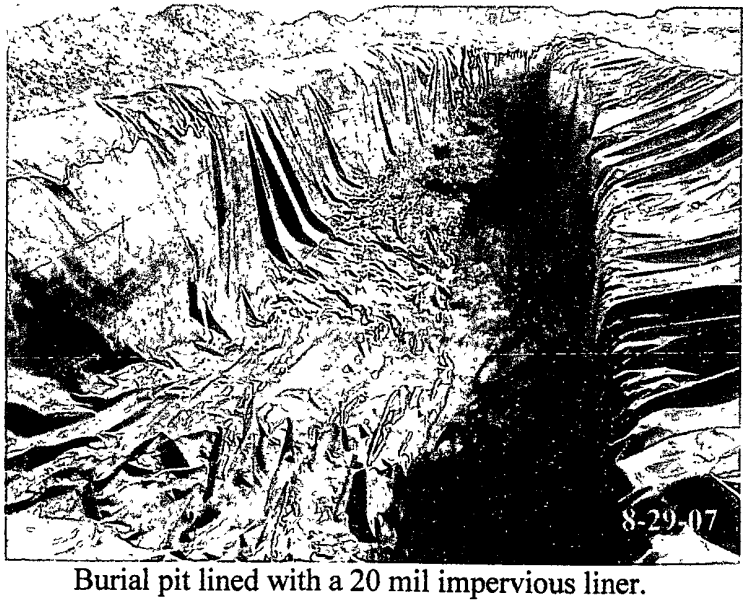
Drilling pit before closure.



Drilling pit before closure.



Burial pit after excavation.



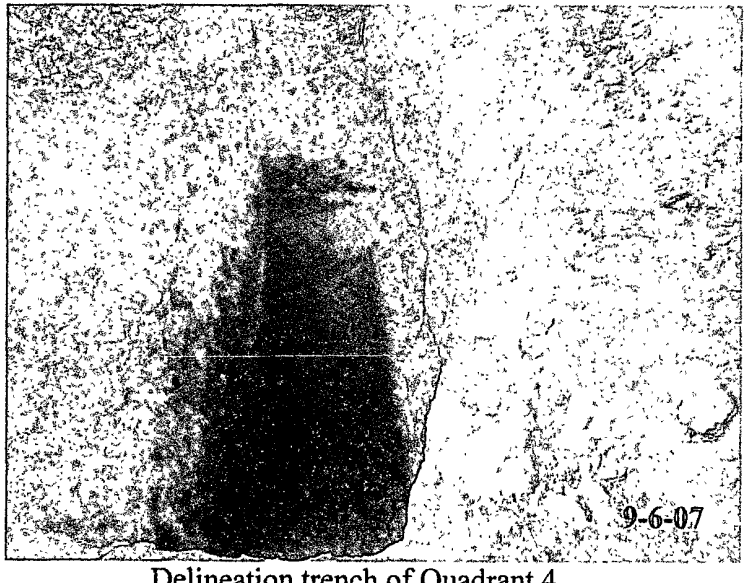
Burial pit lined with a 20 mil impervious liner.

Mewbourne Oil – Boris 17 State #1

Burial pit after filled with solidified mud.

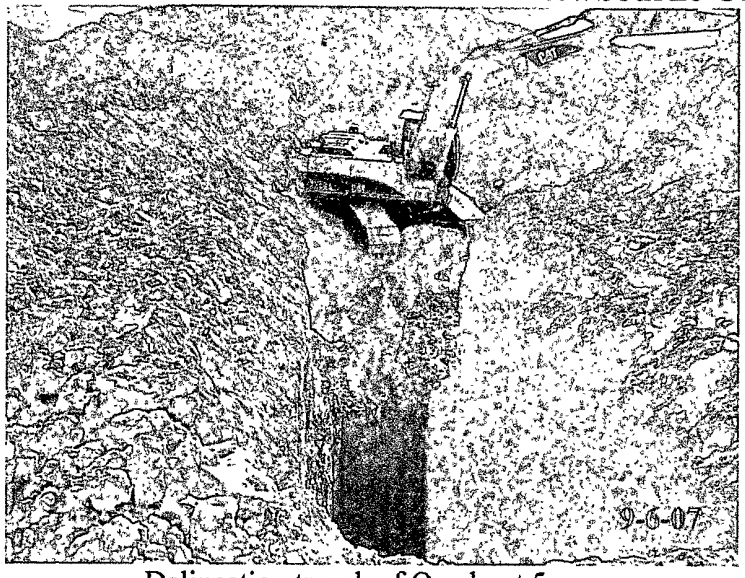

Drilling pit capped with 20 mil impervious liner.

Delineation trench of Quadrant 1.

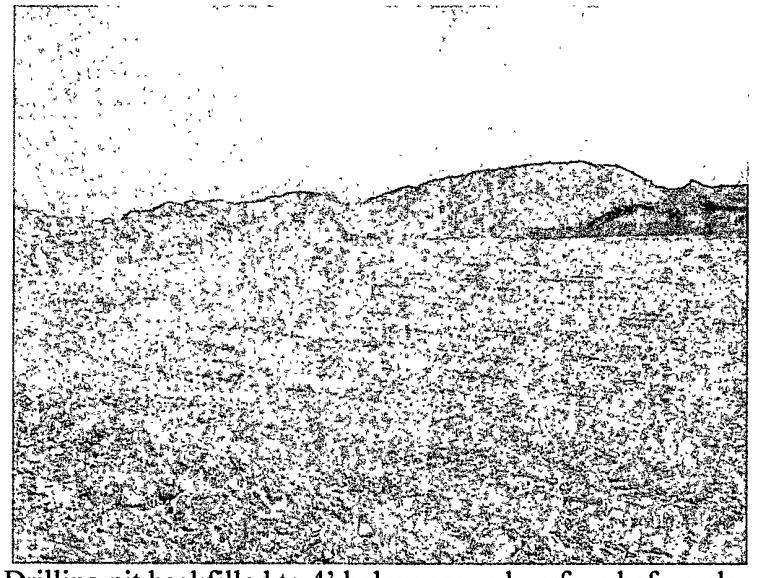


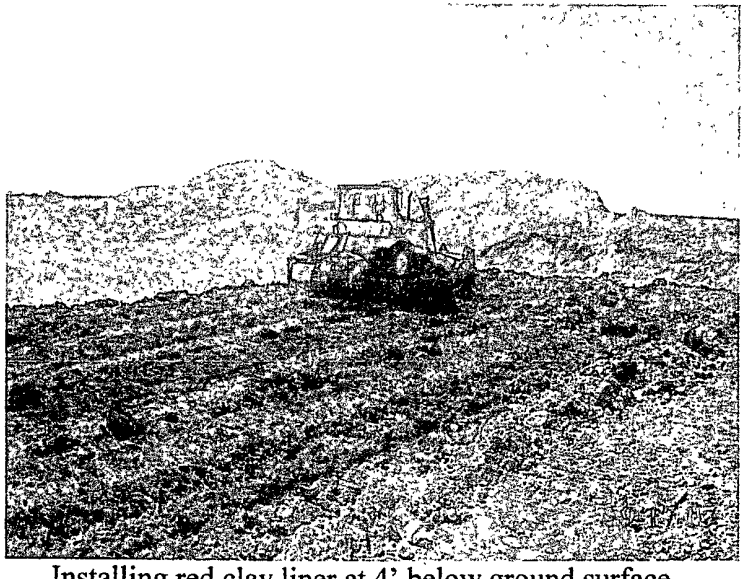
Delineation trench of Quadrant 4.

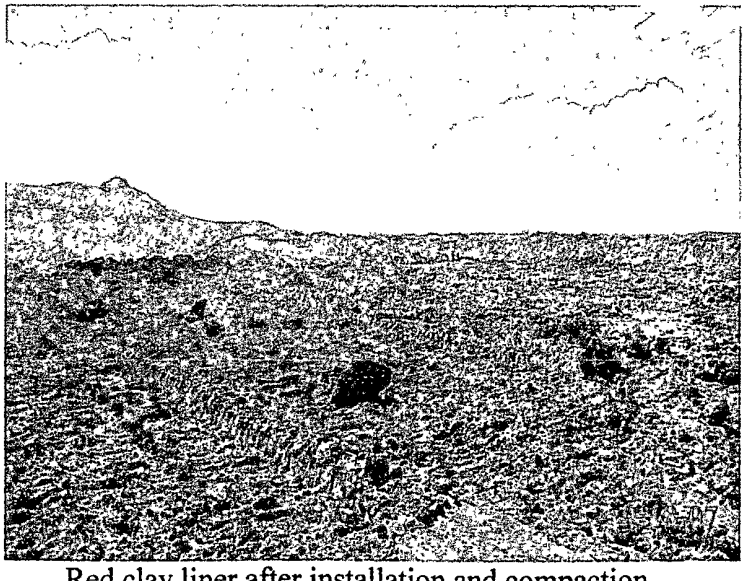
Mewbourne Oil – Boris 17 State #1



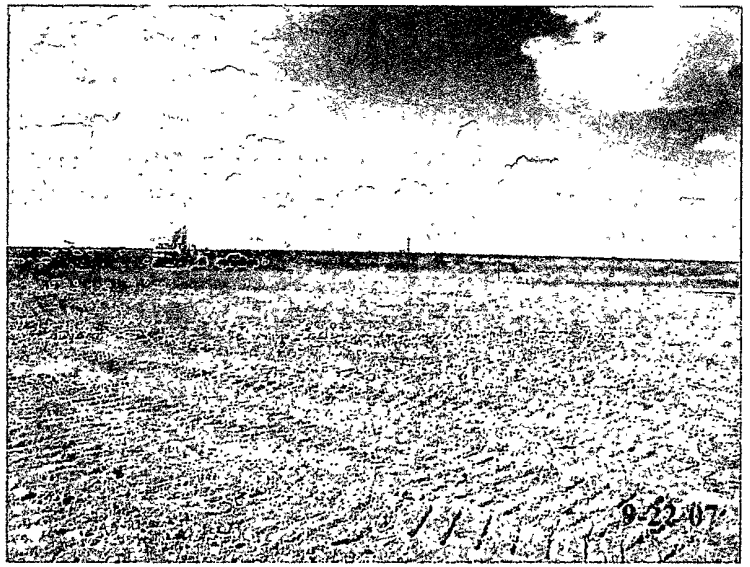
Delineation trench of Quadrant 5.


Drilling pit backfilled to 4' below ground surface before clay.

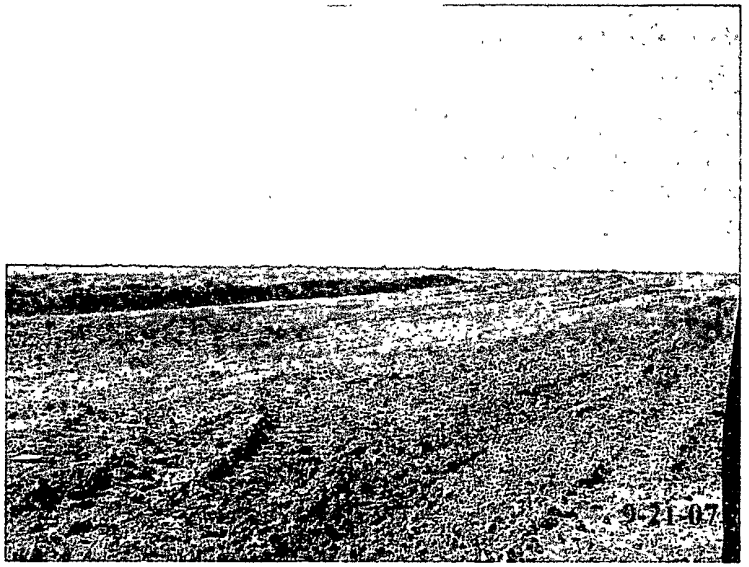

Installing red clay liner at 4' below ground surface.


Red clay liner after installation and compaction.

Mewbourne Oil – Boris 17 State #1

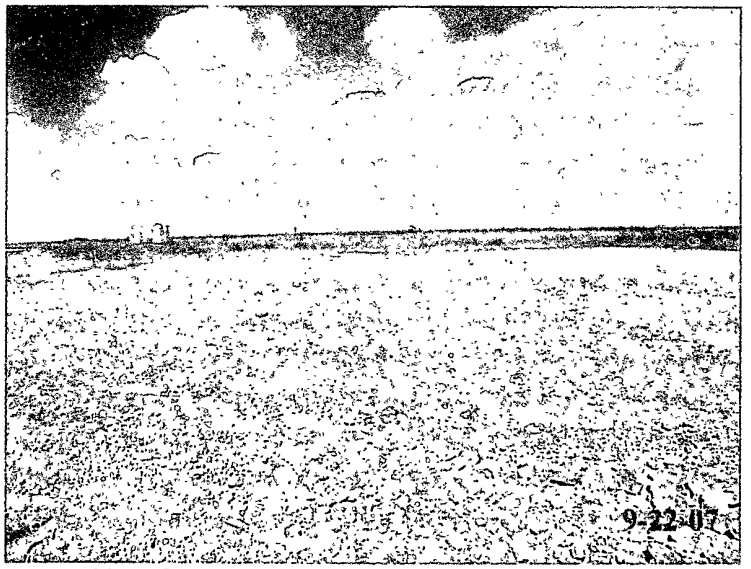


Backfilling site with clean native soil.



Backfilling site with clean native soil.

Site after backfill of clean soil and contouring.



Site after backfill of clean soil and contouring.

Analytical Report 289382

for

Elke Environmental, Inc.

Project Manager: Robert Spangler

Mewbourne Oil

14-SEP-07

12600 West I-20 East Odessa, Texas 79765

A Xenco Laboratories Company

Texas certification numbers:
Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta

XENCO Laboratories

14-SEP-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: **289382**
Mewbourne Oil
Project Address: Boris "17" State Com #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 289382. 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. 289382 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

Sample Cross Reference 289382

Elke Environmental, Inc., Odessa, TX

Mewbourne Oil

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Q1 @ 9'	S	Sep-06-07 15:15	9 ft	289382-001
Q2 @ 7'	S	Sep-06-07 14:45	7 ft	289382-002
Q3 @ 9'	S	Sep-06-07 16:20	9 ft	289382-003
Q4 @ 23'	S	Sep-06-07 15:45	23 ft	289382-004
Q5 @ 39'	S	Sep-06-07 19:00	39 ft	289382-005

Certificate of Analysis Summary 289382

Elke Environmental, Inc., Odessa, TX

Project Name: Mewbourne Oil

Project Id:

Contact: Robert Spangler

Project Location: Boris "17" State Com #1

Date Received in Lab: Tue Sep-11-07 09:30 am

Report Date: 14-SEP-07

Project Manager: Brent Barron, II

Analysis Requested																
	Lab Id:	289382-001		289382-002		289382-003		289382-004		289382-005						
	Field Id:	Q1 @ 9'		Q2 @ 7'		Q3 @ 9'		Q4 @ 23'		Q5 @ 39'						
	Depth:	9 ft		7 ft		9 ft		23 ft		39 ft						
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL						
	Sampled:	Sep-06-07 15:15		Sep-06-07 14:45		Sep-06-07 16:20		Sep-06-07 15:45		Sep-06-07 19:00						
Percent Moisture	*Extracted:*															
	Analyzed:	Sep-11-07 14:15		Sep-11-07 14:15		Sep-11-07 14:15		Sep-11-07 14:15		Sep-11-07 14:15						
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL					
Percent Moisture		6.40	1.00	8.98	1.00	10.6	1.00	5.79	1.00	5.41	1.00					
TPH by SW8015 Mod	*Extracted:*	Sep-13-07 15:10		Sep-13-07 15:10		Sep-13-07 15:10		Sep-13-07 15:10		Sep-13-07 15:10						
	Analyzed:	Sep-14-07 00:05		Sep-14-07 00:31		Sep-14-07 00:56		Sep-14-07 01:20		Sep-14-07 01:45						
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL					
C6-C12 Gasoline Range Hydrocarbons		ND	10.7	ND	11.0	ND	11.2	ND	10.6	ND	10.6					
C12-C28 Diesel Range Hydrocarbons		22.1	10.7	29.4	11.0	27.9	11.2	ND	10.6	22.2	10.6					
C28-C35 Oil Range Hydrocarbons		ND	10.7	ND	11.0	ND	11.2	ND	10.6	ND	10.6					
Total TPH		22.1		29.4		27.9		ND		22.2						
Total Chloride by EPA 325.3	*Extracted:*															
	Analyzed:	Sep-12-07 16:00		Sep-12-07 16:00		Sep-12-07 16:00		Sep-12-07 16:00		Sep-12-07 16:00						
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL					
Chloride		45.4	5.34	70.1	5.49	71.3	5.59	260	5.31	809	5.29					

Brent Barron
Odessa Laboratory Director

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Elke Env.

Date/ Time: 9-11-07 9:30

Lab ID # : 289382

Initials: gl

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	-4.0 °C	
#2	Shipping container in good condition?	(Yes)	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)	
#4	Custody Seals intact on sample bottles/ container?	(Yes)	No	Not Present	
#5	Chain of Custody present?	(Yes)	No		
#6	Sample instructions complete of Chain of Custody?	(Yes)	No		
#7	Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8	Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	(Yes)	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11	Containers supplied by ELOT?	(Yes)	No		
#12	Samples in proper container/ bottle?	(Yes)	No	See Below	
#13	Samples properly preserved?	(Yes)	No	See Below	
#14	Sample bottles intact?	(Yes)	No		
#15	Preservations documented on Chain of Custody?	(Yes)	No		
#16	Containers documented on Chain of Custody?	(Yes)	No		
#17	Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18	All samples received within sufficient hold time?	(Yes)	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20	VOC samples have zero headspace?	(Yes)	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

XENCO Laboratories

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.

Form 2 - Surrogate Recoveries

Project Name: Mewbourne Oil

Work Order #: 289382 **Project ID:**

Lab Batch #: 704334 **Sample:** 289371-020 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	36.6	50.0	73	70-135	
1-Chlorooctane	43.8	50.0	88	70-135	

Lab Batch #: 704334 **Sample:** 289371-020 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	35.8	50.0	72	70-135	
1-Chlorooctane	42.6	50.0	85	70-135	

Lab Batch #: 704334 **Sample:** 289382-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	37.1	50.0	74	70-135	
1-Chlorooctane	37.0	50.0	74	70-135	

Lab Batch #: 704334 **Sample:** 289382-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	42.4	50.0	85	70-135	
1-Chlorooctane	42.0	50.0	84	70-135	

Lab Batch #: 704334 **Sample:** 289382-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	39.5	50.0	79	70-135	
1-Chlorooctane	39.3	50.0	79	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 #: 289382 **Project ID:**

Lab Batch #: 704334 **Sample:** 289382-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	42.4	50.0	85	70-135	
1-Chlorooctane	42.4	50.0	85	70-135	

Lab Batch #: 704334 **Sample:** 289382-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	40.4	50.0	81	70-135	
1-Chlorooctane	39.8	50.0	80	70-135	

Lab Batch #: 704334 **Sample:** 499316-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	35.0	50.0	70	70-135	
1-Chlorooctane	42.5	50.0	85	70-135	

Lab Batch #: 704334 **Sample:** 499316-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctadecane	35.1	50.0	70	70-135	
1-Chlorooctane	35.6	50.0	71	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 #: 289382 **Project ID:**

Lab Batch #: 704334 **Sample:** 499316-1-BKS **Matrix:** Solid

Date Analyzed: 09/13/2007 **Date Prepared:** 09/13/2007 **Analyst:** SHE

Reporting Units: mg/kg **Batch #:** 1

TPH by SW8015 Mod Analytes	Blank Result [A]	BLANK /BLANK SPIKE RECOVERY STUDY Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
C6-C12 Gasoline Range Hydrocarbons	ND	500	582	116	70-135	
C12-C28 Diesel Range Hydrocarbons	ND	500	453	91	70-135	

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 # : 289382 **Project ID:**

Lab Batch ID: 704334 **QC- Sample ID:** 289371-020 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 09/14/2007 **Date Prepared:** 09/13/2007 **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	532	641	120	532	620	117	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	532	539	101	532	534	100	1	70-135	35	

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

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

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

Sample Duplicate Recovery

Project Name: Mewbourne Oil

Work Order #: 289382

Lab Batch #: 704159 **Project ID:**

Date Analyzed: 09/11/2007 **Date Prepared:** 09/11/2007 **Analyst:** RBA

QC- Sample ID: 289371-026 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	1.86	1.80	3	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

Company Name: Elke Environmental, Inc.

Company Address: 4817 Andrews Hwy

City/State/Zip: O[illegible], TX 79762

Telephone No: [illegible]36-0043

Fax No: [illegible]-366-0884

Sampler Signature: [signature]

e-mail: elkee[illegible]v@yah[illegible]om

Project: Newbourne O.C

Project Loc: Boris "17" State Com #1

PO #:

Report Format: ✓ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 289382

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	No. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix (DW=Drinking Water SL=Sludge; GW=Groundwater S=Soil/Solid; NP=Non-Potable Specify Other)	TPH 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.					RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	Q1 @ 9'		9'	9-6-07	3:15 PM	1	1								S	1		1													1
02	Q2 @ 7'		7'	9-6-07	2:45 PM	1	1								S	1		1													1
03	Q3 @ 9'		9'	9-6-07	4:20 PM	1	1								S	1		1													1
04	Q4 @ 23'		23'	9-6-07	3:45 PM	1	1								S	1		1													1
05	Q5 @ 39'		39'	9-6-07	7:00 PM	1	1								S	1		1													1

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Robert Spangler [signature]	9-11-07	9:30	Received by ELOT: Andrea Lam [signature]	9-11-07	9:30

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/Client Rep ? (Y) N
by Courier? UPS DHL FedEx Lone Star
4029[illegible]
Temperature Upon Receipt: -4.0 °C

[redacted]

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

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

Form C-144
June 1, 2004

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 ☒

Operator: Mewbourne Oil Company Telephone: 505-393-5905 e-mail address: kgreen@mewbourne.com
Address: P. O. Box 5270 Hobbs, NM 88241
Facility or well name: Boris "17" State Com #1 API #: 30-025-37597 U/L or Qtr/Qtr A Sec 17 T 16S R 35E
County: Lea Latitude Longitude NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

Pit Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Pit Volume 24000 bbl	**Below-grade tank** Volume: ____bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes ☐ 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) (0 points) XXX
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) (0 points) XXX
	Ranking Score (Total Points)	**20 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 your are burying in place) onsite ☒ offsite ☐ If offsite, name of facility . (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. A burial pit will be constructed and lined with a 12mil impervious liner. The drilling pit contents will be mixed with Elke Environmental Solidification Product at a 20 (mud) to 1 (product) ratio to solidify the contents. After all mixed contents are placed in the burial pit, the contents will be Capped with a 20 mil impervious liner with a minimum of 3 ft. overlap on all sides and a minimum of 3 ft. below ground level. The burial pit will then be covered with clean Native soil and doomed to prevent pooling. 5 bottom sample points will be taken after the pit contents are removed and a final report will be given at the end of the job. NMOCD Hobbs will be notified 48 hrs before work starts. Sample solidified mixture and run leachate tests.

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 ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☒.**

Date: 8-1-07
Printed Name/Title Logan Anderson - Agent Signature

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:
Printed Name/Title CHRIS WILLIAMS/DIST. SUPV. Signature Chris Williams Date: 8/2/07