Closure Report

Prepared for
Mewbourne Oil Company

Springfield 29 State Com #1
API # 30-015-35503
Eddy County, NM

JAN 10 2008

Accepted for record
NMOCD

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

October 31, 2007

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

Re: Mewbourne Oil – Springfield 29 State Com #1
UL 'I' Sec. 29 T19S R28E Eddy County, NM
API # 30-015-35503

Mr. Mike Bratcher,

Elke Environmental was contracted by Mewbourne Oil to complete the closure of the Springfield 29 State Com #1 drilling pit. As per the C-144 filed and signed by Gerry Guye on 9-7-07 a burial pit was constructed and lined with a 12 mil impervious liner. The drilling mud was stiffened with dry soil then placed in the burial pit. The bottom tests of the drilling pit were analyzed by Mewbourne Oil Company. The contamination from one corner of the drilling pit was excavated and placed in the burial pit. The burial pit was capped with a 20 mil impervious liner then backfilled with clean native soil. The drilling pit was backfilled with clean native soil and contoured to the surrounding area. If you have any questions about the enclosed report please contact me at the office.

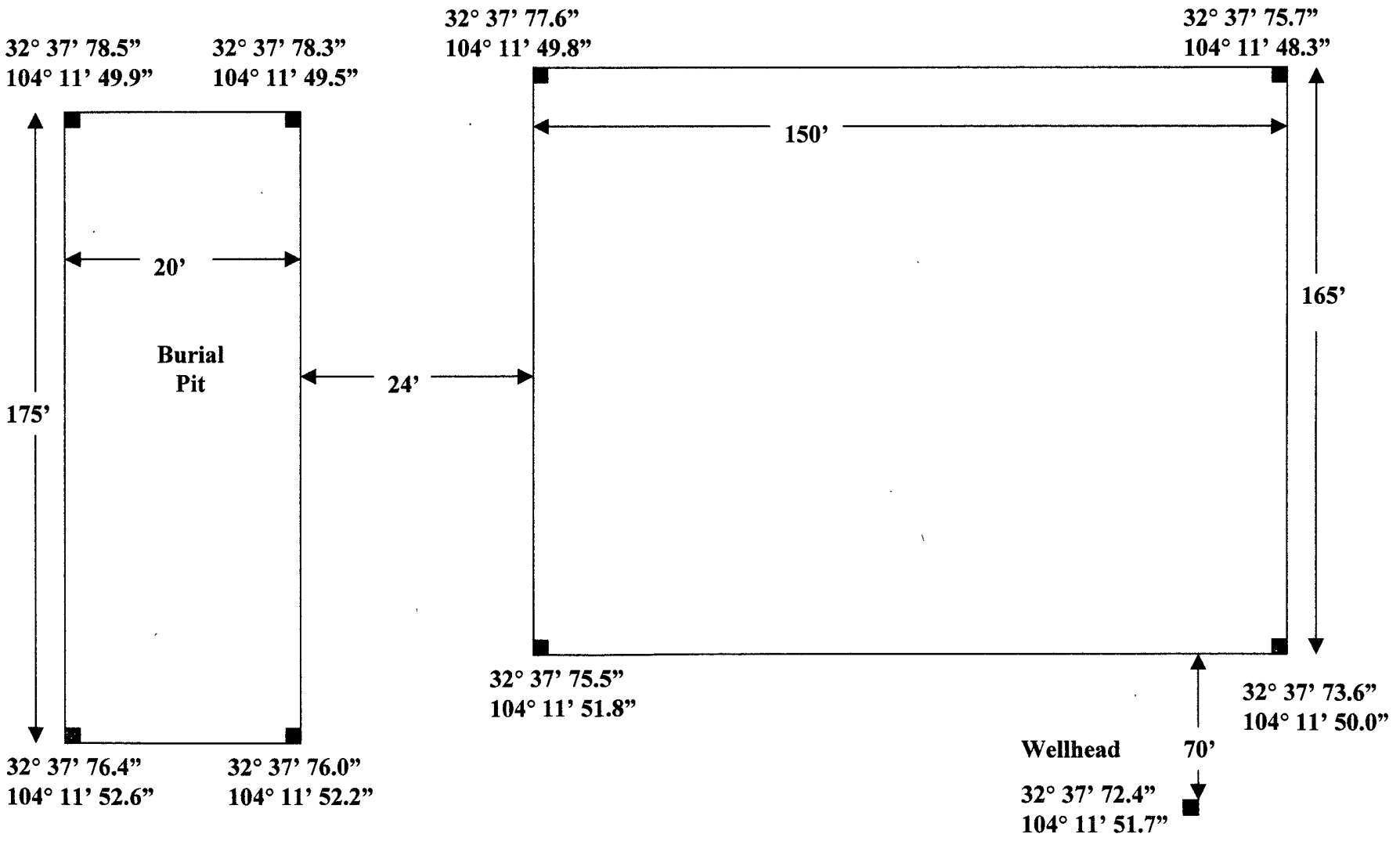
Sincerely,

Logan Anderson

Mewbourne Oil Company

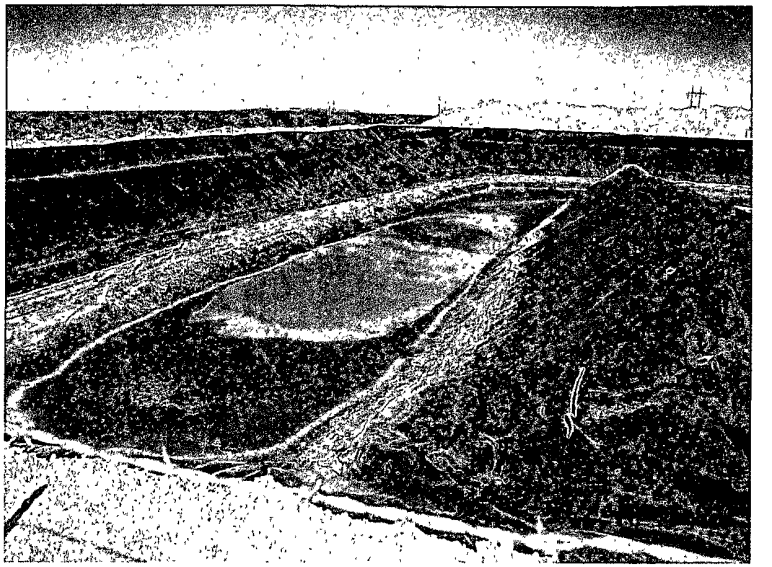
Springfield 29 State Com #1

Plat Map



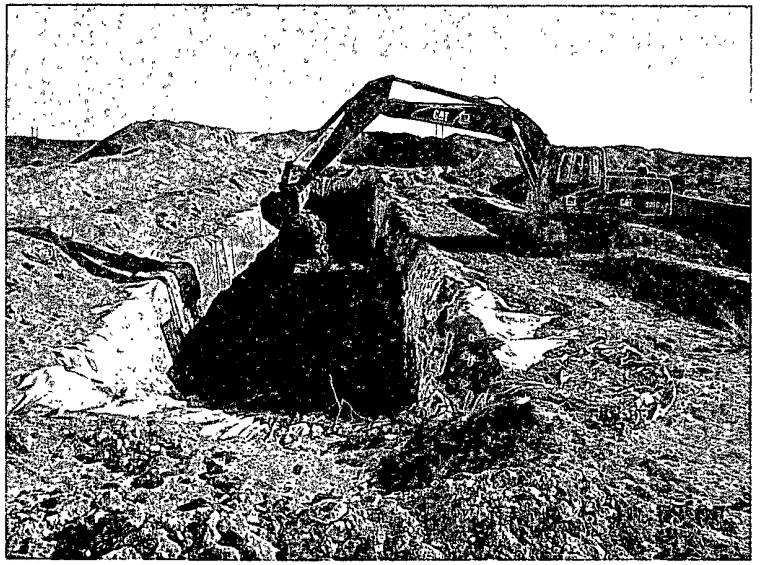
Mewbourne Oil – Springfield 29 State Com #1

Drilling pit before closure.



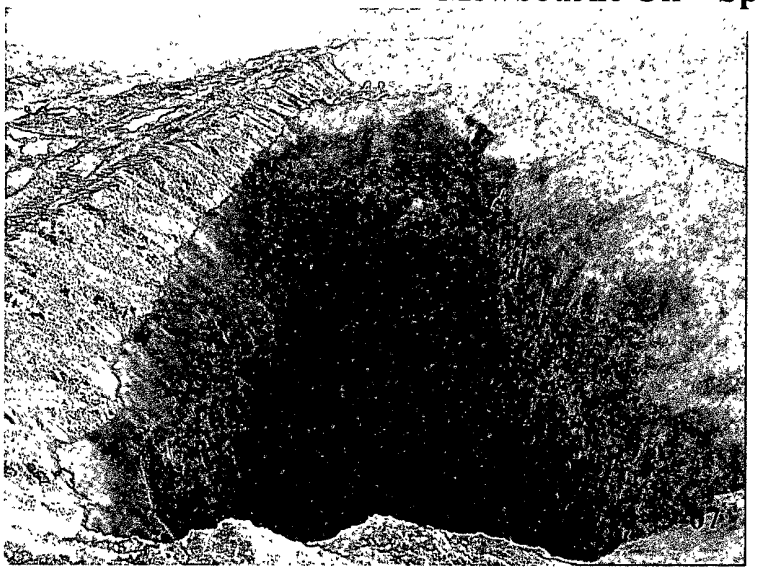
Drilling pit before closure.

Burial pit lined with a 12 mil impervious liner.

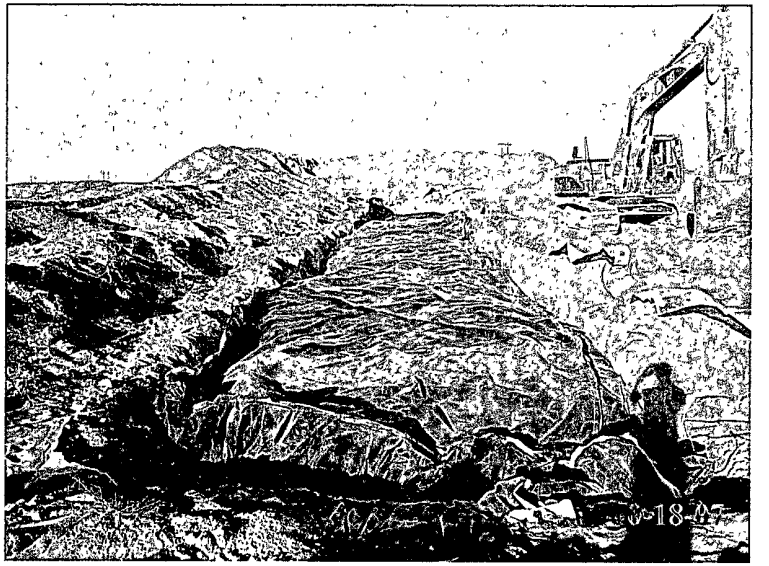


Drilling mud being placed into burial pit.

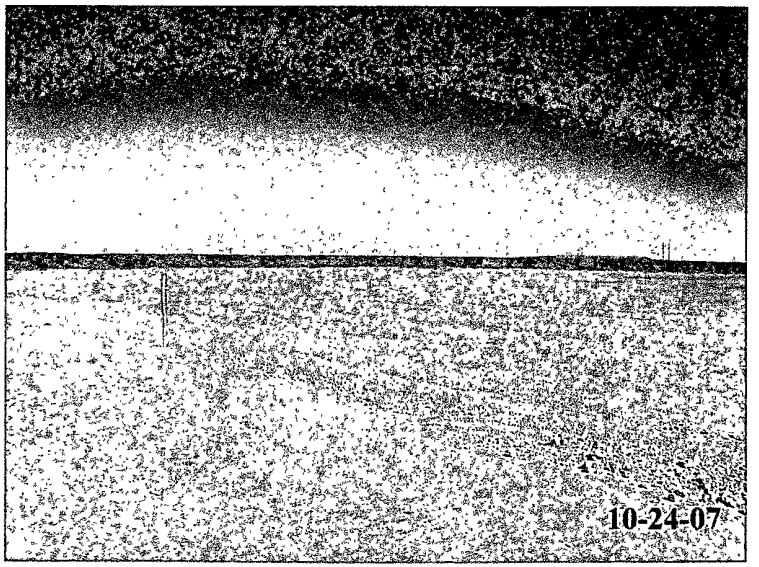
Mewbourne Oil – Springfield 29 State Com #1



Contamination under liner after excavation.



Burial pit capped with a 20 mil impervious liner.



Drilling and burial pits after backfill and contouring.

Drilling and burial pits after backfill and contouring.

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 ☒

SEP 07 2007
OCD-ARTESIA

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: Springfield 29 State Com #1 API #: 30-015-35503 U/L or Qtr/Qtr 1 Sec 29 T 19S R 28E
County: Eddy Latitude Longitude NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

Pit	**Below-grade tank**	
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Pit Volume 24000 bbl	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) (10 points) (0 points) XXX
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)	**0 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 Dry soil to stiffen the contents then placed in the burial pit. The burial pit 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 then backfilled with clean native soil and doomed to prevent pooling. 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 ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

Date: 9-5-07
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.

See Attached Stipulations

Approval:
Printed Name/Title Gerry Guye Compliance Officer Signature Date: SEP 7 2007

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

Final Report

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: Springfield 29 State Com #1 API #: 30-015-35503 U/L or Qtr/Qtr I Sec 29 T 19S R 28E
County: Eddy Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

Pit	**Below-grade tank**	
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Pit Volume 24000 bbl	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) (10 points) (0 points) **XXX**
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)	**0 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: A burial pit was constructed and lined with a 12mil impervious liner. The drilling pit contents were mixed with dry soil to stiffen the contents then placed in the burial pit. Testing below the pit liner showed contamination in one corner of the pit. That contamination was excavated and placed in the burial pit. The burial pit was 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 then backfilled with clean native soil and domed to prevent pooling. The drilling pit was backfilled with clean native soil and contoured to the surrounding area.

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: _____

Printed Name/Title _____ 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 _____ Signature _____ Date: _____

Robin Terrell
Mewbourne Oil Company
PO Box 5270
Hobbs, New Mexico 88241

October 18, 2007

Mike Bratcher
NMOCD District 2 Office
1301 W. Grand
Artesia, New Mexico 88210

RE: Springfield 29 State 001 - Final Pit Closure

Springfield 29 State 001	Depth to Ground Water: 125'
API: 30-015-35503	Planned Analytical Testing: Chlorides
Sec 29-T19S-R28E	Site Ranking Score: 0 (zero)
1650' FSL & 660' FEL	Primary Land Use: Ranching and Oil & Gas Production

Pursuant to Pit Rule 50 of the New Mexico Oil Conservation District of the State of New Mexico regulatory requirement for pit closure, please accept the following documentation for final closure of the drilling pit for the aforementioned location.

An Insitu burial trench was excavated and lined with 12mil HDPE liner. All drill cuttings were stiffened and transferred to the lined Insitu trench. Upon transferring all pit contents to the lined burial trench, field tests were performed on the soil within in the confines of the original drill pit. The field results of chloride delineation of the impacted material are as follows (a diagram has also been attached):

Q1	12' 280mg/kg	Q2	12' 260mg/kg	Q3	12' 6000mg/kg 15' 4000mg/kg 18' 1800mg/kg 20' 300mg/kg
Q4	12' 280mg/kg	Q5	12' 360mg/kg		

After field tests were performed, Mike Bratcher of the New Mexico Oil Conservation Division (NMOCD) was contacted. Approval for closure was granted with the following stipulation:

> Due to the impact in Section "Q3", the impacted material needs to me removed and placed in the lined Insitu trench.

Pursuant to NMOCD Pit Rule 50, the impacted material in Section "Q3" was removed and placed into the lined Insitu trench; a 20mil liner was placed on top of the Insitu trenches to seal in the impacted soils and the stiffened drill cuttings. The pit area was backfilled with clean native material and contoured to the surrounding terrain.

Soil samples were collected, prepared and packaged per EPA guidelines and forwarded to Trace Analysis in Lubbock, Texas for official analytical testing. Please find the official analytical results attached hereto.

Please review the attached documentation and contact me at 505-393-5905 with any questions or concerns.

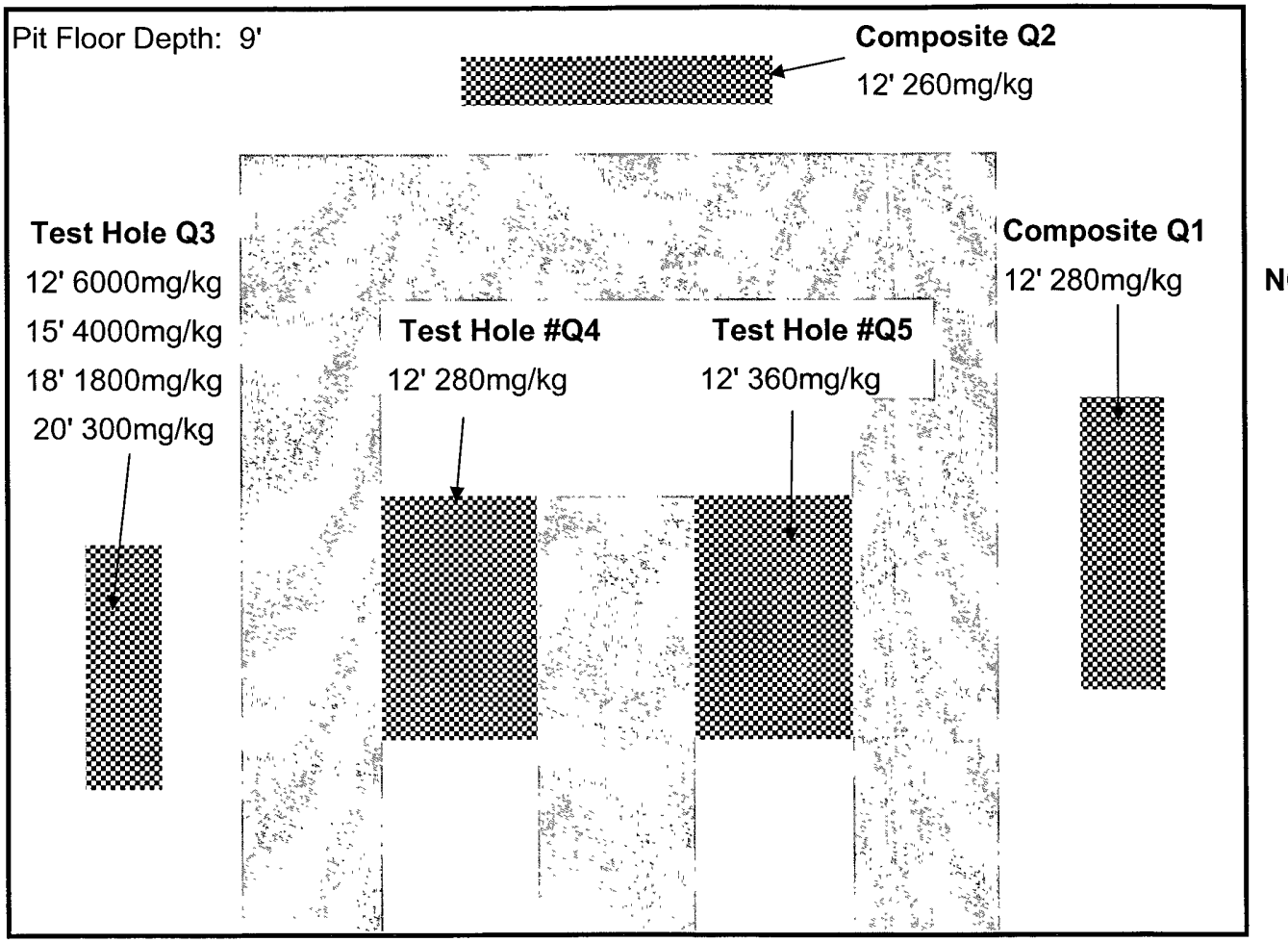
Sincerely,

Robin Terrell
Production Engineer

/sjt

Springfield 29 State 001
Field Results
Floor 10/18/07

Lined
Burial
Trenches



NOTE: CLAY LAYER AT 19'

Valley Energy Services, Inc.

PO Box 207
Loving, NM 88256

Invoice

Date	Invoice #
10/18/2007	643

Bill To
Mewbourne Oil Company Robin Terrell PO Box 5270 Hobbs, NM 88241

Terms	Rep
Due on receipt	SJT

Location
Springfield 29 State 001

Quantity	Item Code	Description	Price Each	Amount
4	Enviro Sampling	pulled infield analysis for delineation; Contacted Mike Bratcher of the NMOCD - approval was granted with stipulations	65.00	260.00T
0.5	Enviro Reports		65.00	32.50T
0.5	Enviro misc	prepared, packaged and sent samples to Trace Analysis for official analyticals	65.00	32.50T
65	Mileage Charge		0.50	32.50T
		New Mexico Sales Tax	6.3125%	22.57

Total $380.07

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
8808 Camp Bowie Blvd West, Suite 180 Ft Worth, Texas 76116 817•201•5260 FAX 817•560•4336
E-Mail lab@traceanalysis.com

Analytical and Quality Control Report

Robin Terrell
Mewbourne Oil Company
P O Box 5270
Hobbs, NM, 88220

Report Date: November 14, 2007

Work Order: 7110835

Project Location: Sec 29-T19S-R28E Eddy County, NM
Project Name: Springfield 29 State #1
Project Number: API 30-015-35503

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
142288	Q1 12'	soil	2007-10-18	14:00	2007-11-08
142289	Q2 12'	soil	2007-10-18	14:30	2007-11-08
142290	Q3 20'	soil	2007-10-18	15:00	2007-11-08
142291	Q4 12'	soil	2007-10-18	16:00	2007-11-08
142292	Q5 12'	soil	2007-10-18	16:30	2007-11-08

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank

Case Narrative

Samples for project Springfield 29 State #1 were received by TraceAnalysis, Inc. on 2007-11-08 and assigned to work order 7110835. Samples for work order 7110835 were received intact at a temperature of 22.0 deg.C

Samples were analyzed for the following tests using their respective methods.

Test	Method
Chloride (Titration)	SM 4500-Cl B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 7110835 since the sample was chosen at random Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 142288 - Q1 12'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method	N/A
QC Batch:	43042	Date Analyzed	2007-11-10	Analyzed By.	MM
Prep Batch:	37141	Sample Preparation:	2007-11-09	Prepared By:	MM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**210**	mg/Kg	10	5.00

Sample: 142289 - Q2 12'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43042	Date Analyzed:	2007-11-10	Analyzed By:	MM
Prep Batch:	37141	Sample Preparation:	2007-11-09	Prepared By:	MM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**182**	mg/Kg	10	5.00

Sample: 142290 - Q3 20'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method	N/A
QC Batch:	43042	Date Analyzed:	2007-11-10	Analyzed By:	MM
Prep Batch:	37141	Sample Preparation:	2007-11-09	Prepared By:	MM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**495**	mg/Kg	10	5.00

Sample: 142291 - Q4 12'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43043	Date Analyzed:	2007-11-10	Analyzed By:	MM
Prep Batch:	37142	Sample Preparation:	2007-11-09	Prepared By:	MM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**208**	mg/Kg	10	5.00

Sample: 142292 - Q5 12'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43043	Date Analyzed.	2007-11-10	Analyzed By:	MM
Prep Batch:	37142	Sample Preparation:	2007-11-09	Prepared By	MM

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**225**	mg/Kg	10	5.00

Method Blank (1) QC Batch: 43042

QC Batch:	43042	Date Analyzed:	2007-11-10	Analyzed By:	MM
Prep Batch:	37141	QC Preparation:	2007-11-14	Prepared By:	MM

Parameter	Flag	MDL Result	Units	RL
Chloride		<3.25	mg/Kg	5

Method Blank (1) QC Batch: 43043

QC Batch:	43043	Date Analyzed:	2007-11-10	Analyzed By:	MM
Prep Batch:	37142	QC Preparation:	2007-11-09	Prepared By:	MM

Parameter	Flag	MDL Result	Units	RL
Chloride		<3.25	mg/Kg	5

Laboratory Control Spike (LCS-1)

QC Batch:	43042	Date Analyzed:	2007-11-10	Analyzed By:	MM
Prep Batch:	37141	QC Preparation:	2007-11-14	Prepared By:	MM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec	Rec. Limit
Chloride	100	mg/Kg	1	100	<3.25	100	96.1 - 103

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil	Spike Amount	Matrix Result	Rec	Rec. Limit	RPD	RPD Limit
Chloride	99.4	mg/Kg	1	100	<3 25	99	96.1 - 103	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1)

QC Batch:	43043	Date Analyzed:	2007-11-10	Analyzed By:	MM
Prep Batch:	37142	QC Preparation:	2007-11-09	Prepared By:	MM

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec	Rec Limit
Chloride	100	mg/Kg	1	100	<3.25	100	96 1 - 103

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec	Rec Limit	RPD	RPD Limit
Chloride	100	mg/Kg	1	100	<3.25	100	96.1 - 103	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 142290

QC Batch: 43042 | Date Analyzed: 2007-11-10 | Analyzed By: MM
Prep Batch: 37141 | QC Preparation: 2007-11-14 | Prepared By: MM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride [1]	862	mg/Kg	10	500	494.717	73	80 - 120

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil	Spike Amount	Matrix Result	Rec	Rec Limit	RPD	RPD Limit
Chloride [2]	884	mg/Kg	10	500	494.717	78	80 - 120	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 142300

QC Batch: 43043 | Date Analyzed: 2007-11-10 | Analyzed By: MM
Prep Batch: 37142 | QC Preparation: 2007-11-09 | Prepared By: MM

Param	MS Result	Units	Dil	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	661	mg/Kg	10	500	83.055	116	80 - 120

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	609	mg/Kg	10	500	83.055	105	80 - 120	8	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result

Standard (ICV-1)

QC Batch: 43042 | Date Analyzed: 2007-11-10 | Analyzed By: MM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-11-10

[1] Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control
[2] Matrix spike recoveries out of control limits due to matrix spike being diluted out. Use LCS/LCSD to demonstrate analysis is under control

Standard (CCV-1)

QC Batch: 43042 Date Analyzed: 2007-11-10 Analyzed By: MM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.7	100	85 - 115	2007-11-10

Standard (ICV-1)

QC Batch: 43043 Date Analyzed: 2007-11-10 Analyzed By: MM

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-11-10

Standard (CCV-1)

QC Batch: 43043 Date Analyzed: 2007-11-10 Analyzed By: MM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	100	100	85 - 115	2007-11-10

LAB Order ID # 711083S Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9, Lubbock, Texas 79424, Tel (806) 794-1296, Fax (806) 794-1298, 1 (800) 378-1296
5002 Basin Street Suite A1, Midland, Texas 79703, Tel (432) 689-6301, Fax (432) 689-6313
200 East Sunset Rd. Suite E, El Paso, Texas 79922, Tel (915) 585-3443, Fax (915) 585-4944, 1 (888) 588-3443
8808 Camp Bowie Blvd. West, Suite 180, Ft. Worth, Texas 76116, Tel (817) 201-5260, Fax (817) 560-4336

Company Name: Mewbourne Oil Co
Phone #:
Address: (Street, City, Zip) PO Box 5270 Hobbs, NM 88240
Fax #:
Contact Person: Robin Terrell
E-mail: Robin+Shelley
Invoice to: (If different from above)
Project #: API 30-015-35503
Project Name: Springfield 29 State #1
Project Location (including state): Sec 29 T16S-R28E Eddy County NM
Sampler Signature: Sherry Tucker

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
142288	Q1 - 12'	1			X							X		10/18/07	1400
289	Q2 - 12'	1			X							X			1430
290	Q3 - 20'	1			X							X			1500
291	Q4 - 12'	1			X							X			1600
292	Q5 - 12'	1			X							X		10/18/07	1630

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 505	Pesticides 3081A / 608	BOD, TSS, pH	Moisture Content	Chlorides					Turn Around Time if different from standard	Hold
																X	X						
																X	X						
																X	X						
																X	X						
																X	X						

Relinquished by: Sherry Tucker VC2 Company: Date: 11-7-07 Time: 730
Received by: UPS Company: Date: 11-7-07 Time: 730 Temp°c:
Relinquished by: Company: Date: Time:
Received by: Company: Date: Time: Temp°c:
Relinquished by: Company: Date: Time:
Received by: Company: Date: 110807 Time: 1130 Temp°c: 22

LAB USE ONLY
Intact Y / N
Headspace Y / N / NA
Log-in-Review

REMARKS:

- [ ] Dry Weight Basis Required
- [ ] TRRP Report Required
- [ ] Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

Carrier # Blue Grey 1Z 304356 5470

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LAB Order ID # 7110835 Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9, Lubbock, Texas 79424, Tel (806) 794-1296, Fax (806) 794-1298, 1 (800) 378-1296
5002 Basin Street, Suite A1, Midland, Texas 79703, Tel (432) 689-6301, Fax (432) 689-6313
200 East Sunset Rd., Suite E, El Paso, Texas 79922, Tel (915) 585-3443, Fax (915) 585-4944, 1 (888) 588-3443
8808 Camp Bowie Blvd West, Suite 180, Ft. Worth, Texas 76116, Tel (817) 201-5260, Fax (817) 560-4336

Company Name: Mewbourne Oil Co
Phone #:
Address: (Street, City, Zip) PO Box 5270 Hobbs, NM 88240
Fax #:
Contact Person: Robin Terrell
E-mail: Robin+Shelley
Invoice to: (If different from above)
Project #: API 30-015-35503
Project Name: Springfield 29 State #1
Project Location (including state): Sec 29 T19S-R28E Eddy County, NM
Sampler Signature: Sherry Tucker

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Chlorides				Turn Around Time if different from standard	Hold
142288	Q1 - 12'	1			X							X		11/8/07	1400																X	X					
289	Q2 - 12'	1			X							X			1430																X	X					
290	Q3 - 20'	1			X							X			1500																X	X					
291	Q4 - 12'	1			X							X			1600																X	X					
292	Q5 - 12'	1			X							X		11/8/07	1630																X	X					

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
Sherry Tucker	VES	11-7-07	730		UPS	11-7-07	730	
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
						11/08/07	1130	2.0

LAB USE ONLY
Intact Y / N
Headspace Y / N / NA
Log-in-Review

REMARKS: 11/14 EP

- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

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Carrier # BUS GLI 304356542 0

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