

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

JAN 31 2008
OCD-ARTESIA

December 4, 2007

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

RE: Parkchester 24 State 002 - Final Pit Closure

Parkchester 24 State 002
API: 30-015-35689
Sec 24-T19S-R28E
900' FNL & 990' FWL

Depth to Ground Water: 125'
Planned Analytical Testing: Chlorides
Site Ranking Score:
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 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 11' 280mg/kg Q2 11' 100mg/kg Q3 11' 330mg/kg

After field tests were performed, Mike Bratcher of the New Mexico Oil Conservation Division (NMOCD) was contacted. Approval for closure was granted with no stipulations:

Pursuant to NMOCD Pit Rule 50, a 20mil liner was placed on top of the Insitu trench 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

Accepted for record
NMOCD

FEB 04 2008

/sjt

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

NOV 29 2007

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 ☒ **OCD-ARTESIA**

Operator: <u>MEWBOURNE Oil</u> Telephone: <u>505 390-4816</u> e-mail address: _____		
Address: <u>701 CECIL MORRIS NEW MEXICO 88240</u>		
Facility or well name: <u>PARKCHESTER 24 STATE</u> API #: <u>30-015-35689</u> U/L or Qtr/Qtr <u>D</u> Sec <u>24</u> T <u>AS</u> R <u>28E</u>		
County: _____ Latitude _____ Longitude _____ NAD 1927 ☐ 1983 ☐		
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐		
Pit Type: Drilling ☐ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☐ Liner type: Synthetic ☐ Thickness _____ mil Clay ☐ Pit Volume _____ 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) (10 points) (0 points) 128'
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)
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)
Ranking Score (Total Points)		0

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 _____ (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: <u>DRILLING PIT CONTENTS WILL BE DEEP BURIED USING 12 MIL LINER</u> <u>& 20 MIL CAN. PIT AREA WILL BE TESTED FOR CHLORIDE & CLEAN AT</u> <u>250 PPM.</u>

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 ☐.

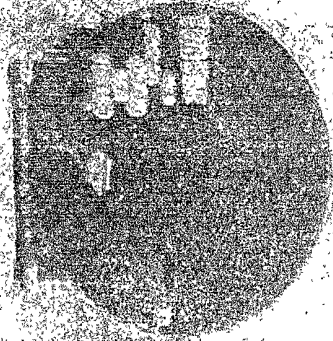
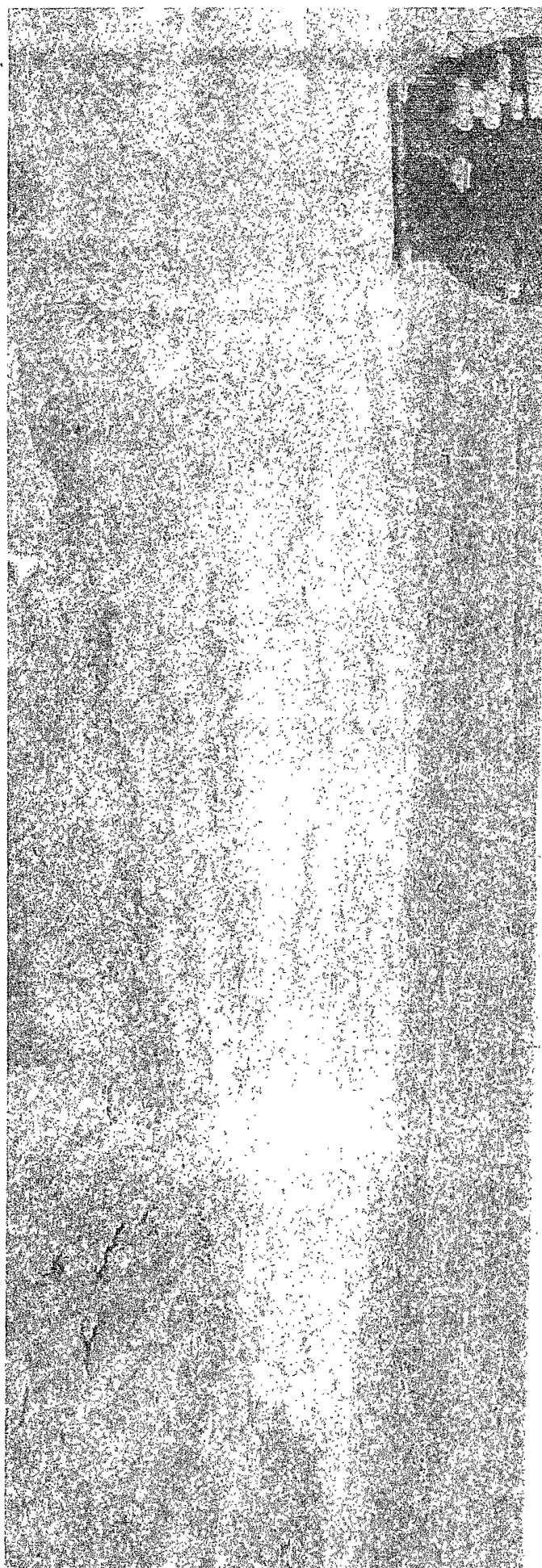
Date: 11/29/07
Printed Name/Title: ER Taylor Signature: ER Taylor

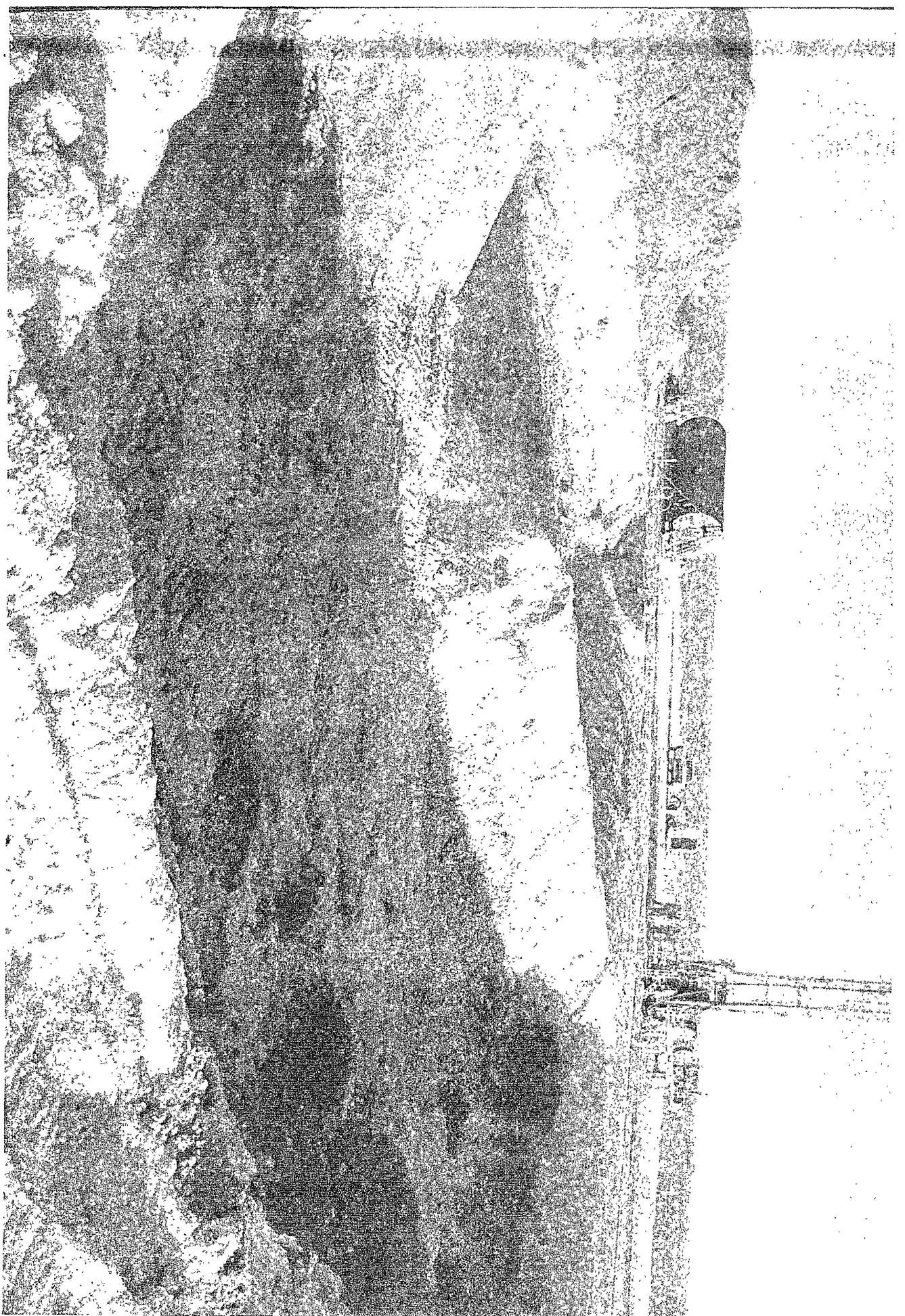
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

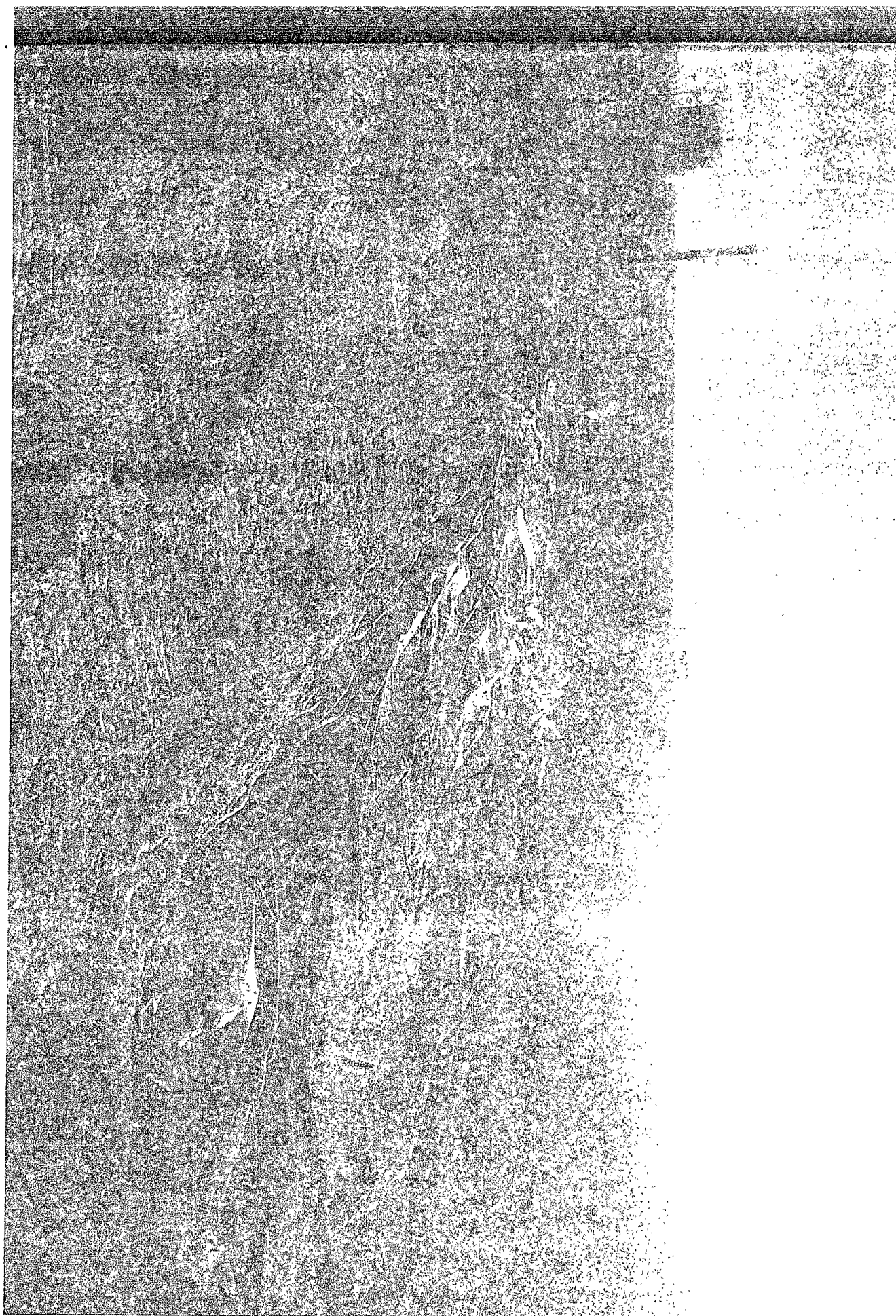
Approval:
Printed Name/Title: _____ Signature: Mike Brannan Date: NOV 29 2007

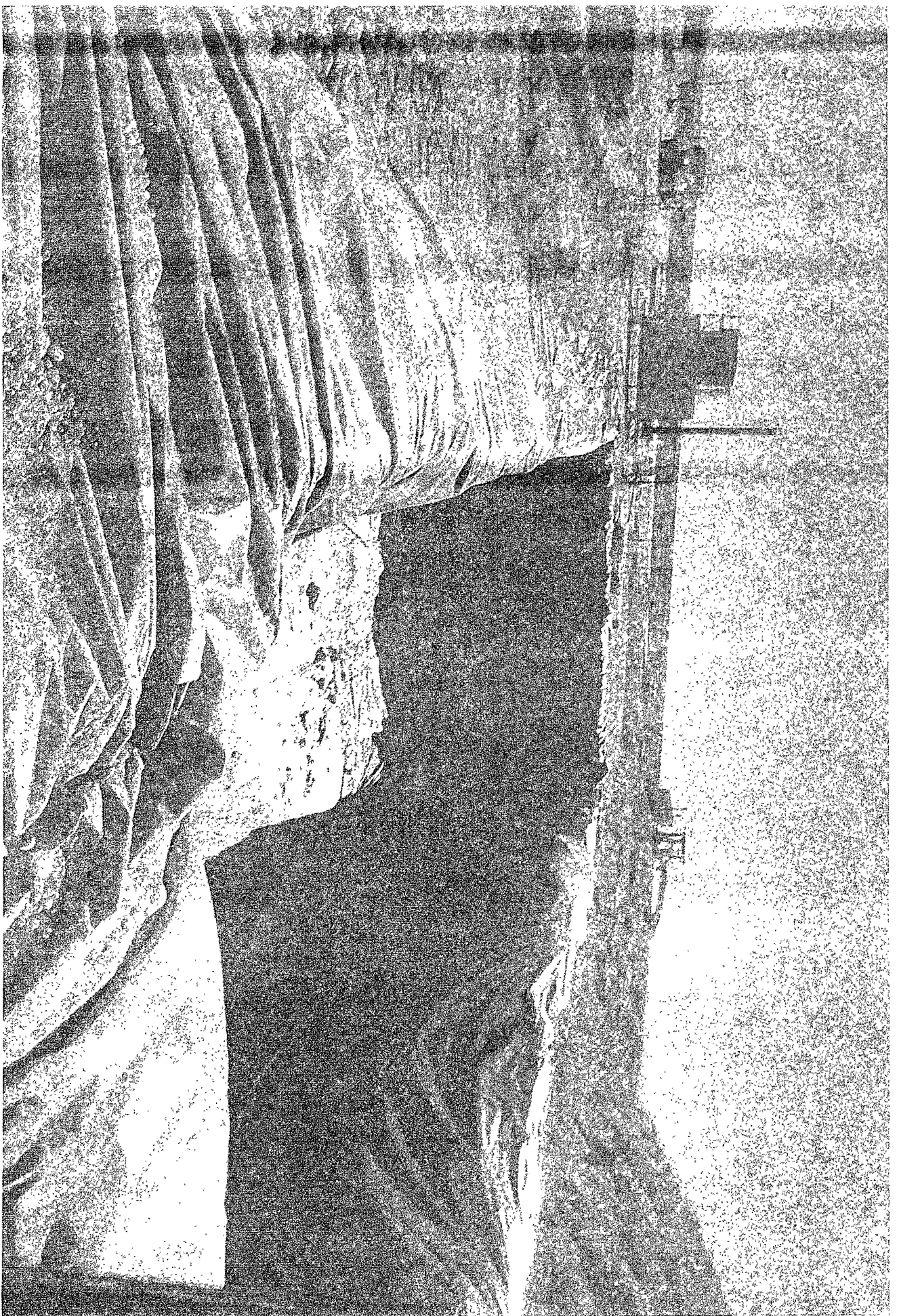
NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses submitted to OCD prior to back-filling.

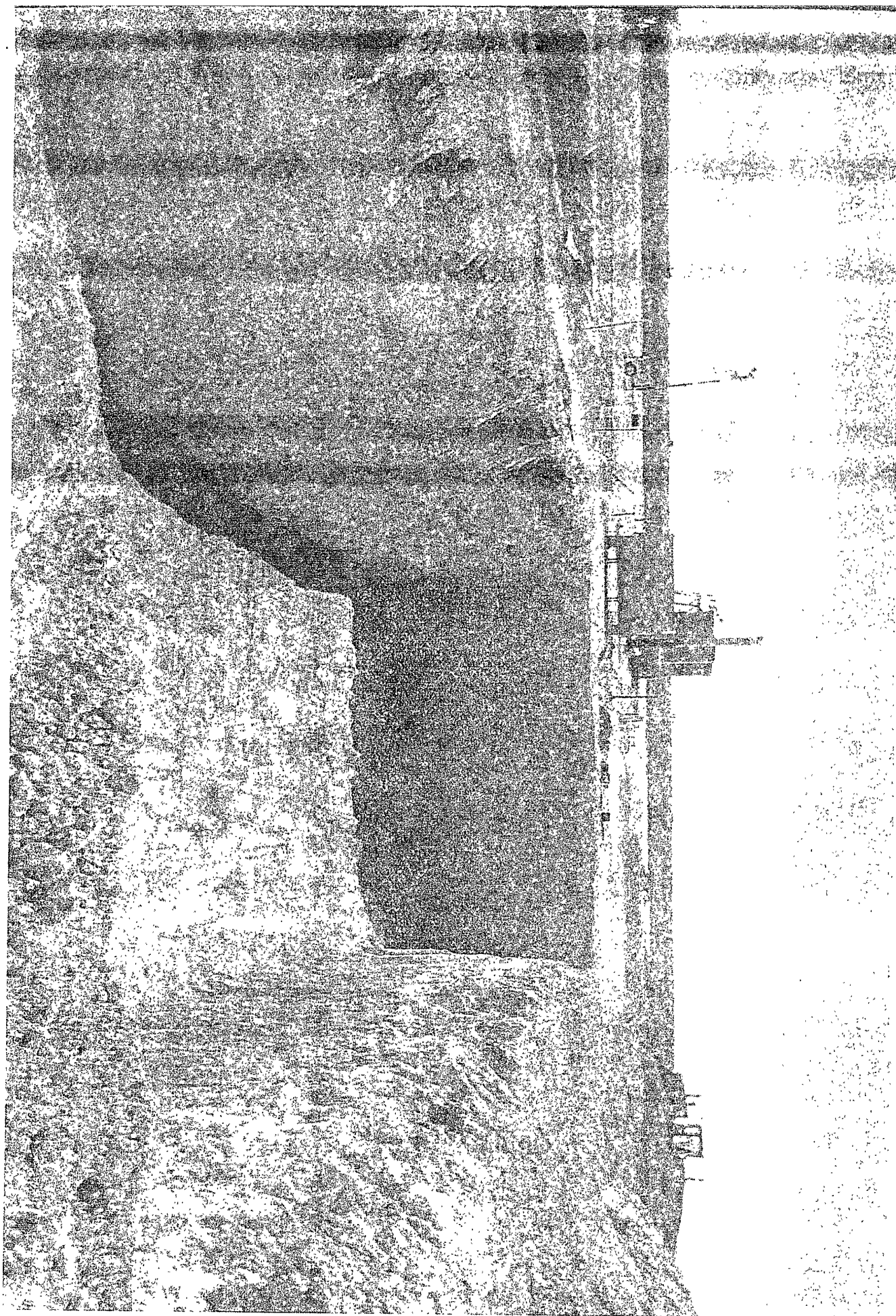
If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to lining trench.













NEWMBOURNE OIL COMPANY
PARKCHESTER "24" STATE #2
900' FNL & 990' FWL
SEC. 24, T19S, R28E
EDDY COUNTY, NEW MEXICO
API #30-Q15-35689

Summary Report

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

Report Date: January 11, 2008

Work Order: 8010832



Project Location: Sec 24-T195-R28E
Project Name: Parkchester 24 St. #2
Project Number: API 30-015-35689

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
147204	Q1-11' comp	soil	2007-12-04	09:00	2008-01-08
147205	Q2-11' comp	soil	2007-12-04	09:30	2008-01-08
147206	Q3-11' comp	soil	2007-12-04	10:00	2008-01-08

Sample: 147204 - Q1-11' comp

Param	Flag	Result	Units	RL
Chloride		151	mg/Kg	2.00

Sample: 147205 - Q2-11' comp

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	2.00

Sample: 147206 - Q3-11' comp

Param	Flag	Result	Units	RL
Chloride		231	mg/Kg	2.00



6701 Aberdeen Avenue, Suite 9
200 East Sunset Road, Suite E
5002 Basin Street, Suite A1
8808 Camp Bowie Blvd West, Suite 180

Lubbock, Texas 79424
El Paso, Texas 79922
Midland, Texas 79703
Ft Worth, Texas 76116
E-Mail lab@traceanalysis.com

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888•588•3443
432•689•6301
817•201•5260

806•794•1296
915•585•3443
432•689•6301
817•201•5260

FAX 806•794•1298
FAX 915•585•4944
FAX 432•689•6313
FAX 817•560•4336

Analytical and Quality Control Report

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

Report Date: January 11, 2008

Work Order: 8010832



Project Location: Sec 24-T195-R28E
Project Name: Parkchester 24 St. #2
Project Number: API 30-015-35689

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
147204	Q1-11' comp	soil	2007-12-04	09:00	2008-01-08
147205	Q2-11' comp	soil	2007-12-04	09:30	2008-01-08
147206	Q3-11' comp	soil	2007-12-04	10:00	2008-01-08

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.

This report consists of a total of 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

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 Parkchester 24 St. #2 were received by TraceAnalysis, Inc on 2008-01-08 and assigned to work order 8010832. Samples for work order 8010832 were received intact at a temperature of 4.0 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 8010832 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: 147204 - Q1-11' comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	44555	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38371	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		151	mg/Kg	50	2.00

Sample: 147205 - Q2-11' comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	44555	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38371	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<100	mg/Kg	50	2.00

Sample: 147206 - Q3-11' comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	44555	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38371	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		231	mg/Kg	50	2.00

Method Blank (1) QC Batch: 44555

QC Batch:	44555	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38371	QC Preparation:	2008-01-10	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.500	mg/Kg	2

Laboratory Control Spike (LCS-1)

QC Batch:	44555	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38371	QC Preparation:	2008-01-10	Prepared By:	AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec Limit
Chloride	98.6	mg/Kg	1	100	<0.500	99	85 - 115

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	99.6	mg/Kg	1	100	<0.500	100	85 - 115	1	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: 147211

QC Batch: 44555
Prep Batch: 38371

Date Analyzed: 2008-01-10
QC Preparation: 2008-01-10

Analyzed By: AR
Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	4950	mg/Kg	50	5000	141.71	96	85 - 115

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	5000	mg/Kg	50	5000	141.71	97	85 - 115	1	20

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

Standard (ICV-1)

QC Batch: 44555

Date Analyzed: 2008-01-10

Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	99.5	99	85 - 115	2008-01-10

Standard (CCV-1)

QC Batch: 44555

Date Analyzed: 2008-01-10

Analyzed By: AR

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	2008-01-10

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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

Company Name: <u>Mountain Oil Co</u>		Phone #: <u>MCC</u>												
Address: <u>PO Box 5370 Hobbs NM 88240</u>		Fax #:												
Contact Person: <u>Robin Terrell</u>		E-mail: <u>rtterrell@valnet.com</u>												
Invoice to (if different from above)														
Project # <u>401 20-05-35089</u>	Project Name: <u>Larkchester 24 St #2</u>													
Project Location (including state): <u>2024-TLAS-R28E</u>	Sampler Signature: <u>[Signature]</u>													
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX	PRESERVATIVE METHOD	DATE	TIME	H2O2	HNO3	HCl	ICE	NONE	SAMPLING	Turn Around Time if different from standard
147204	Q1 11' Comp	1												
205	Q2 11' Comp	1												
206	Q3 11' Comp	1												
ANALYSIS REQUEST (Circle or Specify Method No.)														
LAB USE ONLY														
REMARKS: <u>all tests - midland</u>														
Carrier # <u>any in</u>														

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

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