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

JAN 31 2008
OCD-ARTESIA

November 29, 2007

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

RE: Salamander 10 Federal Com 001 - Final Pit Closure

Salamander 10 Federal Com 001	Depth to Ground Water: 100'
API: 30-015- 35770	Planned Analytical Testing: Chlorides
Sec 10-T17S-R29E	Site Ranking Score:
1650' FSL & 990' FWL	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	07' 150mg/kg	Q2	07' 210mg/kg	Q3	07' 200mg/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, contoured to the surrounding terrain and reseeded with an approved seed mixture.

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

Accepted for record
NMOCD
FEB 04 2008

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

NOV 26 2007
OCD-ARTESIA

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: _____
Address 701 CECIL HOBBS NM 88240
Facility or well name: SALAMANDER "10" FED COM 1 API #: 30-015-35770 U/L or Qtr/Qtr _____ Sec 10 T 17S R 29E
County: EDDY COUNTY 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 _____mil Clay ☐ Pit Volume _____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)
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 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: CONTENTS OF PIT WILL BE DEEP BURIED. TRENCH WILL BE LINED WITH 12 MIL LINER & CAPPED WITH A 30 MIL CAP. PIT WILL BE TESTED FOR CHLORIDE & WILL BE CLOSED WITH CHLORIDES BELOW 250 PPM.

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 ☐.**

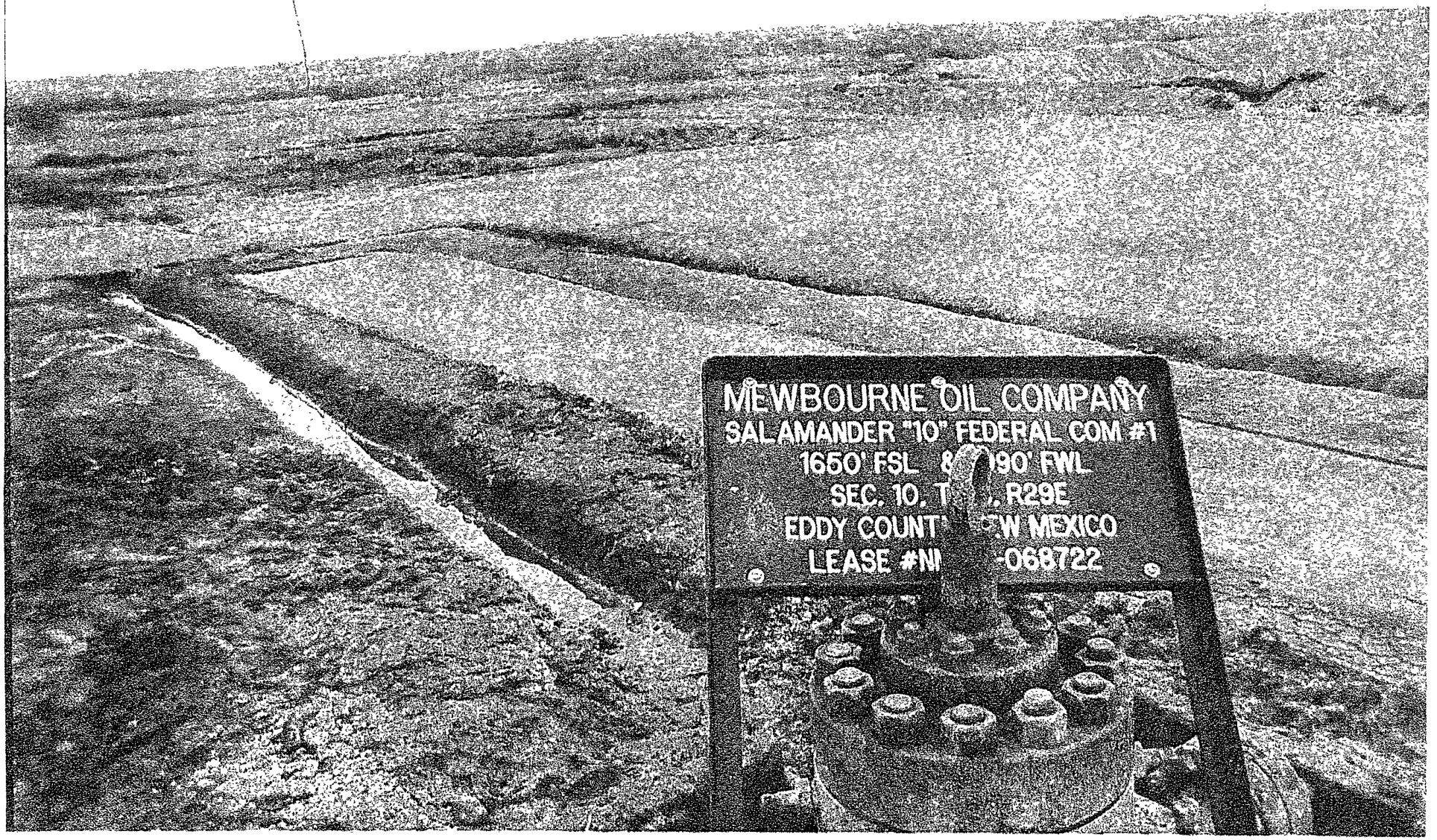
Date: 11/26/07
Printed Name/Title EB Taylor Signature EB Taylor

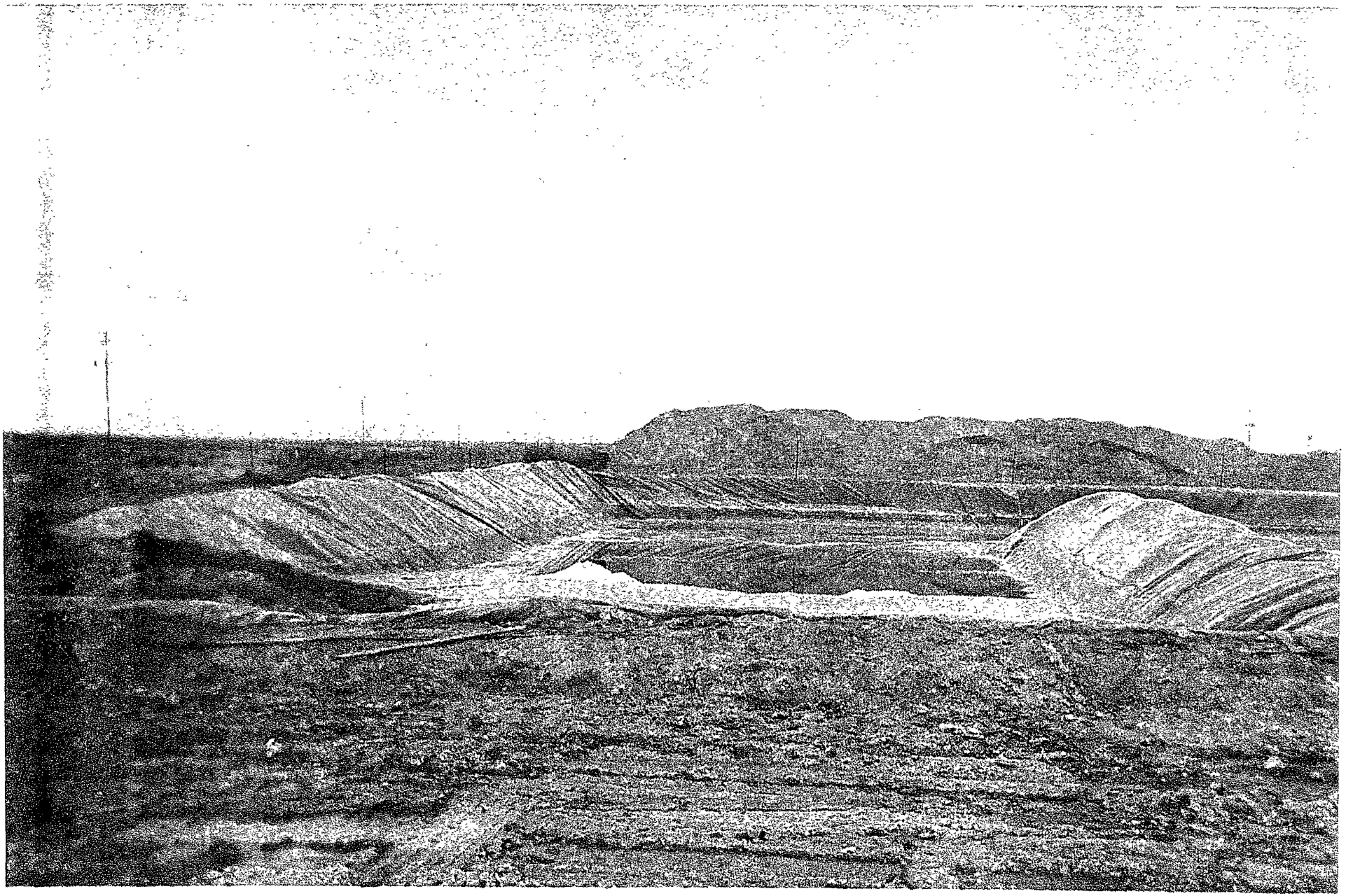
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with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

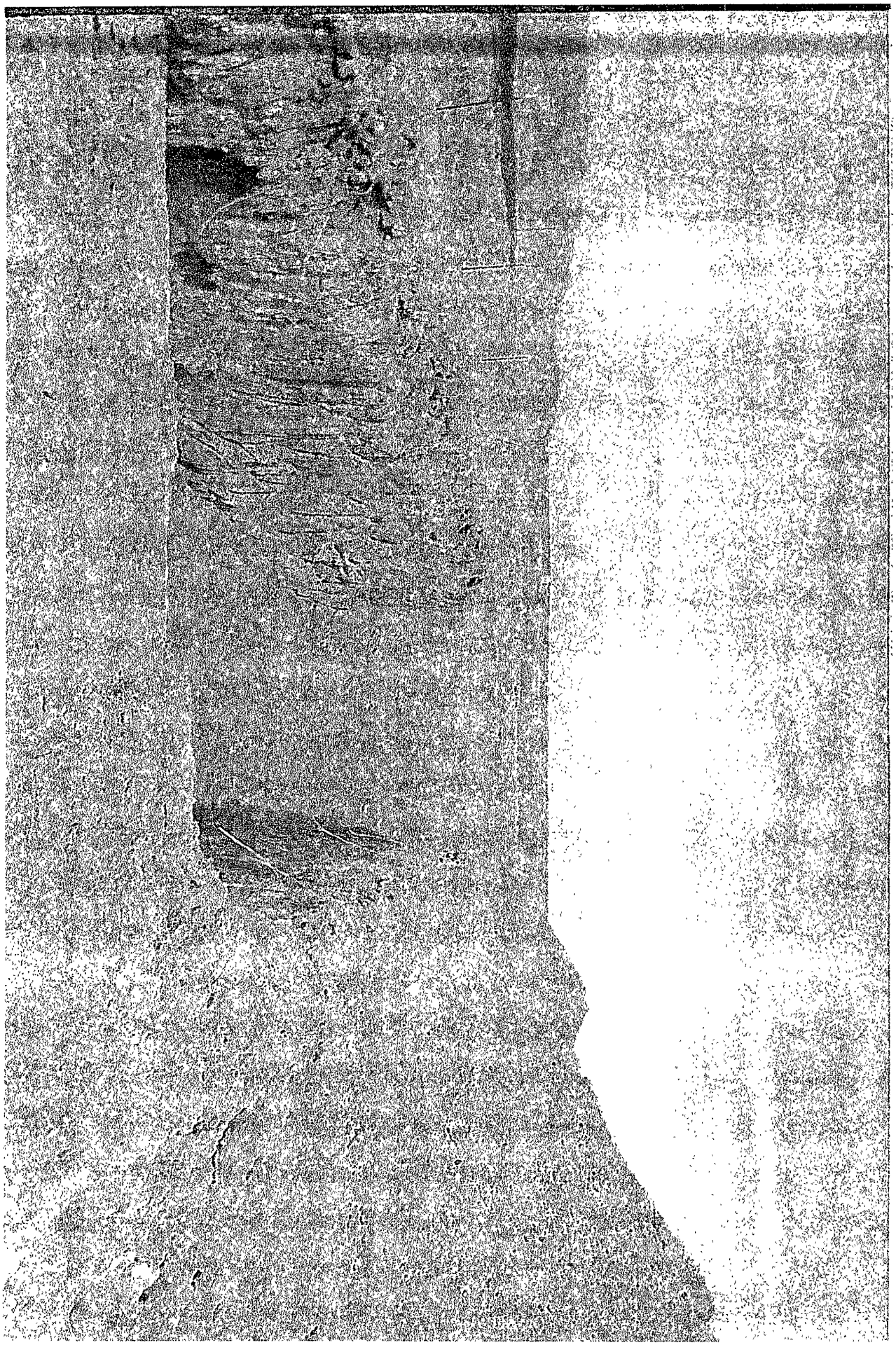
Approval:
Printed Name/Title _____ Signature Signed By Mike Bratcher Date: NOV 26 2007

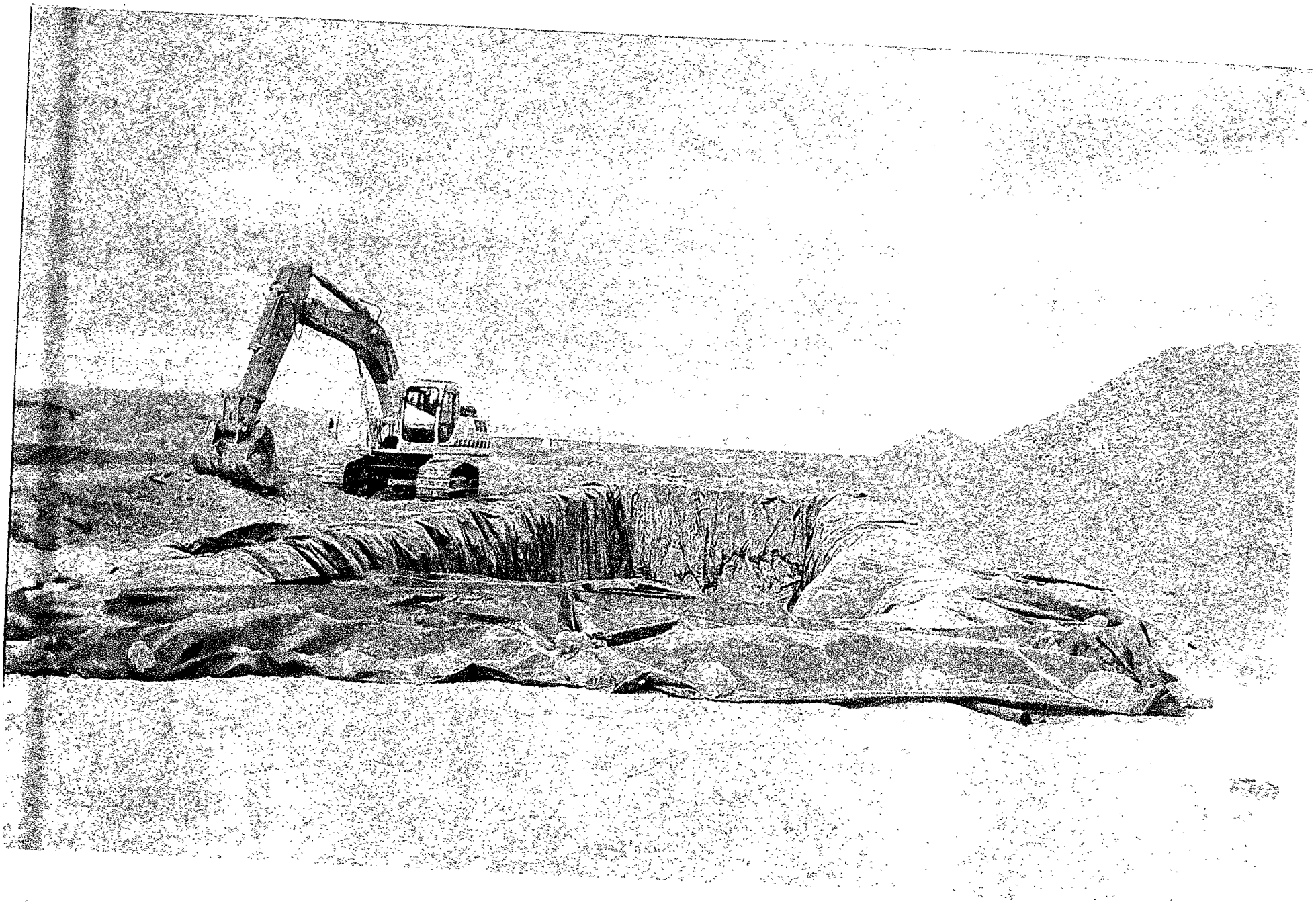
NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses submitted to OCD prior to back-filling.

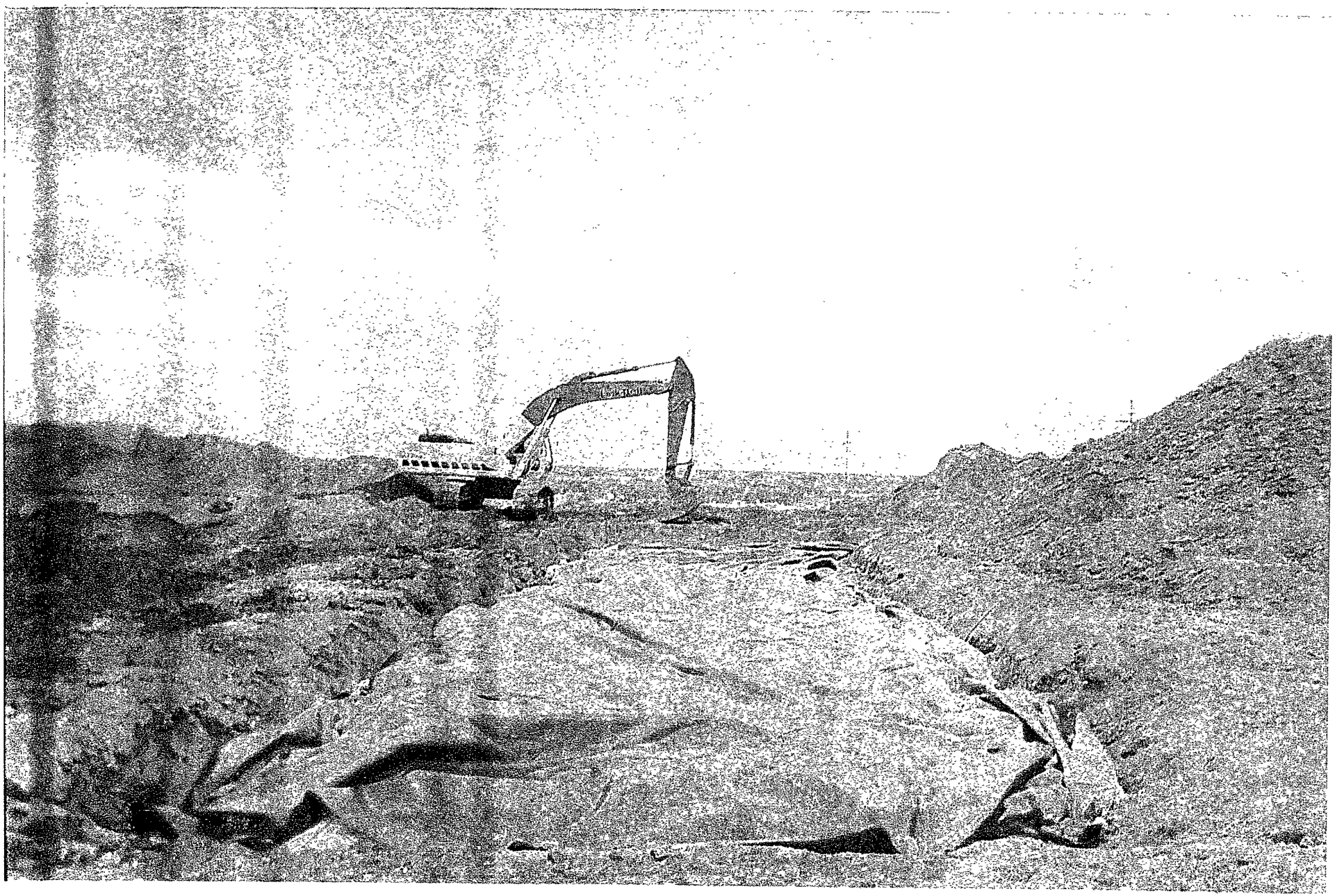
If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to lining trench.


MEWBOURNE OIL COMPANY
SALAMANDER "10" FEDERAL COM #1
1650' FSL &
SEC. 10. T
EDDY COUNT
LEASE #N
-068722









Summary Report

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

Report Date: January 11, 2008

Work Order: 8010905

Project Location: Sec 10,T17S,R29E/Eddy County, NM
Project Name: Salamander 10 Fed 01

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
147228	Q1-7' comp	soil	2007-11-29	15:00	2008-01-08
147229	Q2-7' comp	soil	2007-11-29	15:15	2008-01-08
147230	Q3-7' comp	soil	2007-11-29	15:30	2008-01-08

Sample: 147228 - Q1-7' comp

Param	Flag	Result	Units	RL
Chloride		**107**	mg/Kg	2.00

Sample: 147229 - Q2-7' comp

Param	Flag	Result	Units	RL
Chloride		**200**	mg/Kg	2.00

Sample: 147230 - Q3-7' comp

Param	Flag	Result	Units	RL
Chloride		**163**	mg/Kg	2.00

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: January 11, 2008

Work Order: 8010905

Project Location: Sec 10,T17S,R29E/Eddy County, NM
Project Name: Salamander 10 Fed 01
Project Number: Salamander 10 Fed 01

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
147228	Q1-7' comp	soil	2007-11-29	15:00	2008-01-08
147229	Q2-7' comp	soil	2007-11-29	15:15	2008-01-08
147230	Q3-7' comp	soil	2007-11-29	15:30	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.

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 Salamander 10 Fed 01 were received by TraceAnalysis, Inc. on 2008-01-08 and assigned to work order 8010905. Samples for work order 8010905 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 8010905 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: 147228 - Q1-7' comp

Analysis	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch	44557	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38373	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**107**	mg/Kg	50	2 00

Sample: 147229 - Q2-7' comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	44557	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38373	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**200**	mg/Kg	50	2.00

Sample: 147230 - Q3-7' comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	44557	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38373	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**163**	mg/Kg	50	2 00

Method Blank (1) QC Batch: 44557

QC Batch:	44557	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38373	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:	44557	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38373	QC Preparation:	2008-01-10	Prepared By:	AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.8	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	99.8	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: 147232

QC Batch: 44557 | Date Analyzed: 2008-01-10 | Analyzed By: AR
Prep Batch: 38373 | QC Preparation: 2008-01-10 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	4800	mg/Kg	50	5000	<25.0	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	4850	mg/Kg	50	5000	<25.0	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: 44557 | 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	99.3	99	85 - 115	2008-01-10

Standard (CCV-1)

QC Batch: 44557 | 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	101	101	85 - 115	2008-01-10

LAB Order ID # 8010905 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 Comp. Phone #:

Address: (Street, City, Zip) PO Box 5270 Hobbs, NM 88240 Fax #:

Contact Person: Robert Jarrell E-mail: rjarrell@valornet.com

Invoice to: (If different from above)

Project #: Project Name: Salamander 10 Fed 01

Project Location (including state): Sec 10, T17S, R29E Eddy County, NM Sampler Signature: Kelly 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
17228	Q1-7' Comp	1			X								X	11.29.07	1500
229	Q2-7' Comp	1			X								X	11.29.07	1515
230	Q3-7' Comp	1			X								X	11.29.07	1530

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 / 608	
Pesticides 8081A / 608	
BOD, TSS, pH	
Moisture Content	X X X
Chlorides	
Turn Around Time if different from standard	
Hold	

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°c:
Kelly Tucker		01/08/08	17:20					
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°c:
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°c:
					Trace	1/8/08	1720	4.0

LAB USE ONLY: Intact Y / N; Headspace Y / N / NA; 4.0; Log-in-Review

REMARKS: all tests - Midland

- ☐ 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.

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LAB Order ID # 8010905 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
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8808 Camp Bowie Blvd West, Suite 180, Ft. Worth, Texas 76116, Tel (817) 201-5260, Fax (817) 560-4336

Company Name: Mewbourne Oil Comp. Phone #:

Address: (Street, City, Zip) PO Box 5270 Hobbs, NM 88240 Fax #:

Contact Person: Robin Terrell E-mail: rterrell@valornet.com

Invoice to: (If different from above)

Project #: Project Name: Salamander 10 Fed 01

Project Location (including state): Sec 10, T17S, R26E Eddy County, NM Sampler Signature: Shelly 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
147228	Q1 - 7' Comp	1			X								X	11.29.07	1500
229	Q2. 7' Comp	1			X								X	11.29.07	1515
230	Q3. 7' Comp	1			X								X	11.29.07	1530

	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
147228																	X	X		
229																	X	X		
230																	X	X		

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
Shelly Tucker		01/08/08	17:20					
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
					JTRAC	1/8/08	17:20	4.0

LAB USE ONLY
Intact Y / N
Headspace Y / N / NA
4.0 °C
Log-in-Review KC

REMARKS: all tests - Midland

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

1/11 EP

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

Carrier # Courier

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