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

November 13, 2007

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

RE: Fast Draw 4 Federal Com 001 - Final Pit Closure

Fast Draw 4 Federal Com 001	Depth to Ground Water: 175'
API: 30-015-35599	Planned Analytical Testing: Chlorides
Sec 04-T20S-R25E	Site Ranking Score: 0 (zero)
1980' FNL & 1900' 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 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	9' 150mg/kg	Q2	9' 130mg/kg	Q3	9' 7160mg/kg 12' 4200mg/kg 15' 10000mg/kg 18' 3200mg/kg 21' 800mg/kg 24' 270mg/kg
Q4	9' 6400mg/kg 12' 270mg/kg	Q5	9' 180mg/kg		

NOTE: Some clay detected at 18'

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 Sections Q3 and Q4, the impacted material needs to be removed and transferred to the Insitu burial cell. Section Q3 needs to be removed down to 18' and Section Q4 needs to be removed down to 12'.

Pursuant to NMOCD Pit Rule 50, the impacted material in Sections Q3 and Q4 were removed and placed into the lined Insitu trench; 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 reseed 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.

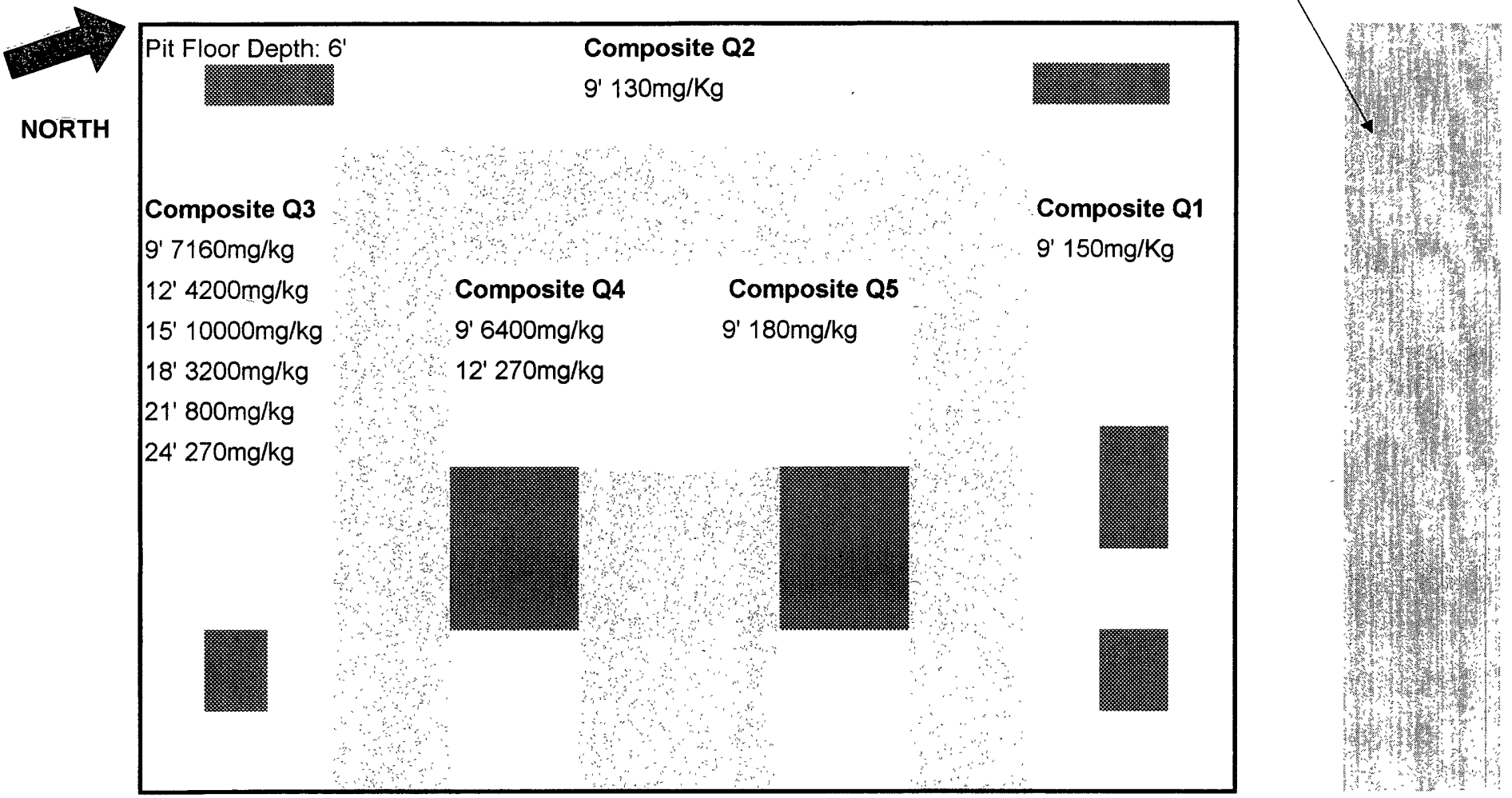
Sincerely,

Robin Terrell
Production Engineer
/sjt

Accepted for record
NMOCD

JAN 10 2008

Fast Draw 4 Federal Com 001
Field Results
Floor 11-13-07



Note: some clay detected at 18'

Valley Energy Services, Inc.

PO Box 207
Loving, NM 88256

Invoice

Date	Invoice #
11/13/2007	658

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

Terms	Rep
Due on receipt	SJT

Location
Fast Draw 4 Federal Com ...

Quantity	Item Code	Description	Price Each	Amount
4	Enviro Sampling	pulled infield samples for delineation; approval for closure was granted by Mike Bratcher of the NMOCD	70.00	280.00T
0.75	Enviro Reports		70.00	52.50T
0.5	Enviro misc	prepared, packaged and sent samples to Trace Analysis for official analyticals	70.00	35.00T
52	Mileage Charge		0.50	26.00T
		New Mexico Sales Tax	6.3125%	24.84

Total $418.34

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 20, 2007

Work Order: 7111621

Project Location: Sec 4-T20S-R25E Eddy County, NM
Project Name: Fast Draw 4 Federal Com 001
Project Number: API-30-015

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
143064	Q1-9'	soil	2007-11-13	12:45	2007-11-16
143065	Q2-9'	soil	2007-11-13	13:00	2007-11-16
143066	Q3-24'	soil	2007-11-13	14:15	2007-11-16
143067	Q4-12'	soil	2007-11-13	13:30	2007-11-16
143068	Q5-9'	soil	2007-11-13	13:15	2007-11-16

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 Fast Draw 4 Federal Com 001 were received by TraceAnalysis, Inc on 2007-11-16 and assigned to work order 7111621 Samples for work order 7111621 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 7111621 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: 143064 - Q1-9'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch	43196	Date Analyzed:	2007-11-19	Analyzed By:	ER
Prep Batch:	37262	Sample Preparation:	2007-11-19	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**68.0**	mg/Kg	10	5.00

Sample: 143065 - Q2-9'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43196	Date Analyzed:	2007-11-19	Analyzed By:	ER
Prep Batch:	37262	Sample Preparation:	2007-11-19	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<50.0	mg/Kg	10	5.00

Sample: 143066 - Q3-24'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43225	Date Analyzed:	2007-11-19	Analyzed By:	ER
Prep Batch:	37295	Sample Preparation:	2007-11-19	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**134**	mg/Kg	10	5.00

Sample: 143067 - Q4-12'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43225	Date Analyzed:	2007-11-19	Analyzed By:	ER
Prep Batch:	37295	Sample Preparation:	2007-11-19	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**72.0**	mg/Kg	10	5.00

Sample: 143068 - Q5-9'

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	43225	Date Analyzed:	2007-11-19	Analyzed By:	ER
Prep Batch:	37295	Sample Preparation	2007-11-19	Prepared By:	ER

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		**72.0**	mg/Kg	10	5.00

Method Blank (1) QC Batch: 43196

QC Batch: 43196 Date Analyzed: 2007-11-19 Analyzed By: ER
Prep Batch: 37262 QC Preparation: 2007-11-19 Prepared By: ER

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

Method Blank (1) QC Batch: 43225

QC Batch 43225 Date Analyzed: 2007-11-19 Analyzed By: ER
Prep Batch: 37295 QC Preparation: 2007-11-19 Prepared By: ER

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

Laboratory Control Spike (LCS-1)

QC Batch. 43196 Date Analyzed: 2007-11-19 Analyzed By. ER
Prep Batch 37262 QC Preparation: 2007-11-19 Prepared By: ER

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	101	mg/Kg	1	100	<3.25	101	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	101	mg/Kg	1	100	<3.25	101	96.1 - 103	0	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. 43225 Date Analyzed: 2007-11-19 Analyzed By: ER
Prep Batch: 37295 QC Preparation: 2007-11-19 Prepared By: ER

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	101	mg/Kg	1	100	<3.25	101	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	101	mg/Kg	1	100	<3.25	101	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: 143088

QC Batch: 43196 | Date Analyzed: 2007-11-19 | Analyzed By: ER
Prep Batch: 37262 | QC Preparation: 2007-11-19 | Prepared By: ER

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride [1]	648	mg/Kg	20	500	364	57	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]	652	mg/Kg	20	500	364	58	80 - 120	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: 143074

QC Batch: 43225 | Date Analyzed: 2007-11-19 | Analyzed By: ER
Prep Batch: 37295 | QC Preparation: 2007-11-19 | Prepared By: ER

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec Limit
Chloride	716	mg/Kg	10	500	270	89	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	744	mg/Kg	10	500	270	95	80 - 120	4	20

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

Standard (ICV-1)

QC Batch: 43196 | Date Analyzed: 2007-11-19 | Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2007-11-19

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

Standard (CCV-1)

QC Batch: 43196 Date Analyzed: 2007-11-19 Analyzed By: ER

Param	Flag	Units	CCVs True Conc	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.6	99	85 - 115	2007-11-19

Standard (ICV-1)

QC Batch: 43225 Date Analyzed: 2007-11-19 Analyzed By: ER

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.6	99	85 - 115	2007-11-19

Standard (CCV-1)

QC Batch: 43225 Date Analyzed: 2007-11-19 Analyzed By: ER

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	2007-11-19

LAB Order ID # 7111621 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 Company (Puc) Phone #:

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

Contact Person: Robin Terrell E-mail: Sheeley + Robin

Invoice to: (If different from above)

Project #: API - 30 015 - Project Name: East Draw 4 Federal Com 6H

Project Location (including state): Sec 4 T26S 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
143064	Q1 -9'	1			X								X	11/6/07	1245
65	Q2 -9'	1			X								X	11/6/07	1300
66	Q3 -24'	1			X								X	11/6/07	1415
67	Q4 -12'	1			X								X	11/6/07	1320
68	Q5 -9'	1			X								X	11/6/07	1315

	MTBE 8021B / 602 / 8260B / 624	BTEX 302 B / 302 / 3260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 3015 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 3082 / 608	Pesticides 8081A / 608	BOD TSS pH	Moisture Content	Chloride					Turn Around Time if different from standard	Hold
143064																		X	X				48 hr	
65																		X	X					
66																		X	X					
67																		X	X					
68																		X	X					

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
Sherry Tucker	MES	11.15.07	1400		FEDEX	11-15-07	1400	
Relinquished By:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°C:
						11/16/07	1120	2.0

LAB USE ONLY

Intact (Y) / N

Headspace Y / N / (NA)

Log in Review

REMARKS: 48 hr TAT

- [ ] 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 # 799710102-70

ORIGINAL COPY

LAB Order ID # 7111621

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 Company (MOC)

Phone #:

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

Fax #:

Contact Person: Robin Terrell

E-mail: Shelley + Robin

Invoice to: (If different from above)

Project #: API - 30-015 -

Project Name: East Draw 4 Federal Com 001

Project Location (including state): Sec 4 - T20S R25E Eddy County, NM

Sampler Signature: Shelley Tucker

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	WATER	SOIL	AIR	SLUDGE	HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	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
143064	Q1 - 9'	1			X								X	11.13.07	1245																	•	X	48-72 hr	
65	Q2 - 9'	1			X								X	11.13.07	1300																	•	X		
66	Q3 - 24'	1			X								X	11.13.07	1415																	•	X		
67	Q4 - 12'	1			X								X	11.13.07	1330																	•	X		
68	Q5 - 9'	1			X								X	11.13.07	1315																	•	X		

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°c:
Shelley Tucker	VES	11.15.07	1400		FedEx	11.15.07	1400	
				[signature]		11/16/07	1120	20

LAB USE ONLY

Intact (Y) / N

Headspace Y / N / (NA)

Log-in-Review [initials]

REMARKS: 48-72 hr 11/20 EP

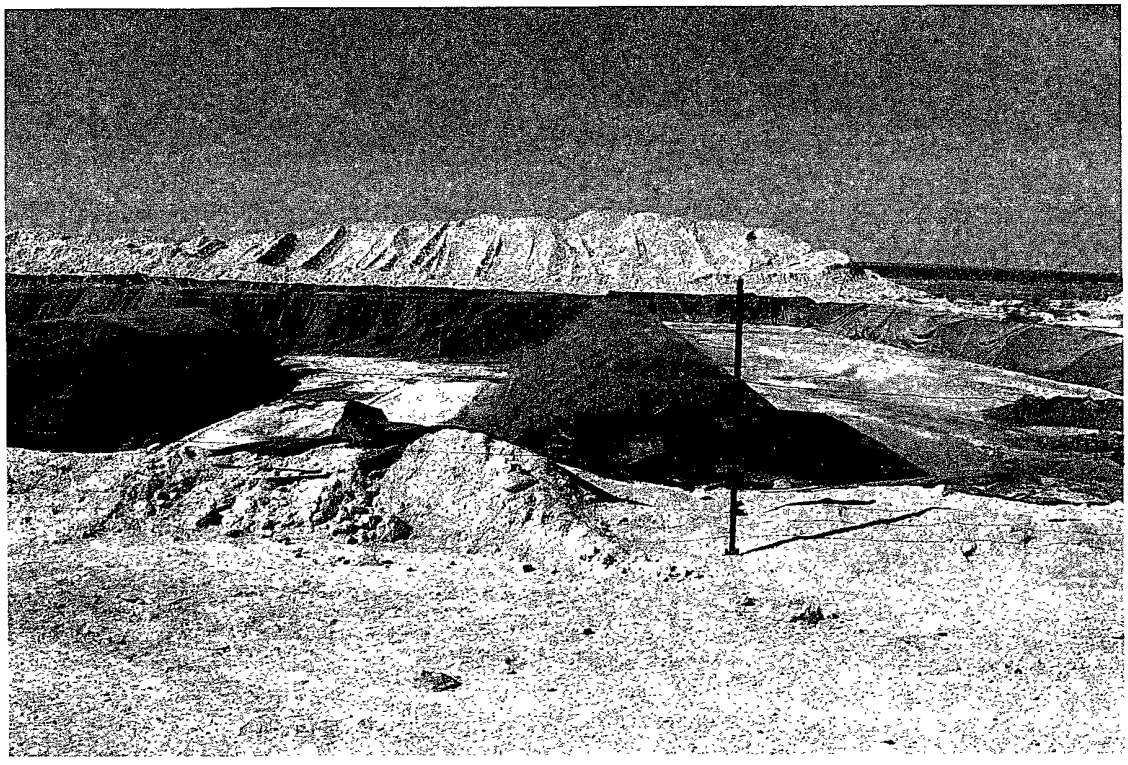
- ☐ Dry Weight Basis Required
- ☐ TRRP Report Required
- ☐ Check If Special Reporting Limits Are Needed

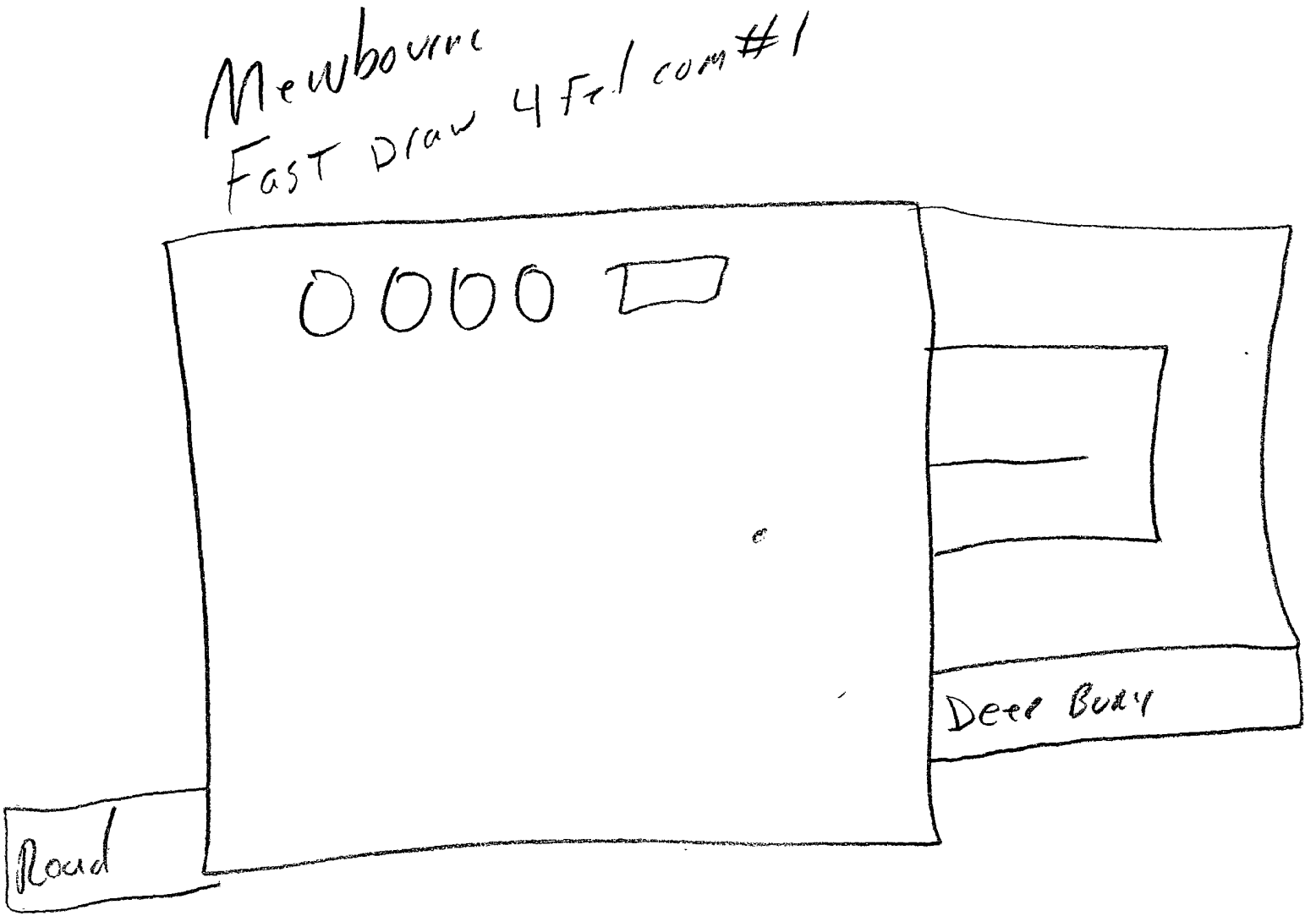
Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

Carrier # 799710110270

ORIGINAL COPY


MEWBOURNE OIL COMPANY
FAST DRAW "4" FEDERAL COM #1
1980' FNL & 1900' FWL
SEC. 4, T20S, R25E
EDDY COUNTY, NEW MEXICO
LEASE #NM-14758




Newbourne
Fast Draw 4 Fr. Com #1
Deer Body
Road