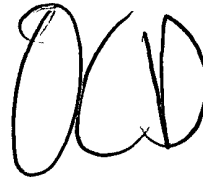


Robin Terrell
Mewbourne Oil Company
PO Box 5270
Hobbs, New Mexico 88241

December 03, 2007

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



APR - 2 2008
OCD-ARTESIA

RE: Wesson 33 Federal 001 - Final Pit Closure

Wesson 33 Federal 001	Depth to Ground Water: 75'+/-
API: 30-015-35266	Planned Analytical Testing: Chlorides
Sec 31-T19S-R29E	Site Ranking Score: 0 (zero)
0660' FSL & 0810' 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 reserve pit. The field results of chloride delineation of the impacted material are as follows (a diagram has also been attached):

Q1	9' 310mg/kg	Q2	9' 400mg/kg	Q3	9' 280mg/kg
Q4	9' 11000mg/kg	Q5	9' 18000mg/kg		
	11' 1400mg/kg (solid rock)		12' 15000mg/kg		
	12' 180mg/kg		14' 19000mg/kg		
			15' 1260mg/kg (solid rock)		
			16' 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 the following stipulations:

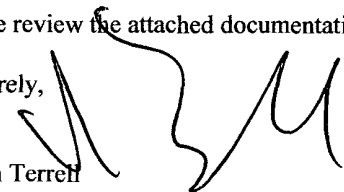
Due to the impact in Sections Q4 and Q5, the impacted material needs to be removed to a depth of 11' in Section Q4 and 15' in Section Q5. Section Q5 will be excavated and lined with a 12mil liner. The impacted material to be removed in Sections Q4 and Q5 will then be placed back into the lined Insitu in Section Q5 and capped with a 20mil cap.

Pursuant to NMOCD Pit Rule 50, the impacted material in Sections Q4 and Q5 were removed as per the stipulation; a 20mil liner was placed on top of the Insitu trench to seal in the impacted soils and the stiffened drill cuttings. The reserve pit floor 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,

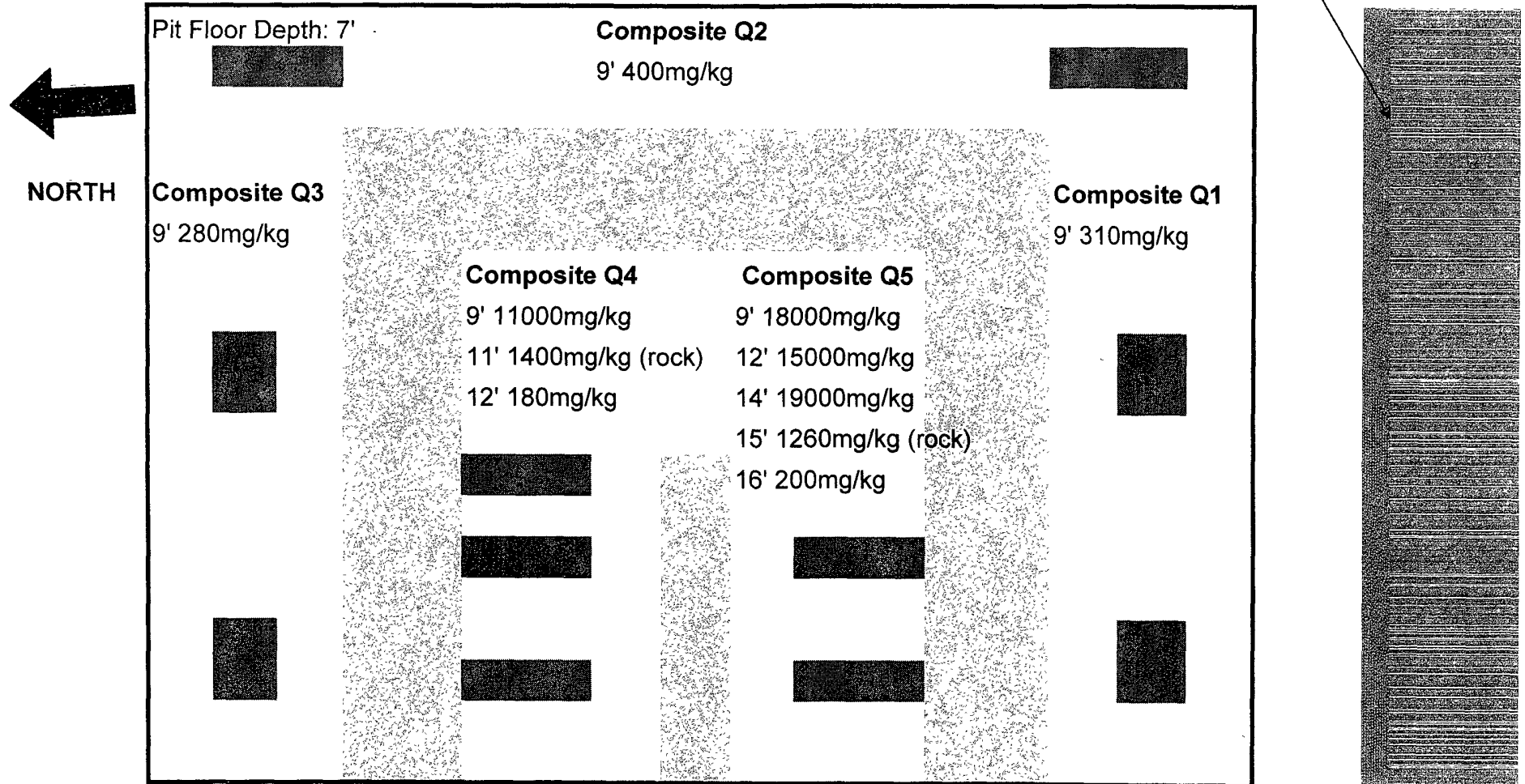

Robin Terrell
Production Engineer

/sjt

Accepted for record APR 09 2008
NMOCD

Signed By 

Wesson 33 Federal 001
Field Results
Floor 12-03-07



Note: some clay detected at 18'

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-1
June 1, 2

For drilling and production facilities, submit 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 ☒

OCT 30 2007

OCD-ARTESIA

Operator: MEUBOURNE Oil Company Telephone: 505-393-5915 e-mail address: _____
Address: 701 S. CEDIL Hobbs, NM 88240
Facility or well name: WESSON 33 PED #1 API #: 30-015-35266 U/L or Qtr/Qtr P Sec 33 T 19S R 29
County: EDDY Latitude N32°36'44.9 Longitude W104°04'27.8 NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>5,000</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> 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 (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (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 (20 points) No (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points)
Ranking Score (Total Points) <u>10</u>	

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: Pit Contents will be excavated from the Pit Area. Soil will be tested by lab, if contamination is confirmed further remediation will be conducted, along to guidelines. A trench will be dug & lined with a impervious 20mil liner. All the excavated material will be placed on top and encapsulated. Pit will then be backfilled and contoured with 3' of soil capable of supporting native plant growth and prevent erosion and ponding of rain.

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: 10-19-07

Printed Name/Title: JEFF RAINES / AGENT

Signature: [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 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.

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.

Signature: [Signature]

Signed By: [Signature]

Date: OCT 30 2007

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

Summary Report

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

Report Date: January 11, 2008

Work Order: 8010831



Project Name: Wesson 33 Fed 001
Project Number: API-30-015-35266

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
147199	Q1-9'-comp	soil	2007-12-03	10:00	2008-01-08
147200	Q2-9'-comp	soil	2007-12-03	10:30	2008-01-08
147201	Q3-9'-comp	soil	2007-12-03	11:00	2008-01-08
147202	Q4-12'-comp	soil	2007-12-03	12:00	2008-01-08
147203	Q5-16'-comp	soil	2007-12-03	13:00	2008-01-08

Sample: 147199 - Q1-9'-comp

Param	Flag	Result	Units	RL
Chloride		158	mg/Kg	2.00

Sample: 147200 - Q2-9'-comp

Param	Flag	Result	Units	RL
Chloride		234	mg/Kg	2.00

Sample: 147201 - Q3-9'-comp

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

Sample: 147202 - Q4-12'-comp

Param	Flag	Result	Units	RL
Chloride		1510	mg/Kg	2.00

Sample: 147203 - Q5-16'-comp

Report Date: January 11, 2008
API-30-015-35266

Work Order: 8010831
Wesson 33 Fed 001

Page Number: 2 of 2

Param	Flag	Result	Units	RL
Chloride		137	mg/Kg	2.00

TRACE ANALYSIS, INC.

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

800•378•1296
888•588•3443

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

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: 8010831



Project Name: Wesson 33 Fed 001
Project Number: API-30-015-35266

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
147199	Q1-9'-comp	soil	2007-12-03	10:00	2008-01-08
147200	Q2-9'-comp	soil	2007-12-03	10:30	2008-01-08
147201	Q3-9'-comp	soil	2007-12-03	11:00	2008-01-08
147202	Q4-12'-comp	soil	2007-12-03	12:00	2008-01-08
147203	Q5-16'-comp	soil	2007-12-03	13:00	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 6 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 Wesson 33 Fed 001 were received by TraceAnalysis, Inc on 2008-01-08 and assigned to work order 8010831. Samples for work order 8010831 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 8010831 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: 147199 - Q1-9'-comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	44554	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38370	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		158	mg/Kg	50	2.00

Sample: 147200 - Q2-9'-comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	44554	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38370	Sample Preparation:		Prepared By:	AR

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		234	mg/Kg	50	2.00

Sample: 147201 - Q3-9'-comp

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	44554	Date Analyzed:	2008-01-10	Analyzed By:	AR
Prep Batch:	38370	Sample Preparation:		Prepared By:	AR

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

Sample: 147202 - Q4-12'-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		1510	mg/Kg	50	2.00

Sample: 147203 - Q5-16'-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		137	mg/Kg	50	2.00

Method Blank (1) QC Batch: 44554

QC Batch: 44554 Date Analyzed: 2008-01-10 Analyzed By: AR
Prep Batch: 38370 QC Preparation: 2008-01-10 Prepared By: AR

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

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: 44554 Date Analyzed: 2008-01-10 Analyzed By: AR
Prep Batch: 38370 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.

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	LCS/D 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: 147201

QC Batch: 44554 Date Analyzed: 2008-01-10 Analyzed By: AR
Prep Batch: 38370 QC Preparation: 2008-01-10 Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	4990	mg/Kg	50	5000	<25.0	100	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	5040	mg/Kg	50	5000	<25.0	101	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 Date Analyzed: 2008-01-10 Analyzed By: AR
Prep Batch: 38371 QC Preparation: 2008-01-10 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: 44554 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	99.2	99	85 - 115	2008-01-10

Standard (CCV-1)

QC Batch: 44554 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

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

NEWBOURNE OIL COMPANY
WESSON "33" FEDERAL #1
660' ESL & 810' FEL
SEC. 33, T19S, R29E
EDDY CO., NM #NM-90807



