Mr. Robin Terrell
Mewbourne Oil Company
POB 5270
Hobbs, New Mexico 88240

OCD Copy

29 September 2007

Mr. Mike Bratcher
OIL CONSERVATION DIVISION
1301 West Grand Ave.
Artesia, NM 88210

Re: Closure Statement for Browning "9" Federal # 1 30-015-34398

Dear Mr.Bratcher:

Mewbourne Oil Company (MOC) has closed the drilling pit on the above mentioned wellsite. The contents of the pit were placed in an onsite encapsulation trench that met all rules and regulations set by the NMOCD. After the pit contents were placed in the trench a 3rd party company ran field test and recovered soil samples from the pit floor. Mike Bratcher w/ NMOCD gave verbal permission to close the pit in the following manner.

Material in cell 5 (South inside leg) was placed in the insitu trench and used for stiffening material to a depth of 15'. Material in cell 4 (North inside leg) was removed and placed in the insitu trench and also used for additional stiffening material to a depth of 12'. The outside reserve showed no contamination and was therefore closed as it was. The pit was then contoured back to the original topography. The pit was closed on 9/28/07.

Sincerely,

Robin Terrell
Production Engineer

Enclosure: Lab analysis of soil samples, pictures, C-144, Initial closure plan, pit schematic.

Accepted for record
NMOCD

E

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First Street, 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 ☒

Operator: Mewbourne Oil Co. Telephone: (505)393-5905 e-mail address:
Address: P.O. Box 5270 Hobbs NM 88241
Facility or well name: Browning 9 Fed #1 API #: 30-015-34398 U/L or Qtr/Qtr M Sec 9 T 20S R 29E
County: Eddy Latitude N32°35'02.0" Longitude W104°05'07.5" 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 ____ 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 50'-75'	(20 points) (10 points) 10 (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) 0
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 (0 points)
	Ranking Score (Total Points)	10

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 N/A. (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 N/A ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavation.

Additional Comments: Refer to Attached Pit Closure Plan

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: 5/24/07
Printed Name/Title Dusty L. Wilson/Field Agent Signature Dusty L. Wilson

Your certification and NMOCD approval of this application 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.

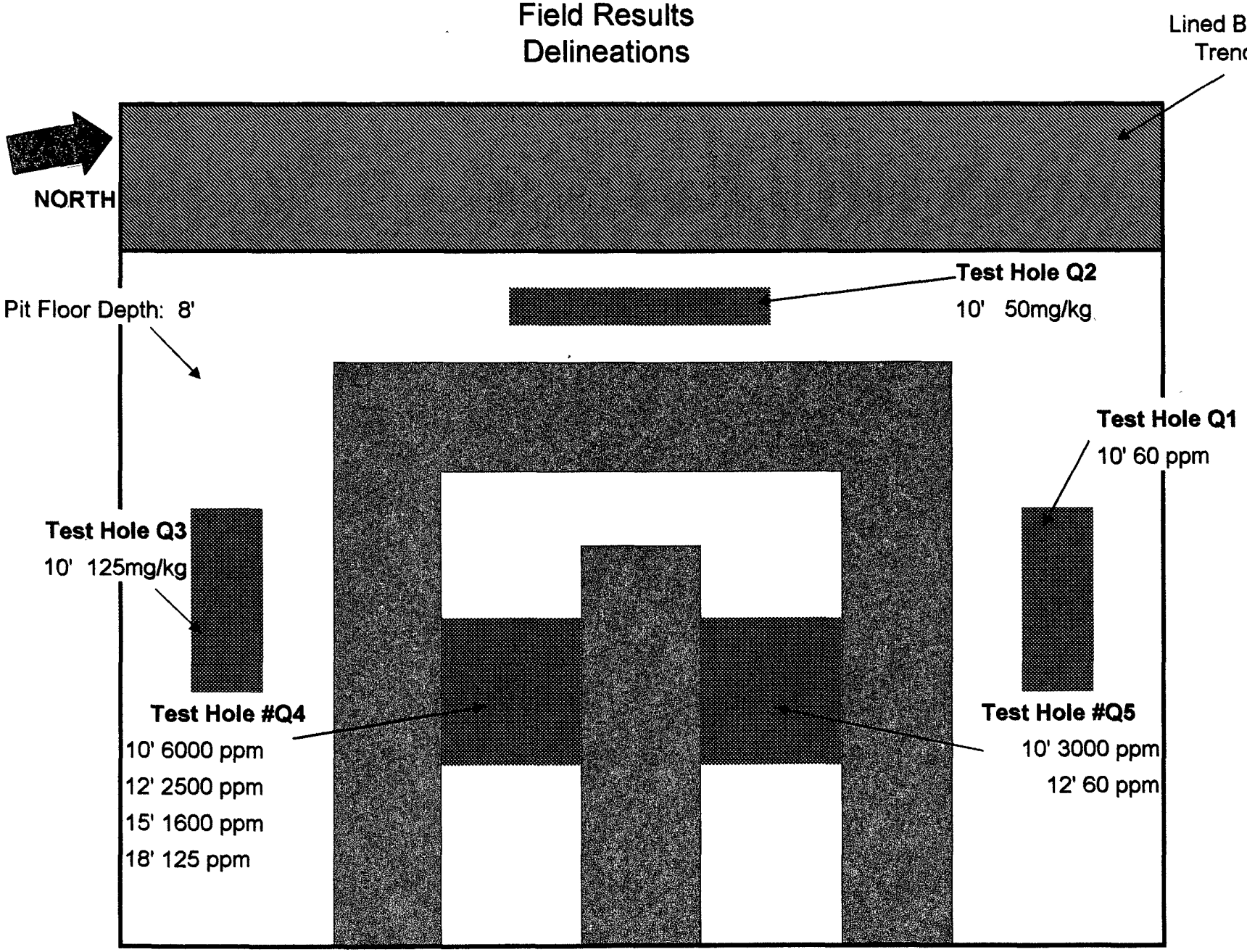
Approval:
Printed Name/Title _____ Signature Mike Bratcher Date: 6/4/07

Notify OCD 24 hours prior to beginning pit closure.

— Samples are to be obtained from pit area and analysis submitted to NMOCD prior to back-filling

2

Browning 9 Federal # 1
Field Results
Delineations



Hobbs, NM

Off 505.392.2594
Fax 505.392.3085

New Mexico Environmental Services
Hobbs, New Mexico
Reserve Pit Remediation

SURFACE PIT CLOSURE PLAN

PIT PARAMETERS

COMPANY: Mewbourne Oil Co.
WELL SITE: Browning 9 Fed #1
LEGAL DESCRIPTION: Unit M Sec 9 T20s R29e, 1150 FSL 990 FWL, Eddy co.

The reserve pit inset on this leasehold is being permitted to close as per New Mexico OCD "Pit and Below Grade Tank Guidelines" dated November 1, 2004.

This pit was excavated and formed to the dimensions roughly 150' X 150' X 6' deep. A 12 mil membrane liner and pad was used to prevent leakage to the surface soils. A visual examination of the membrane liner indicates that the liner had maintained its integrity.

After the drilling and completion phase of this project, the water phase of the pit contents were pumped and hauled to an approved water injection facility. It is estimated that the volume of solids remaining are to +/- 1800 yards. The burial cell is to be excavated and lined with a minimum 12 mil membrane that complies with ASTM Standards: D-5747, D-5199, D-5994, and D-4833. The cuttings will be loaded as to allow for > 36" freeboard to ground level. After the cuttings are loaded the 12 mil liner will be folded over the top, and a 20 mil minimum thickness liner meeting the minimum requirements as outlined in ASTM Standard Methods: D-5747, D-5199, D-5994, D-4833; will be used to cap and cover to an extended area that exceeds three feet in all directions from the

edge of the burial cell. This cap will be constructed as to slope and allow for water runoff from burial cell.

A minimum of 36" of top soil will be used to cover the burial cell. This soil must be capable of supporting plant growth. A seed mixture will be used as to conform to local BLM and OCD requirements.

After the drilling solids are buried, the natural contour of the surrounding soils will be mechanically shaped as to prevent erosion of the well site until vegetation is established.

NEW MEXICO ONE CALL
Locate Request Confirmation

Ticket #:2007330017 Reason Code:STANDARD LOCATE
Work to Begin Date: 08/15/2007 Time: 07:23:00 AM

CALLER INFORMATION

MARLAENA LEWIS Excavator Type:CONTRACTOR
NEW MEXICO ENVIRONMENTAL SERVICES Tel.:(505)392-8584

DIG LOCATION

City:RURAL EDDY
Subdivision:
Address : To:
Street : *BROWNING 9 FED #1
Nearest Intersecting Street :

Second Intersecting Street :

Additional Dig Information:
W0708130655290 FROM EAST BYPASS AND 62/180 IN CARL SBAD, GO E ON 62/180 APPROX. 8 MI TO MAGNUM RD. GO N ON MAGNUM APPROX 7 MI TO BURTON FLAT RD. GO E 2MI TURN N ON LEASE RD AND GO 1.2 MI. TURN N 0.4 MI TURN E 0.3 MI ONTO LOCATION.

Remarks: LAT:N32*35'01.9" LONG:W104*05'07.5 SPOT 600FT RADIUS OF WELLHEAD.

Township: 20S Range: 29E Section 1/4: 09 SW

Type of Work: DEEP BURY RESERVE PIT

The following utility owners have been notified of your proposed excavation site:
DCP MIDSTREAM - CARLSBAD
ENTERPRISE FIELD SERVICES - CARLSBAD
GASCO CARLSBAD

IMPORTANT CONFIRMATION NOTICE

Your fax request has been received and processed. It is your responsibility to review the information provided on this faxback confirmation ticket and ensure it has been correctly interpreted from your request. Notify us immediately of any corrections or errors. Acceptance of this faxback confirmation ticket means you accept responsibility for the accuracy of the information contained in the ticket and you agree to indemnify New Mexico One Call Systems, Inc. of all liability, claims, fees, or damages, including reasonable attorney fees arising from or resulting from the use of the information provided on this confirmation ticket.

New Mexico Law requires you to wait two working days from the date and

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

Dusty Wilson
New Mexico Environmental
P.O. Box 310
Hobbs, NM, 88241

Report Date: September 4, 2007

Work Order: 7083015

Project Location: Sec 9 T20S R24E
Project Name: Mewbourne Browning
Project Number: API #30-015-34348

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
134957	S1NLOP	soil	2007-08-28	13:05	2007-08-30
134958	S2WLOP	soil	2007-08-28	13:28	2007-08-30
134959	S3SLOP	soil	2007-08-28	13:45	2007-08-30
134960	S4SLIP	soil	2007-08-29	09:05	2007-08-30
134961	S5WLIP	soil	2007-08-29	09:32	2007-08-30
134962	S6WLIP Deliniated	soil	2007-08-29	10:05	2007-08-30
134963	S7SWBG Back Ground	soil	2007-08-29	10:40	2007-08-30

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 Mewbourne Browning were received by TraceAnalysis, Inc. on 2007-08-30 and assigned to work order 7083015. Samples for work order 7083015 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 7083015 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: 134957 - S1NLOP

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	40717	Date Analyzed:	2007-09-03	Analyzed By:	JS
Prep Batch:	35205	Sample Preparation:	2007-08-31	Prepared By:	JS

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**20.1**	mg/Kg	4	5.00

Sample: 134958 - S2WLOP

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	40717	Date Analyzed:	2007-09-03	Analyzed By:	JS
Prep Batch:	35205	Sample Preparation:	2007-08-31	Prepared By:	JS

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**23.2**	mg/Kg	4	5.00

Sample: 134959 - S3SLOP

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	40717	Date Analyzed:	2007-09-03	Analyzed By:	JS
Prep Batch:	35205	Sample Preparation:	2007-08-31	Prepared By:	JS

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**124**	mg/Kg	20	5.00

Sample: 134960 - S4SLIP

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	40717	Date Analyzed:	2007-09-03	Analyzed By:	JS
Prep Batch:	35205	Sample Preparation:	2007-08-31	Prepared By:	JS

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		<100	mg/Kg	20	5.00

Sample: 134961 - S5WLIP

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	40717	Date Analyzed:	2007-09-03	Analyzed By:	JS
Prep Batch:	35205	Sample Preparation:	2007-08-31	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<100	mg/Kg	20	5.00

Sample: 134962 - S6WLIP Deliniated

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	40717	Date Analyzed:	2007-09-03	Analyzed By:	JS
Prep Batch:	35205	Sample Preparation:	2007-08-31	Prepared By:	JS

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

Sample: 134963 - S7SWBG Back Ground

Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	40717	Date Analyzed:	2007-09-03	Analyzed By:	JS
Prep Batch:	35205	Sample Preparation:	2007-08-31	Prepared By:	JS

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		<20.0	mg/Kg	4	5.00

Method Blank (1) QC Batch: 40717

QC Batch:	40717	Date Analyzed:	2007-09-03	Analyzed By:	JS
Prep Batch:	35205	QC Preparation:	2007-08-31	Prepared By:	ER

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

Laboratory Control Spike (LCS-1)

QC Batch:	40717	Date Analyzed:	2007-09-03	Analyzed By:	JS
Prep Batch:	35205	QC Preparation:	2007-08-31	Prepared By:	ER

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	99.8	mg/Kg	1	100	<3.25	100	90 - 110

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	97.1	mg/Kg	1	100	<3.25	97	90 - 110	3	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: 134963

QC Batch: 40717 | Date Analyzed: 2007-09-03 | Analyzed By: JS
Prep Batch: 35205 | QC Preparation: 2007-08-31 | Prepared By: ER

Param		MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	[1]	208	mg/Kg	4	400	<13.0	52	84.6 - 117

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]	202	mg/Kg	4	400	<13.0	50	84.6 - 117	3	20

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

Standard (ICV-1)

QC Batch: 40717 | Date Analyzed: 2007-09-03 | Analyzed By: JS

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	2007-09-03

Standard (CCV-1)

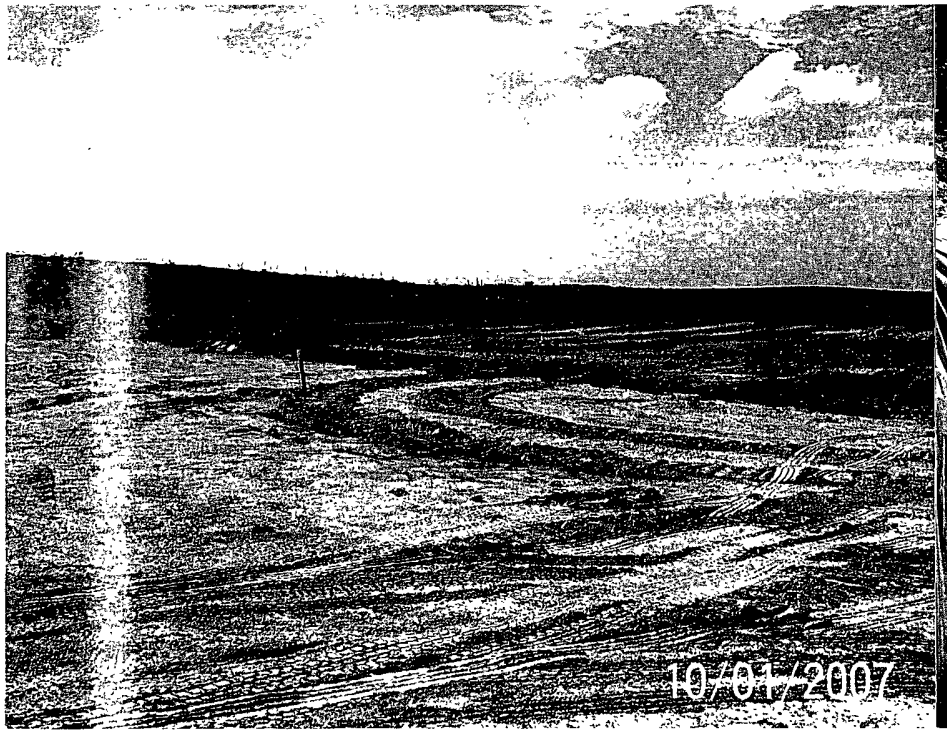
QC Batch: 40717 | Date Analyzed: 2007-09-03 | Analyzed By: JS

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	2007-09-03

[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.


MEWBOURNE OIL COMPANY
BROWNING "9" FEDERAL #1
1150' FSL & 990' FWL
SEC. 9, T20S, R29E
EDDY COUNTY, NEW MEXICO
LEASE #NM-0556290


06/21/2007


10/01/2007


08/21/2007