

015-34104

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

13 September 2007

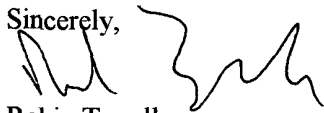
Mr. Mike Bratcher  
OIL CONSERVATION DIVISION  
1301 West Grand Ave.  
Artesia, NM 88210

Re: Closure Statement for Pine Box "21" Fed Com # 1

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 soil samples were taken from the pit floor. Samples showed minimal amounts of contamination and was extremely rocky. Mike Bratcher w/ NMOCD granted verbal permission to close the pit by blending the floor. The pit was then contoured back to the original topography. The pit was closed on 7/23/07.

Sincerely,



Robin Terrell  
Production Engineer

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

Accepted for record  
NMOCD

(2)

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

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

Form C-144  
June 1, 2004

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 ☒

Month - Year

OCD - ALBUQUERQUE, NM

Operator: Muenbourne Oil Co. Telephone: (505) 373-5905 e-mail address: N/A  
Address: Box 5270 Hobbs NM 88241  
Facility or well name: Pine Box 21 Fed Gen#1 (API #: 30-015-39104) UEL or QUL: D Sec: 21 T: 20 S R: 25 E  
County: Eddy Latitude: N32° 33' 46.0" Longitude: W104° 29' 38.2" NAD: 1927 ☐ 1983 ☐  
Section Owner: Federal ☒ State ☐ Private ☐ Indian ☐

<b>FR</b> Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Wellcover <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"/> FR Volume: <u>    </u> bbl		<b>Below-grade tank</b> Volume: <u>    </u> bbl Type of fluid: <u>    </u> Construction material: <u>    </u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: <u>    </u>	
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)		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 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 excavations.

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: 5/8/07

Printed Name/Title: Dusty Wilson / Training 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 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: Mike Brannen Signature: [Signature] Date: 5/11/07

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

## **SURFACE PIT CLOSURE PLAN**

### **PIT PARAMETERS**

**COMPANY:** Mewbourne Oil Co.

**WELL SITE:** *Pine Box 21 Fed. Com. #1*

**LEGAL DESCRIPTION:** Unit D Sec 21 T20s R25e,  
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

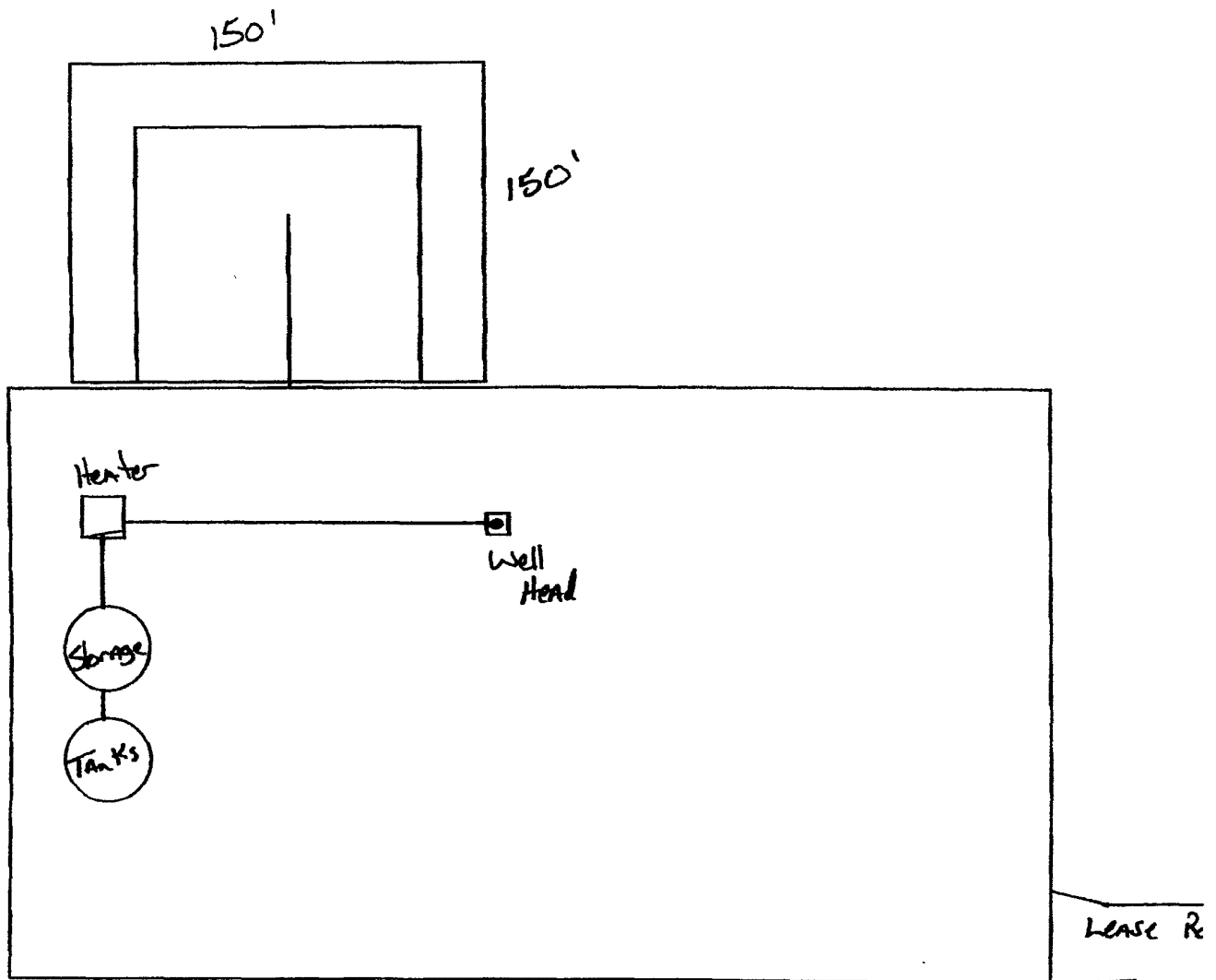
edge of the burial cell. This cap will be constructed as to slope and allow for water runoff from burial cell.

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.

## LOCATION DIAGRAM

Mewbourne Oil, Pine Box 21 Fed. Com. #1  
API #30-015-34104  
V-DOOR-SOUTH



Report Date: July 12, 2007  
 Api #30-015-349104

Work Order: 7071119  
 Newbourn Pine Box 21 Fed #1

Page Number: 1 of 2  
 B10/N 1310/W Sec 21 T20SR25E NM

## Summary Report

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

Report Date: July 12, 2007

Work Order: 7071119



Project Location: B10/N 1310/W Sec 21 T20SR25E NM  
 Project Name: Newbourn Pine Box 21 Fed #1  
 Project Number: Api #30-015-349104

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
129555	Sample #001 SW 1/4	soil	2007-07-09	14:30	2007-07-11
129556	Sample #002 SE 1/4	soil	2007-07-09	14:47	2007-07-11
129557	Sample #003 NE 1/4	soil	2007-07-09	15:05	2007-07-11
129558	Sample #004 NW 1/4	soil	2007-07-09	15:22	2007-07-11
129559	Sample #005 BG	soil	2007-07-09	14:00	2007-07-11

### Sample: 129555 - Sample #001 SW 1/4

Param	Flag	Result	Units	RL
Chloride		1060	mg/Kg	5.00

### Sample: 129556 - Sample #002 SE 1/4

Param	Flag	Result	Units	RL
Chloride		2190	mg/Kg	5.00

### Sample: 129557 - Sample #003 NE 1/4

Param	Flag	Result	Units	RL
Chloride		985	mg/Kg	5.00

### Sample: 129558 - Sample #004 NW 1/4

Param	Flag	Result	Units	RL
Chloride		1280	mg/Kg	5.00

### Sample: 129559 - Sample #005 BG

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296  
 This is only a summary. Please, refer to the complete report package for quality control data.

07/11/2007 WED 23:30 [TX/RX NO 7354] 003

Report Date: July 12, 2007  
Api #30-015-349104

Work Order: 7071119  
Newbourne Pine Box 21 Fed #1

Page Number: 2 of 2  
B10/N 1310/W Sec 21 T20SR25E NM

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	5.00

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*This is only a summary. Please, refer to the complete report package for quality control data.*

NEW MEXICO ONE CALL  
Locate Request Confirmation

Ticket #:2007233448

Work to Begin Date:

06/11/2007

Reason Code:STANDARD LOCATE

Time: 02:55:00 PM

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CALLER INFORMATION

DUSTY WILSON

NEW MEXICO ENVIRONMENTAL SERVICES LLC

Excavator Type:HOMEOWNER

Tel.:(505)631-8154

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DIG LOCATION

City:RURAL EDDY

Subdivision:

Address : To:

Street : \*PINE BOX 17 FED #1

Nearest Intersecting Street :

Second Intersecting Street :

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Additional Dig Information:

W0706071449030 FROM CARLSBAD & N TRUCK BYPASS &  
285 GO N ON 285 FOR 14M TO WHITE PINE RD T/W 4M,  
T/N ON PICKET RD .5M, T/W GO .9M, T/S .2M TO  
LOCATION.

Remarks: LAT:N32-34'5.7" LONG:W104-30'6.9" SPOT 400' RADIUS  
OF CENTER HOLE

Township: 20S Range: 25E Section 1/4: 17 SE

Type of Work: RECLAMATION OF PIT

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The following utility owners have been notified of  
your proposed excavation site:

AGAVE ENERGY COMPANY

PENASCO VALLEY TELEPHONE CO-OP, INC

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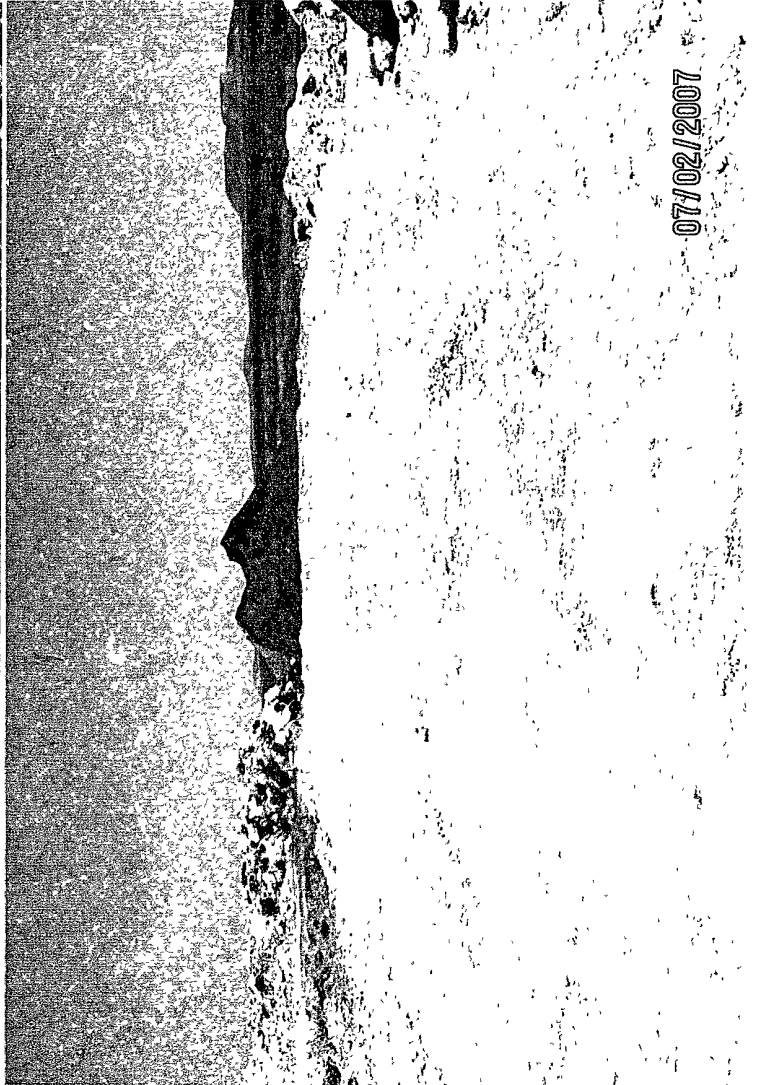
IMPORTANT CONFIRMATION NOTICE

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 time of this confirmation notice before you begin excavation. This request is valid for ten working days. Only the facility owners listed

06/07/2007 THU 02:12 [TX/RX NO 7264] 001







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

015-35016

August 21, 2007

OLD COPY

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

RE: Geronimo 24 Federal 002- Final Pit Closure

**Geronimo 24 Federal 002**  
API: 30-015-35016  
24-18S-31E  
885 FSL & 940 FWL

Depth to Ground Water: 275'  
Planned Analytical Testing: Chlorides  
Site Ranking Score: 0 (zero)  
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 on the south end of the reserve pit after analytical chloride tests were performed and showed the area to be within acceptable limits of chlorides. 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 directly beneath the lined drill pit area. The field results of chloride delineation of the impacted material are as follows:

Northwest	9' 2550mg/kg	Northeast	9' 2680mg/kg
	12' 750mg/kg		12' 200mg/kg
	15' 100mg/kg		
Center North	9' 2600mg/kg	Center South	9' 11,500mg/kg
	12' 150mg/kg		15' 4500mg/kg
			18' 160mg/kg
Southwest	9' 200mg/kg	Southeast	9' 1300mg/kg
			12' 200mg/kg


After field tests were performed, Mike Bratcher of the New Mexico Oil Conservation Division (NMOCD) was contacted. Approval for closure was granted, pursuant to the impacted material from the "center south" section be removed to the depth of 15 feet and placed in the lined Insitu burial trench. *for stiffening material.*

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.

Pursuant to NMOCD Pit Rule 50 a 20mil HDPE liner was placed on the 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 native seed mixture.

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

/sjt



Report Date: September 7, 2007

Work Order: 7090628

Page Number: 1 of 2

Geronimo 24 Fed #2

Eddy County, NM

## Summary Report

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

Report Date: September 7, 2007

Work Order: 7090628



Project Location: Eddy County, NM  
Project Name: Geronimo 24 Fed #2

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
135435	NW-15'	soil	2007-08-21	09:00	2007-09-06
135436	NC-12'	soil	2007-08-21	09:30	2007-09-06
135437	NE-12'	soil	2007-08-21	10:00	2007-09-06
135438	SW-9'	soil	2007-08-21	09:00	2007-09-06
135439	SC-18'	soil	2007-08-21	11:00	2007-09-06
135440	SE-12'	soil	2007-08-21	11:30	2007-09-06

**Sample: 135435 - NW-15'**

Param	Flag	Result	Units	RL
Chloride		107	mg/Kg	5.00

**Sample: 135436 - NC-12'**

Param	Flag	Result	Units	RL
Chloride		55.7	mg/Kg	5.00

**Sample: 135437 - NE-12'**

Param	Flag	Result	Units	RL
Chloride		94.2	mg/Kg	5.00

**Sample: 135438 - SW-9'**

Param	Flag	Result	Units	RL
Chloride		124	mg/Kg	5.00

**Sample: 135439 - SC-18'**

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296

*This is only a summary. Please, refer to the complete report package for quality control data*

Report Date: September 7, 2007

Work Order: 7090628  
Geronimo 24 Fed #2Page Number 2 of 2  
Eddy County, NM

Param	Flag	Result	Units	RL
Chloride		64.0	mg/Kg	5.00

Sample: 135440 - SE-12'

Param	Flag	Result	Units	RL
Chloride		97.9	mg/Kg	5.00

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 NMOC 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 ☒

JUL 31 2007

OCD-ARTESIA

Operator: <u>Mowbourne Oil Co.</u> Telephone: <u>505-393-5915</u> e-mail address: _____				
Address: <u>701 S. Cecil Hobbs NM 88240</u>				
Facility or well name: <u>Heronimo #2</u> API #: <u>30-015-350116</u> U/L or Qtr/Qtr <u>M</u> Sec <u>24</u> T <u>18</u> S <u>R31</u> E				
County: <u>Eddy</u> Latitude <u>N 32° 43' 41.5"</u> Longitude <u>W 103° 49' 41.2"</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>				
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>				
<table border="1"> <tr> <td> <b>Pit</b>  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>5200</u> bbl </td> <td> <b>Below-grade tank</b>  Volume: _____ bbl Type of fluid: _____  Construction material: _____  Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____ </td> </tr> </table>			<b>Pit</b> 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>5200</u> bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____
<b>Pit</b> 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>5200</u> bbl	<b>Below-grade tank</b> 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)	<u>250'</u>		
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)	<u>No</u>		
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)	<u>1000 feet or more</u>		
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: Closure work plan for drilling pit. Category 2 location: The drilling pit contents will be excavated from the pit area.
If there is evidence of contamination, the soil will be tested by lab and if contamination is confirmed, further remediation will be conducted according to guidelines. A trench will be installed. The trench will be lined with a 20-mil impervious liner and the excavated material will be placed on top and encapsulated.
The excavated pit will be backfilled with clean soil and the pit area as well as the trench will be covered and contoured with three feet of soil or like material capable of supporting native plant growth to prevent erosion and ponding of rainwater.
A one call and a 48 hour notice will be provided to the Oil Conservation Division.

Pit was closed 8/2/07

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 NMOC guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

Date: 7-30-07 Printed Name/Title: JEFF RAINES / AGENT MOWBOURNE Signature: [Signature]

Your certification and NMOC 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.

Signed By: [Signature]

Notify OCD 24 hours prior to beginning closure.

Date: JUL 31 2007

Samples are to be obtained from Pit area and analysis submitted to NMOC prior to back-filling. NOTIFY NMOC 24 HOURS PRIOR TO OBTAINING SAMPLES.

If burial trench is constructed in pit area - Sample analyses are to be submitted to NMOC PRIOR to lining the trench.

Valley Energy Services, Inc.

PO Box 207  
Loving, NM 88256

# Invoice

Date	Invoice #
8/21/2007	586

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

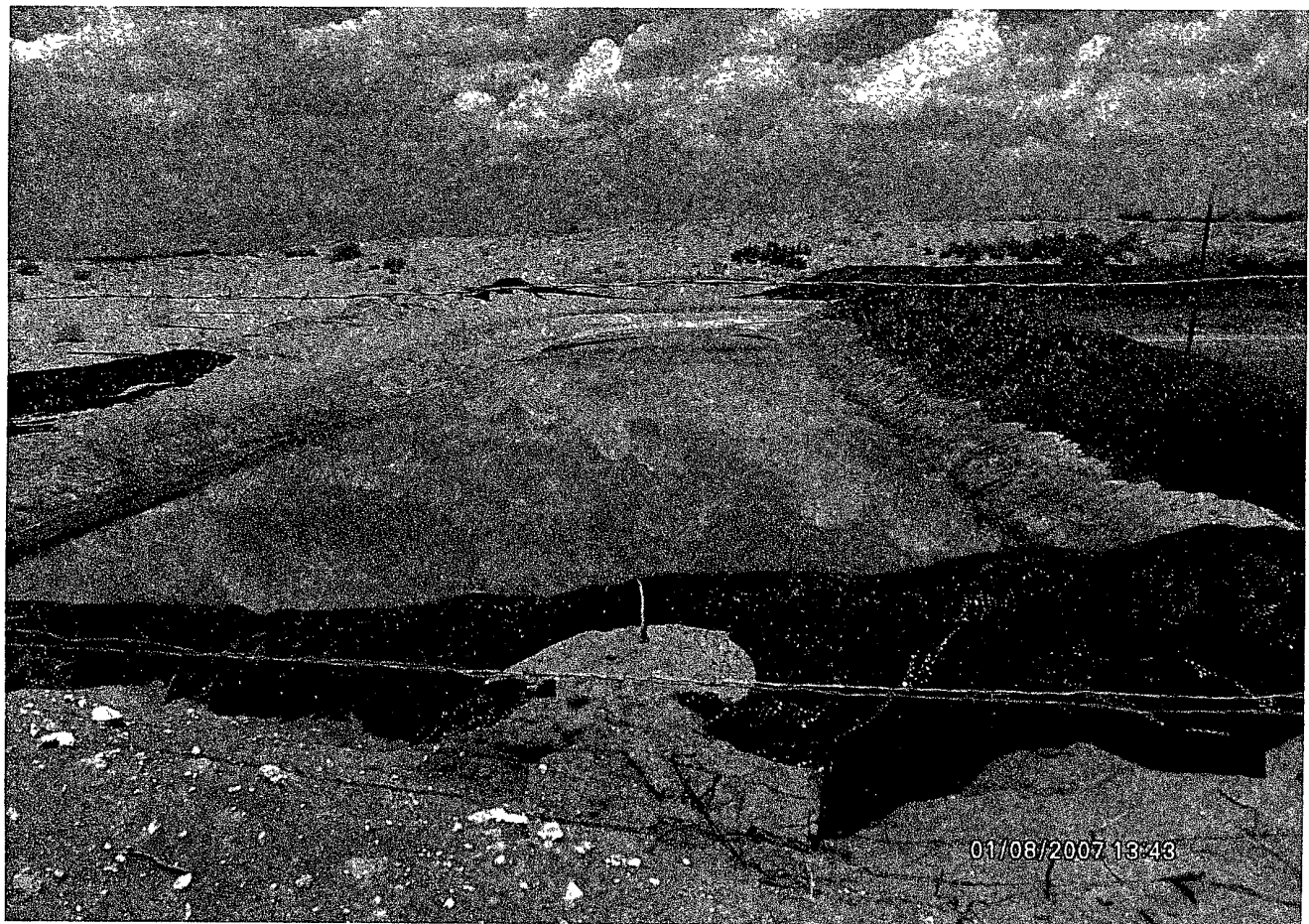
Terms	Rep
Due on receipt	SJT

Location
Geronimo 24 Federal 002

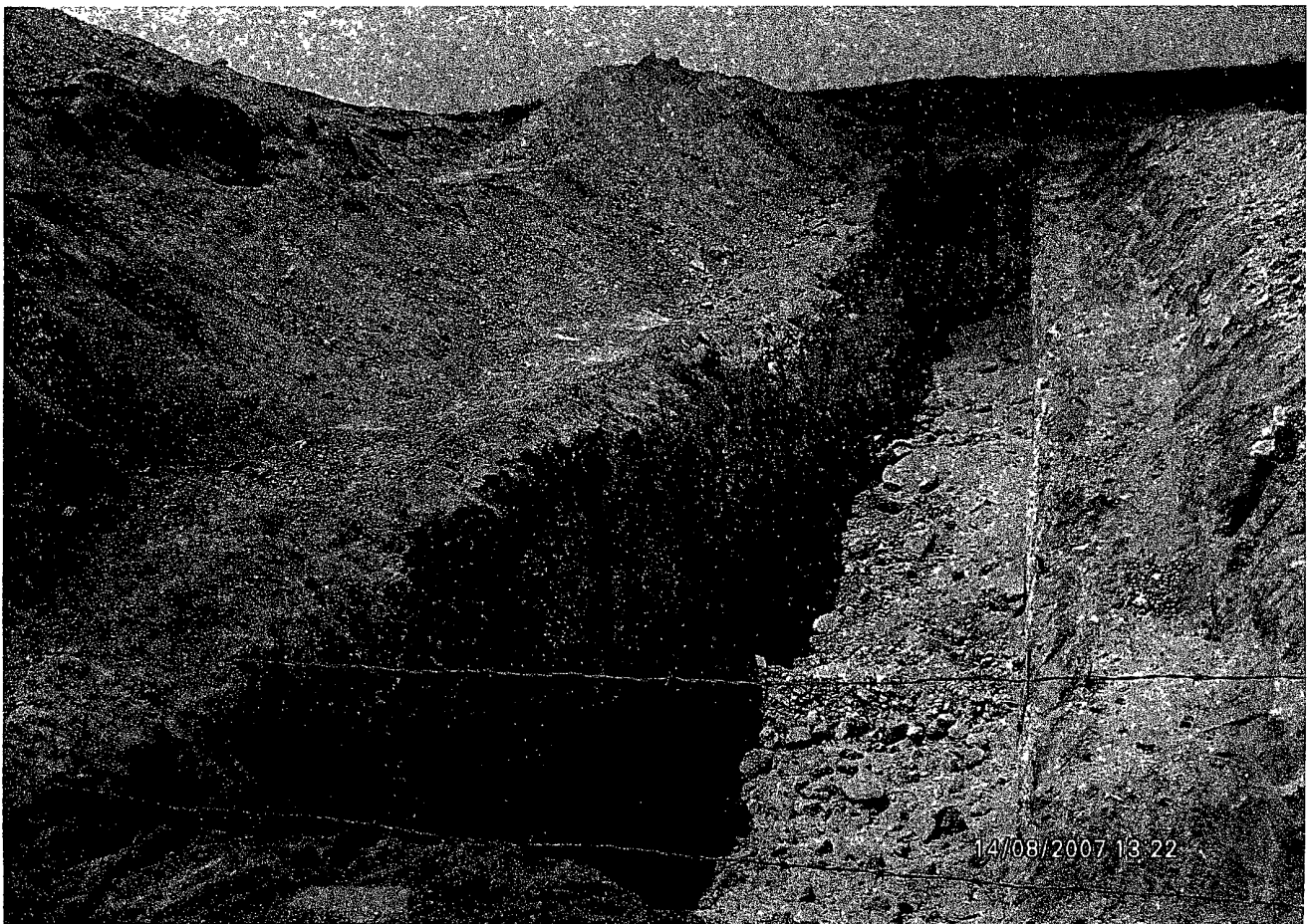
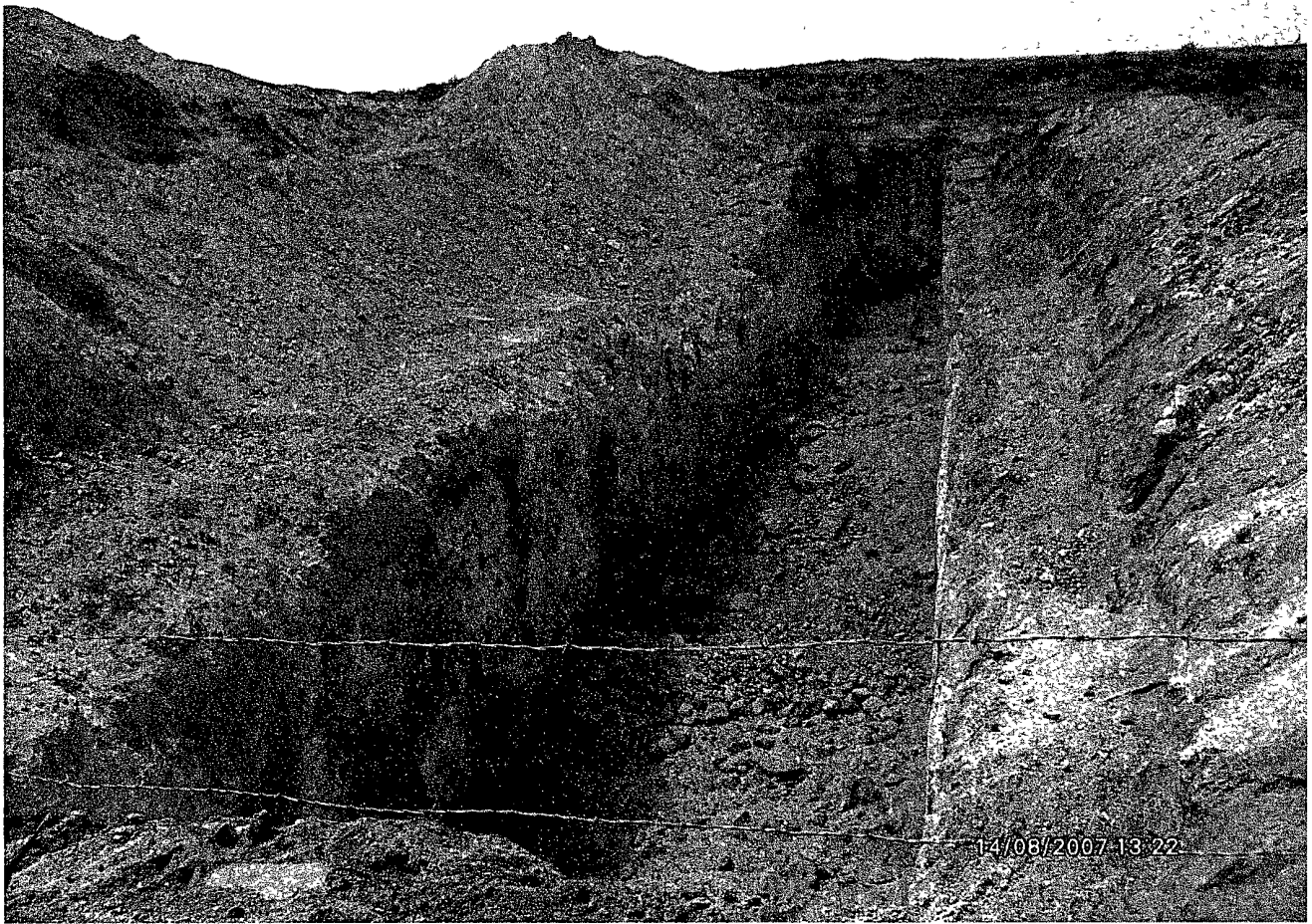
Quantity	Item Code	Description	Price Each	Amount
4.5	Enviro Sampling	Pulled field samples from open pit, performed field analyticals	65.00	292.50T
1	Enviro Consulting	report	65.00	65.00T
1	Enviro Sampling	Prepared and sent soil samples to Trace Analysis	65.00	65.00T
48	Mileage Charge		0.50	24.00T
		New Mexico Sales Tax	6.3125%	28.19
D322/RT				
			<b>Total</b>	\$474.69

MEWBOURNE OIL COMPANY  
GERONIMO "24" FEDERAL #2  
885' FSL & 940' FWL  
SEC. 24, T18S, R31E  
EDDY COUNTY, NEW MEXICO  
LEASE #NMLC-065680

01/03/2007 13:35

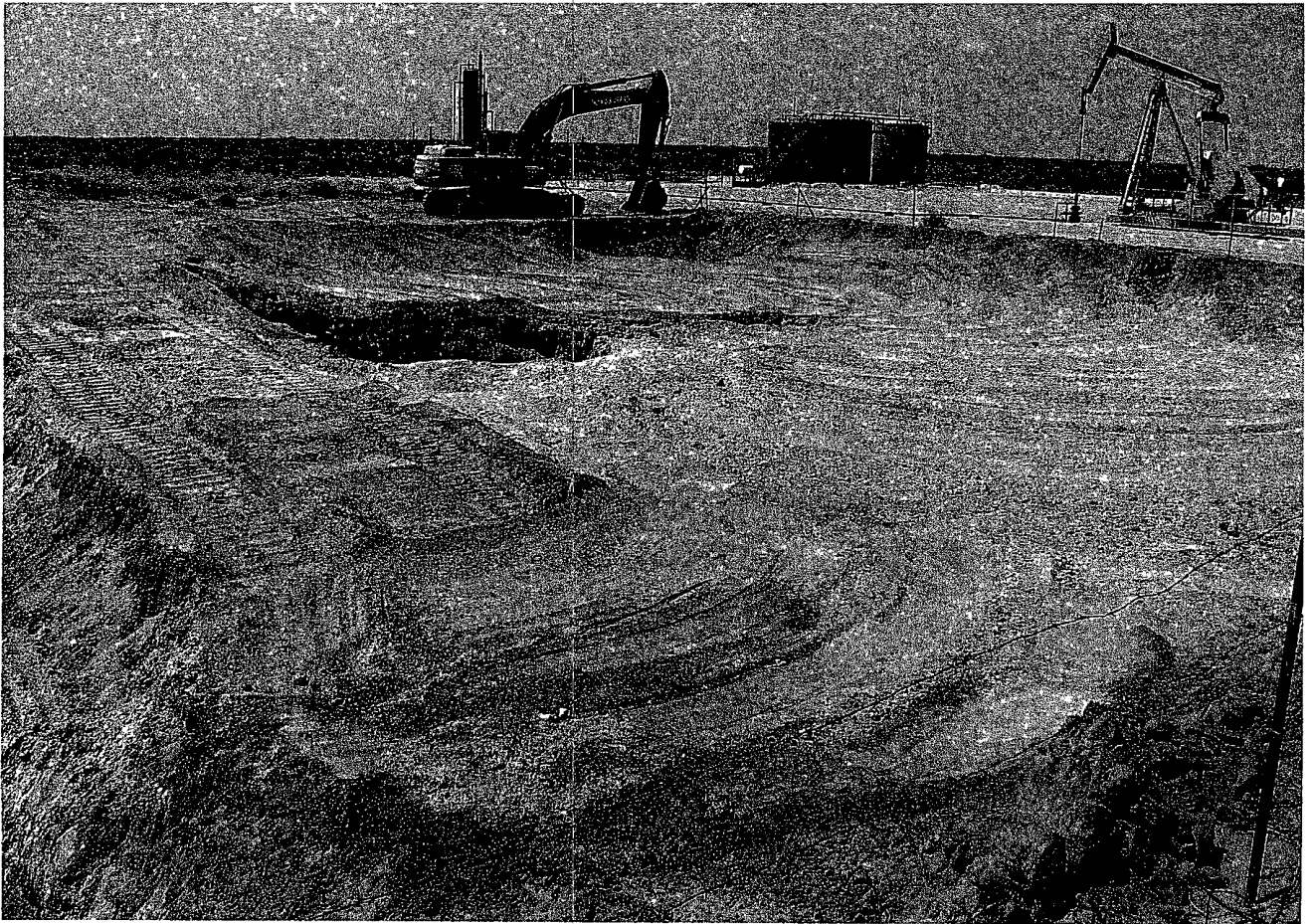
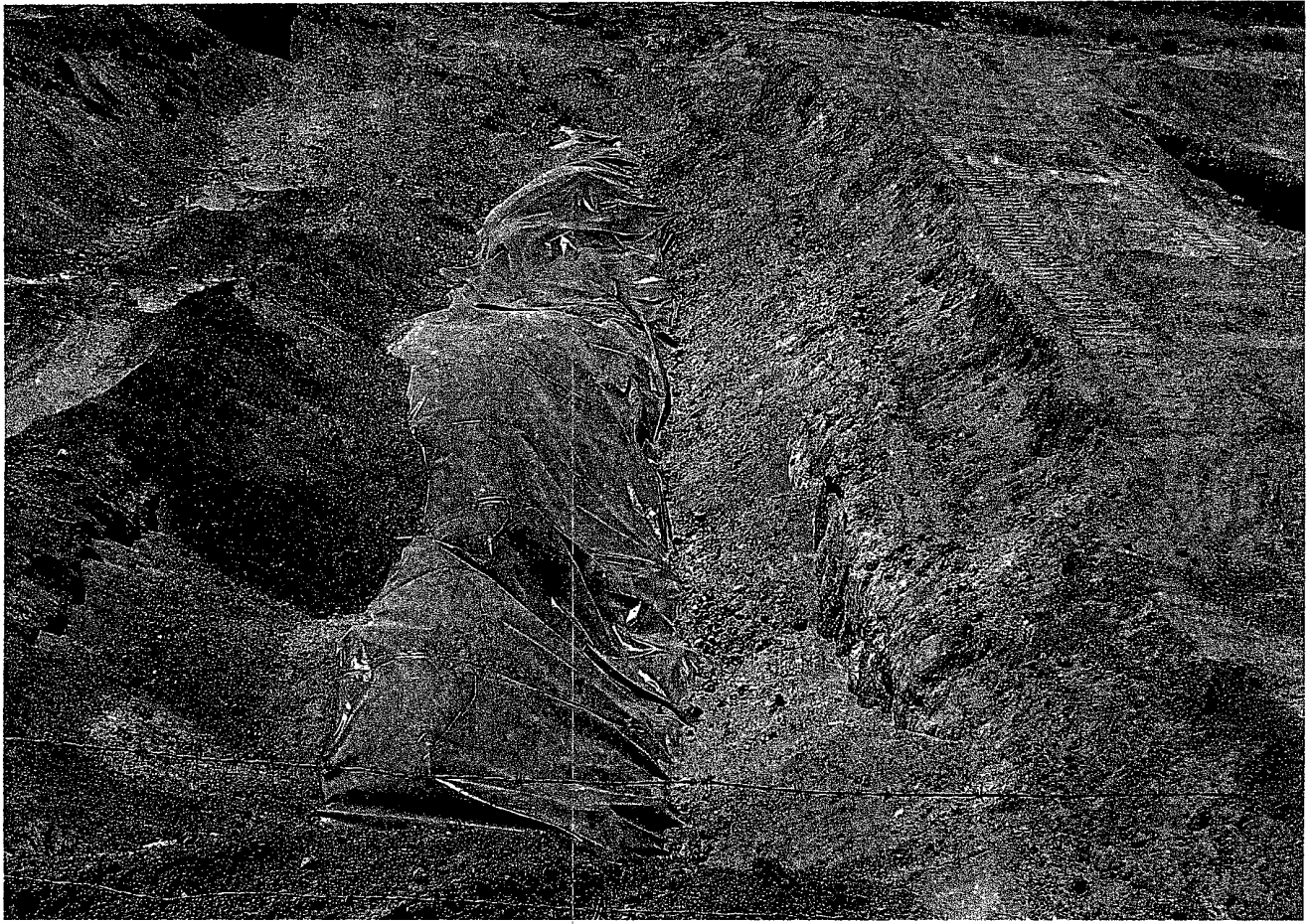














# ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
GCI SWEATT CONSTRUCTION  
ATTN: JESSE RODRIGUEZ  
720 S. TEXACO ROAD  
HOBBS, NM 88240  
FAX TO: (505) 391-9895

*Samples f/ bottom  
of insitu pit*

Receiving Date: 08/13/07  
Reporting Date: 08/13/07  
Project Owner: NEWBOURNE  
Project Name: DEEP BURY PIT CENTER  
Project Location: GERONIMO 24 FED COM 2

Analysis Date: 08/13/07  
Sampling Date: 08/11/07  
Sample Type: SOIL  
Sample Condition: INTACT  
Sample Received By: NF  
Analyzed By: KS

LAB NUMBER	SAMPLE ID	Cl <sup>-</sup> (mg/Kg)
H13074-1	NW	80
H13074-2	S	64
H13074-3	NE	48
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods	4500-Cl <sup>-</sup> B
--------------------------	------------------------

Note: Analyses performed on 1:4 w:v aqueous extracts

*[Signature]*  
Chemist

08-13-07  
Date

H13074 SWEATT

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



**(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020**

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>[Signature]</i>		Date: _____	Received By: _____	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Time: _____		Time: _____		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Relinquished By: _____		Date: <i>8-13-07</i>	Received By: <i>[Signature]</i>	REMARKS: _____	
Time: <i>855 AM</i>					
Delivered By: (Circle One)		Sample Condition		CHECKED BY:	
Sampler - UPS - Bus - Other: _____		Cool Intact		(Initials)	
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<i>[Initials]</i>	
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476