

1R - 427-340

REPORTS

DATE:

3-23-11

1R427-340

EME Jct. L-21

2010

RECEIVED

APR - 1 2011

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

CLOSURE



# EME JCT. L-21

Unit L, Section 21, T19S, R37E



Site before excavation

4/22/2010



6" blow sand pad below plastic liner

5/26/2010



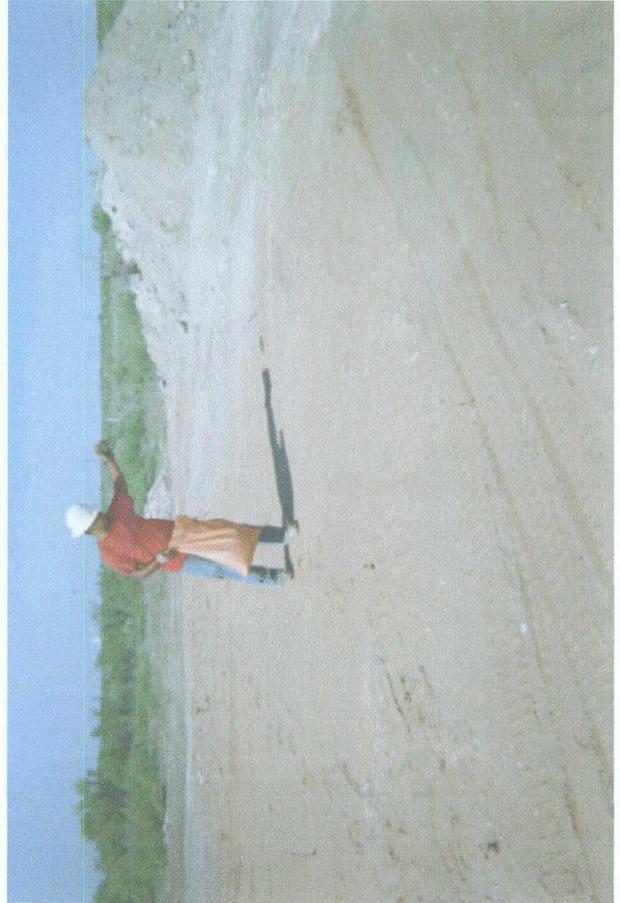
Plastic liner installed

5/26/2010



6" blow sand pad above plastic liner

5/26/2010



Seeding site

6/01/2010

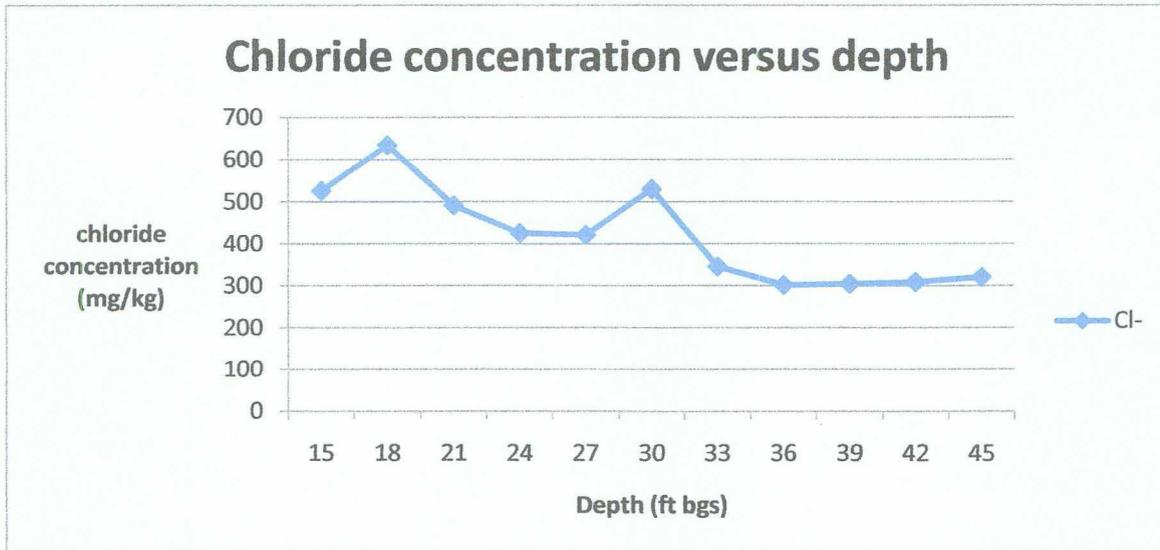


Drilling soil bore

6/11/2010



Depth (feet)	chloride field tests	LAB	PID	Description	Lithology	Well Construction
39 ft	305		0	36 - 45 ft SAND tan to red		
42 ft	309		0			
45 ft	321	Cl- 224	0			
		GRO <10				
		DRO <10				



COPY





# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (575) 393-9174 FAX: (575) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 927041	EXPIRATION DATE: 11-16-12
FILL DATE: 11-17-09	METER READING ACCURACY: 100

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	L-21	L	21	195	37E

SAMPLE ID	PID	SAMPLE ID	PID
SB #1			
15'	0.9		
18'	0.6		
21'	0.4		
24'	0.6		
27'	0.2		
30'	0.3		
33'	0.2		
36'	0.1		
39'	0		
42'	0		
45'	0		

COPY

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATURE:

DATE: 10-11-10



ANALYTICAL RESULTS FOR  
 RICE OPERATING COMPANY  
 ATTN: BRUCE BAKER  
 112 W. TAYLOR  
 HOBBS, NM 88240

Receiving Date: 05/18/10  
 Reporting Date: 05/20/10  
 Project Number: NOT GIVEN  
 Project Name: EME JCT. L-21 (19/37)  
 Project Location: EME JCT. L-21 (19/37)

Sampling Date: 05/17/10  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: JH  
 Analyzed By: AB/HM

	GRO	DRO	
	(C <sub>6</sub> -C <sub>10</sub> )	(>C <sub>10</sub> -C <sub>28</sub> )	Cl*
LAB NUMBER SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)

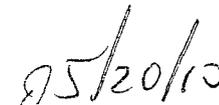
ANALYSIS DATE	05/19/10	05/19/10	05/18/10
H19915-1 5PT. BOTTOM COMP @ 12'	<10.0	<10.0	576
H19915-2 4-WALL COMP.	<10.0	72.6	800
H19915-3 BLENDED BACKFILL	<10.0	16.6	400
Quality Control	499	489	500
True Value QC	500	500	500
% Recovery	99.8	97.8	100
Relative Percent Difference	0.3	1.1	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

\*Analyses performed on 1:4 w:v aqueous extracts.

Reported on wet weight.

  
 \_\_\_\_\_  
 Chemist

  
 \_\_\_\_\_  
 Date

**COPY**

H19915 TCL RICE

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# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (575) 393-9174 FAX: (575) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

✓

Model: PGM 7300    Serial No: 590-000183  
 Model: PGM 7300    Serial No: 590-000508  
 Model: PGM 7300    Serial No: 590-000504


Model: PGM 7600    Serial No: 110-023920  
 Model: PGM 7600    Serial No: 110-013744  
 Model: PGM 7600    Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <b>928547</b>	EXPIRATION DATE: <b>2-4-2013</b>
FILL DATE:	METER READING ACCURACY: <b>99.8 PPM</b>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<i>EME</i>	<i>L-21</i>	<i>L</i>	<i>21</i>	<i>T195</i>	<i>R37E</i>

SAMPLE ID	PID	SAMPLE ID	PID
<i>20' South 2</i>	<i>220.1</i>	<i>5 FT Bottom</i>	<i>2.9</i>
<i>4</i>	<i>169.3</i>	<i>4 Wall comp.</i>	<i>3.5</i>
<i>6</i>	<i>66.6</i>	<i>Blended Backfill</i>	<i>2.3</i>
<i>8</i>	<i>50.9</i>		
<i>10</i>	<i>99.1</i>		
<i>12</i>	<i>87.2</i>		
<i>20' East 2</i>	<i>0.4</i>		
<i>4</i>	<i>0.4</i>		
<i>6</i>	<i>0.5</i>		
<i>8</i>	<i>0.6</i>		
<i>10</i>	<i>0.5</i>		
<i>12</i>	<i>0.5</i>		

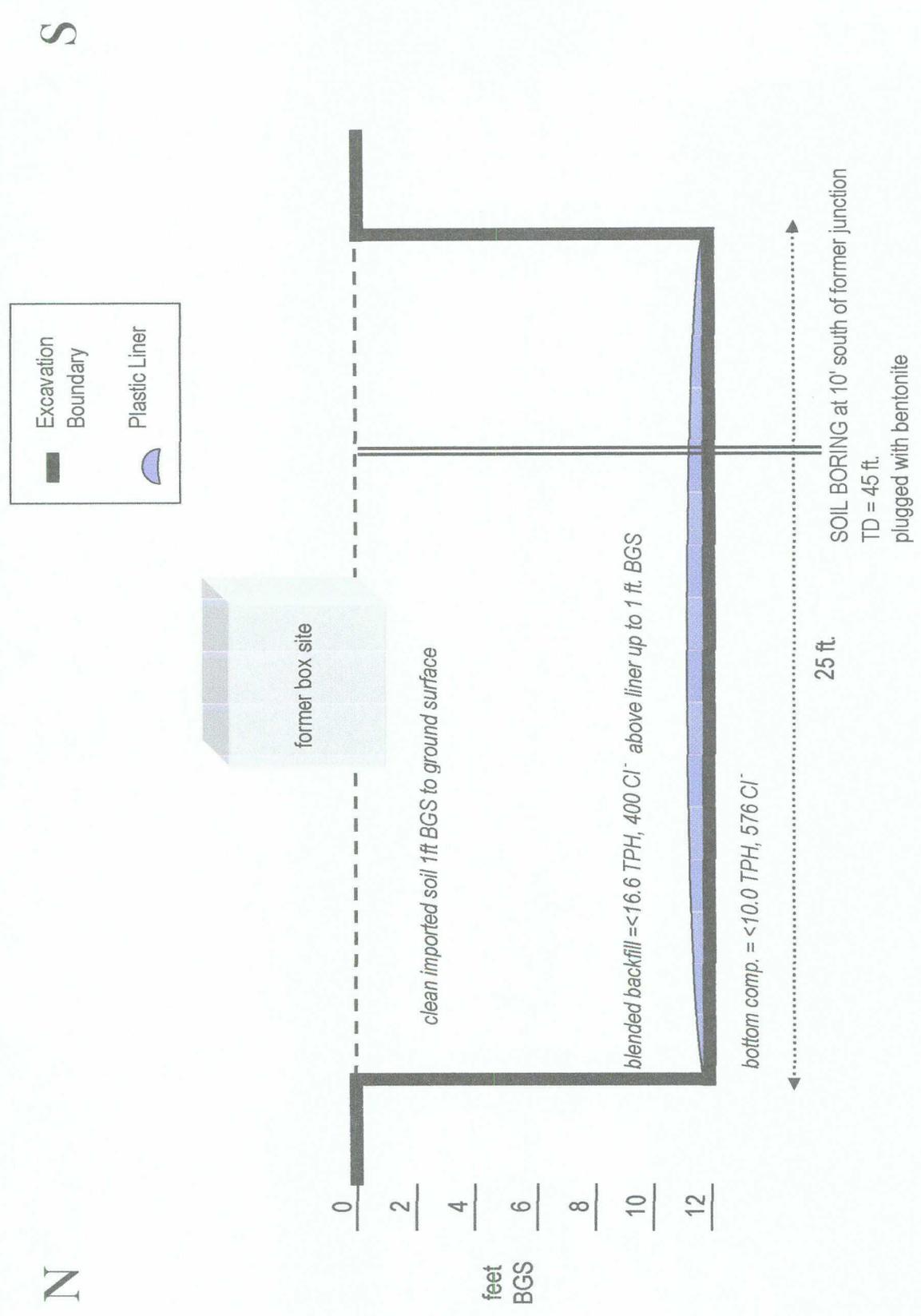
I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATURE: *Gerardo Martinez*

DATE: *5-17-10*

BD Jct. L-21  
Unit 'L', Sec. 21, T19S, R37E

### Excavation Cross-Section

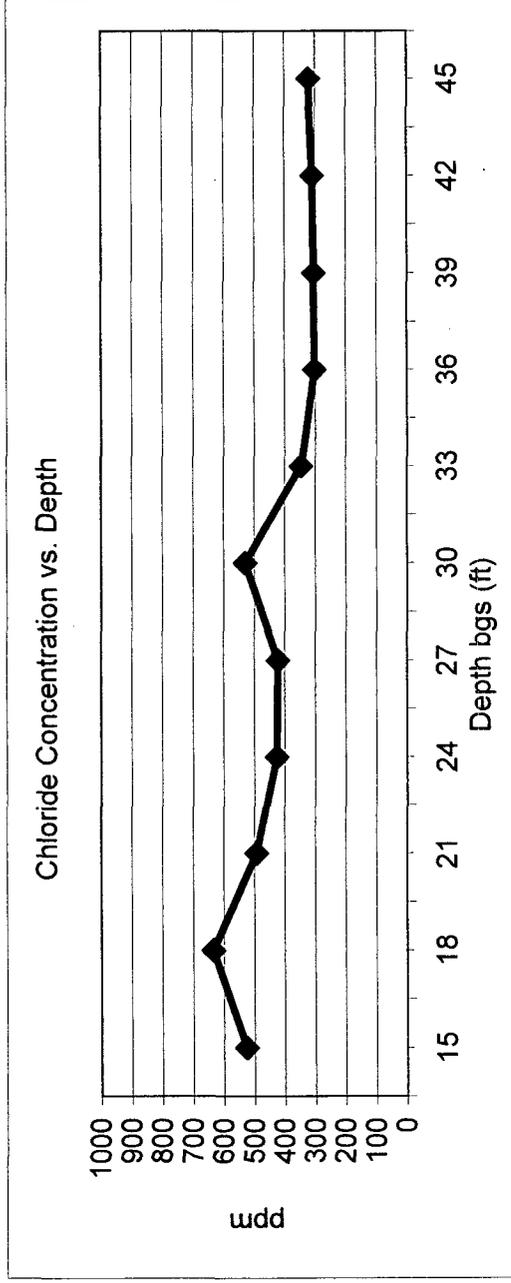


**EME Jct. L-21**

Unit 'L', Sec. 21, T19S, R37E

Soil bore 10 ft. south of former junction box (source)

Depth bgs (ft)	[Cl] ppm
15	526
18	635
21	492
24	426
27	422
30	530
33	346
36	302
39	305
42	309
45	321



Groundwater = 47 ft.