

1R - 427-336

REPORTS

DATE:

1-31-11

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1R427-336

EME Jct. P-17

2010

RECEIVED

APR - 1 2011

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

CLOSURE

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice-Monument-Eumont (EME)	Jct. P-17	P	17	21S	36E	Lea	Eliminated		

LAND TYPE: BLM \_\_\_ STATE \_\_\_ FEE LANDOWNER Monty Marton OTHER \_\_\_\_\_

Depth to Groundwater 170 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 5/11/2010 Date Completed 5/11/2010 OCD Witness no

Soil Excavated 3.3 cubic yards Excavation Length 5 Width 3 Depth 6 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

**FINAL ANALYTICAL RESULTS:** Sample Date 5/11/2010 Sample Depth 6 ft.

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 6' GRAB	4.0	<10.0	20.2	64

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	83
vertical delineation trench at the junction (source)	2'	151
	3'	143
	4'	87
	5'	270
	6'	165

**General Description of Remedial Action:** This junction box and line were eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x6-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 6 ft. BGS was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 7/13/2010, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

enclosures: photos, lab results, PID field screenings, chloride curve

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Gerardo Martinez SIGNATURE *Gerardo Martinez* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 1-31-11

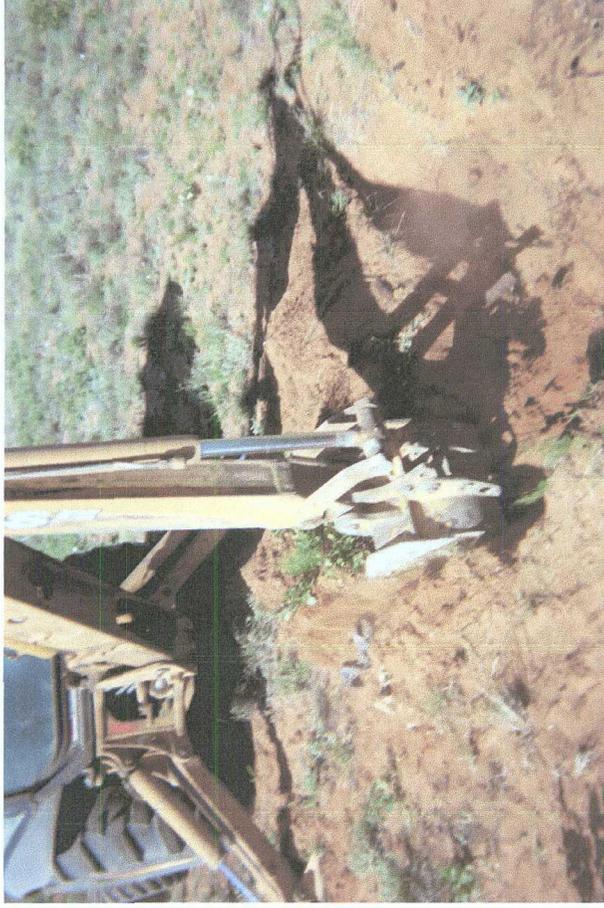
# EME Jct. P-17

Unit P, Section 17, T21S, R36E



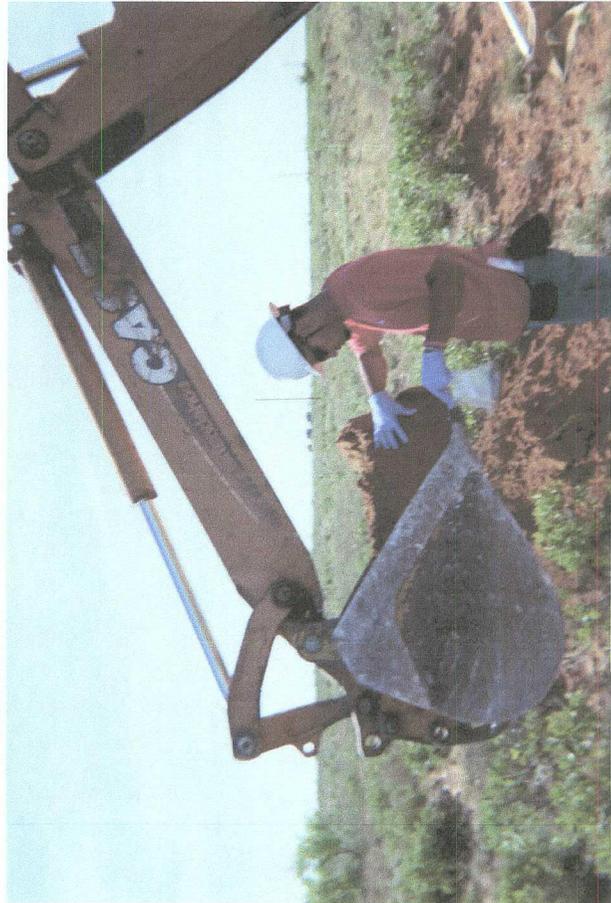
Site prior to excavation

5/11/2010



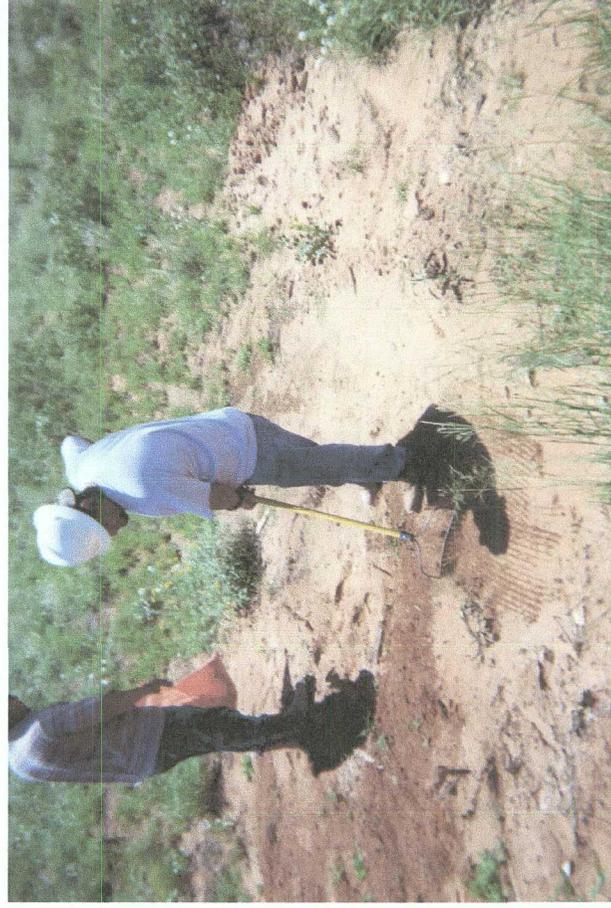
Delineation trench being excavated

5/11/2010



Sample being collected

5/11/2010



Seeding excavation

7/13/2010



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

Receiving Date: 05/11/10  
 Reporting Date: 05/13/10  
 Project Number: NOT GIVEN  
 Project Name: EME JCT P-17 (19/36)  
 Project Location: EME JCT P-17 (19/36)

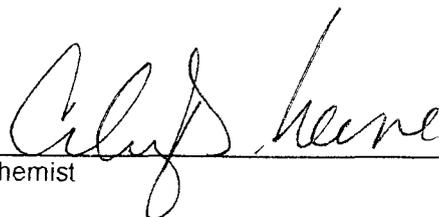
Sampling Date: 05/11/10  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: JH  
 Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	(>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	(mg/kg)
ANALYSIS DATE		05/13/10	05/13/10	05/12/10
H19874-1	SOURCE 6FT	<10.0	20.2	64
<b>COPY</b>				
Quality Control		484	469	500
True Value QC		500	500	500
% Recovery		96.8	93.8	100
Relative Percent Difference		<0.1	1.7	< 0.1

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

\*Analysis performed on a 1:4 w:v aqueous extract.

Reported on wet weight.

  
 Chemist

  
 Date

H19874 TCL RICE



# RICE OPERATING COMPANY

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

	Model: PGM 7300	Serial No: 590-000183	Check Model Number:		Model: PGM 7600	Serial No: 110-023920
✓	Model: PGM 7300	Serial No: 590-000508			Model: PGM 7600	Serial No: 110-013744
	Model: PGM 7300	Serial No: 590-000504			Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <i>928547</i>	EXPIRATION DATE: <i>2-4-2013</i>
FILL DATE:	METER READING ACCURACY: <i>100 PPM</i>

ACCURACY : +/-2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<i>EME</i>	<i>P-17</i>	<i>P</i>	<i>17</i>	<i>T195</i>	<i>R36E</i>

SAMPLE ID	PID	SAMPLE ID	PID
<i>Back ground</i>	<i>5.3</i>		
<i>Source</i>	<i>2'</i>	<i>6.9</i>	
	<i>3'</i>	<i>23.5</i>	
	<i>4'</i>	<i>2</i>	
	<i>5'</i>	<i>22</i>	
	<i>6'</i>	<i>4</i>	
		<b>COPY</b>	

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

SIGNATURE: *Gerardo Martinez*

DATE: *5-11-10*

# CHLORIDE CONCENTRATION CURVE

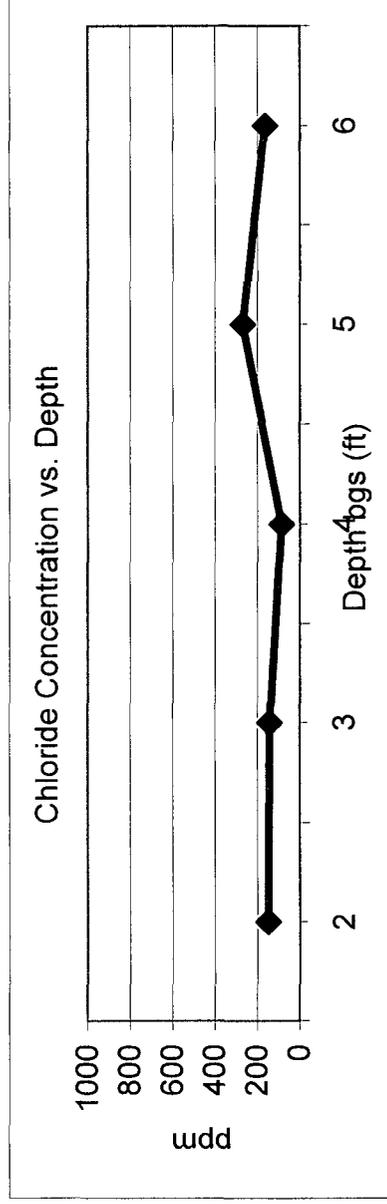
RICE Operating Company

## EME Jct. P-17

Unit 'P', Sec. 17, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
2	151
3	143
4	87
5	270
6	165



Groundwater = 170 ft.