

1R - 427-264

REPORTS

DATE:

01-20-09

EME Apache 'Z' Boot

1R427-264

RECEIVED  
MAR 25 2009  
Environmental Bureau  
Oil Conservation Division

# CLOSURE

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length 7'	Width 21'	Depth 3'
Eunice Monument Eumont (EME)	Apache 'Z' boot	A	13	20S	36E	Lea	moved 95 ft southeast		

LAND TYPE: BLM \_\_\_\_\_ STATE X FEE LANDOWNER \_\_\_\_\_ OTHER \_\_\_\_\_

Depth to Groundwater 29 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 8/20/2008 Date Completed 8/22/2008 OCD Witness no

Soil Excavated 7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

Soil Disposed 24 cubic yards Offsite Facility Sundance Location Eunice, NM

**FINAL ANALYTICAL RESULTS:** Sample Date 8/20/2008 Sample Depth 12 ft

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

**CHLORIDE FIELD TESTS**

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 12' GRAB	0.2	<10.0	<10.0	32

LOCATION	DEPTH	mg/kg
background	6"	237
vertical delineation trench at the junction (source)	3'	413
	4'	173
	5'	176
	6'	207
	7'	221
	8'	238
	9'	206
	10'	226
	11'	207
	12'	214

**General Description of Remedial Action:** This junction was addressed 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 5x3x12-ft-deep-excavation. Chloride field tests were performed on each sample, which yielded low concentrations similar to that of the background. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 12 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 and clean, imported soil was used as a top cap and to contour to the surrounding area. On 8/22/2008, 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 Jordan Woodfin SIGNATURE *Jordan Woodfin* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 1-20-09

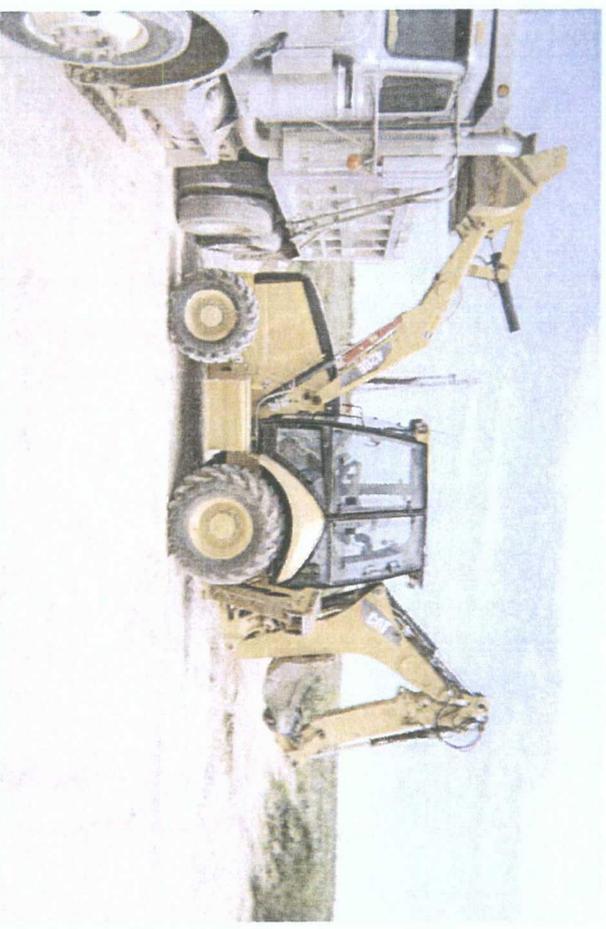
# EME Apache 'Z' boot

Unit A, Section 13, T20S, R36E



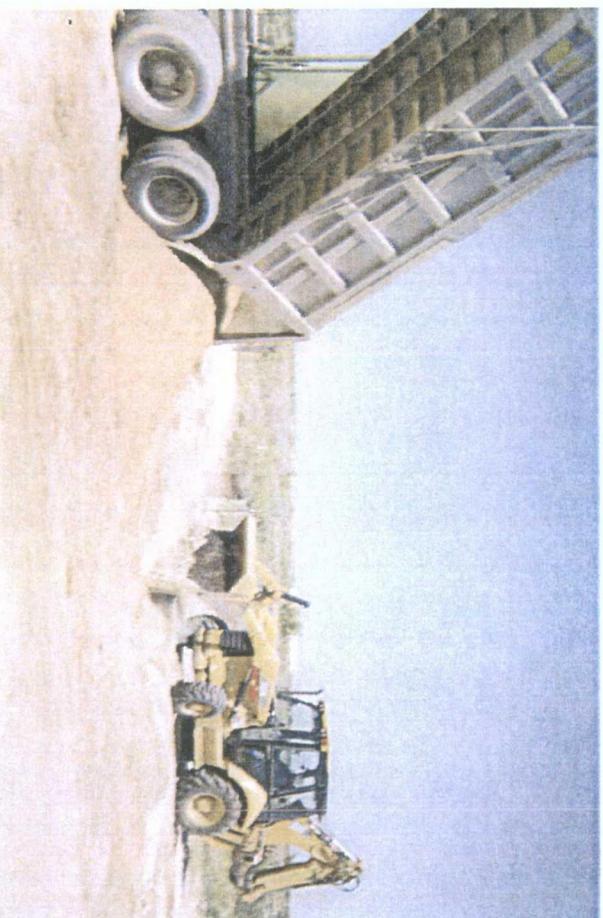
excavating at former junction site, facing north

8/20/2008



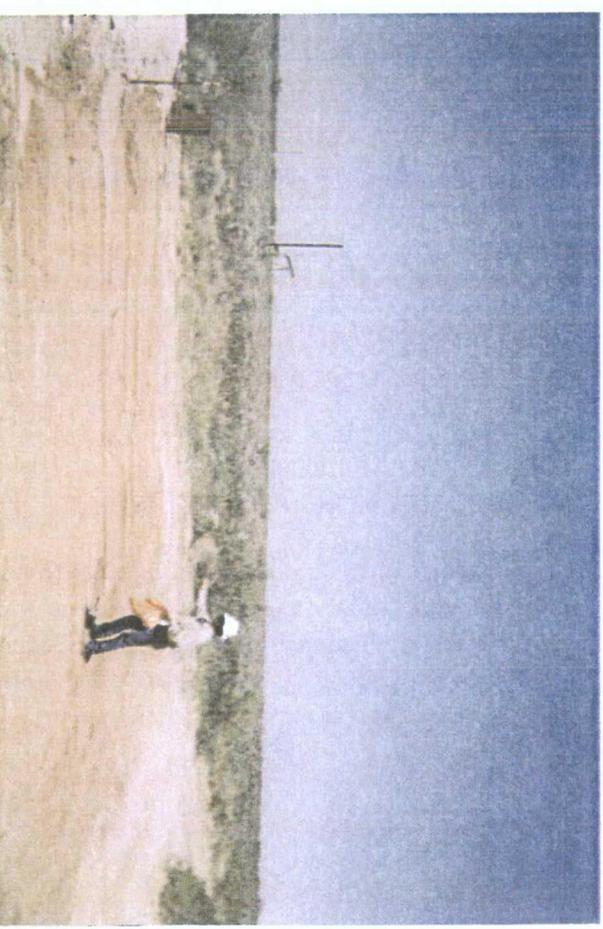
disposing of contaminated soil, facing north

8/21/2008



unloading clean soil on site, facing east

8/22/2008



seeding backfilled site, facing north

8/22/2008



ANALYTICAL RESULTS FOR  
 RICE OPERATING COMPANY  
 ATTN: JORDAN WOODFIN  
 122 W. TAYLOR  
 HOBBS, NM 88240

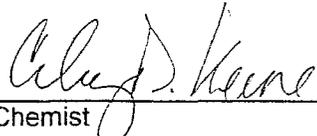
COPY

Receiving Date: 08/21/08  
 Reporting Date: 08/27/08  
 Project Number: NOT GIVEN  
 Project Name: EME APACHE "Z" BOOT  
 Project Location: EME APACHE "Z" BOOT

Sampling Date: 08/20/08  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: HM  
 Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		08/22/08	08/22/08	08/22/08
H15783-1	12 FT SOURCE BOTTOM GRAB	<10.0	<10.0	32
Quality Control		553	411	500
True Value QC		500	500	500
% Recovery		111	82.2	100
Relative Percent Difference		3.8	4.1	3.9

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI/B  
 \*Analysis performed on a 1.4 w:v aqueous extract.  
 Revised report.

  
 \_\_\_\_\_  
 Chemist

08/27/08  
 \_\_\_\_\_  
 Date

H15783TCL RICE

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# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (505) 393-9174 FAX: (505) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

COPY

CK.	<input checked="" type="checkbox"/>	MODEL: PGM 7300	SERIAL NO: 590-000183
MODEL		MODEL: PGM 7600	SERIAL NO: 110-013744
NO.		MODEL: PGM 7600	SERIAL NO: 110-12383
		MODEL: PGM 7600	SERIAL NO: 110-023920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 100.00

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Apache Z	A	13	205	30E

SAMPLE ID	PID	SAMPLE ID	PID
Source			
3'	0.3		
4'	0.7		
5'	0.4		
6'	0.4		
7'	0.4		
8'	0.3		
9'	0.3		
10'	0.2		
11'	0.2		
12'	0.2		

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

SIGNATURE:

DATE: 8-20-09

# CHLORIDE CONCENTRATION CURVE

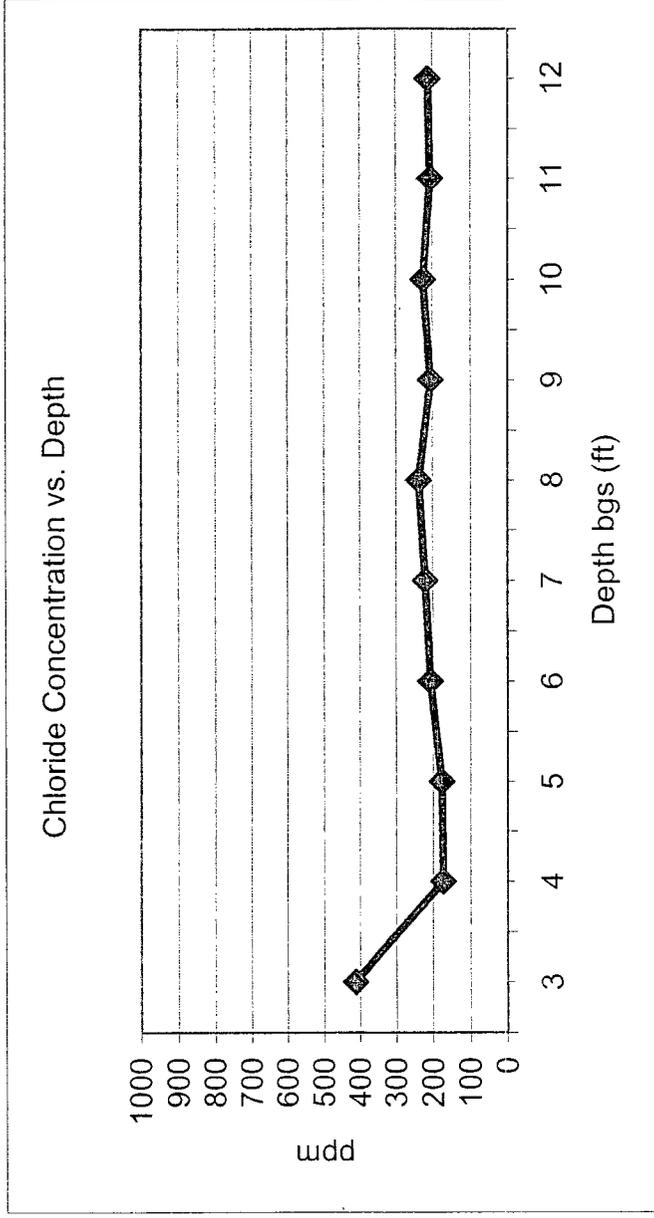
RICE Operating Company

## EME Apache 'Z' boot

Unit 'A', Sec. 13, T20S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl] ppm
3	413
4	173
5	176
6	207
7	221
8	238
9	206
10	226
11	207
12	214



Groundwater = 29 ft