

1R - 427-335

REPORTS

DATE:

8-2-10

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1R427-335

EME Jct. I-27

2010

RECEIVED

APR -1 2011

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87501

CLOSURE

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Euince-Monument-Eumont (EME)	Jct. I-27	I	27	19S	36E	Lea	Eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Amos Persons OTHER \_\_\_\_\_

Depth to Groundwater 49 feet NMOCD SITE ASSESSMENT RANKING SCORE: 50\*

Date Started 1/7/2010 Date Completed 2/16/2010 OCD Witness no

Soil Excavated 88.9 cubic yards Excavation Length 20 Width 10 Depth 12 feet

Soil Disposed 146 cubic yards Offsite Facility Sundance Services Location Eunice, NM

**FINAL ANALYTICAL RESULTS:** Sample Date 1/27/2010 Sample Depth 12 ft

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. 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
4-WALL COMP.	0.0	<10.0	<10.0	848
BOTTOM COMP.	0.1	<10.0	<10.0	192
BACKFILL COMP.	0.0	<10.0	<10.0	624

**CHLORIDE FIELD TESTS**

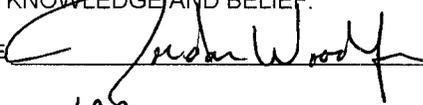
LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	723
bottom comp.	12'	284
backfill comp.	n/a	418
Delineation trench at former junction box (Source)	4'	388
	5'	690
	6'	627
	7'	636
	8'	707
	9'	545
	10'	390
	11'	362
	12'	344

**General Description of Remedial Action:** This junction was 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 20x10x12-ft-deep excavation. Chloride field tests were performed on each sample which yielded generally low concentrations. Organic vapors, measured using a PID, yielded low concentrations of organic vapors. Representative composite samples were collected from the excavation walls, bottom, and blended backfill. Laboratory analysis confirmed low concentrations of chloride with regards to depth and organics were non detected. The entire backfill was hauled to an NMOCD approved facility. The excavation was backfilled with clean imported soil to ground surface and contoured to the surrounding area. On 2/16/2010, site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

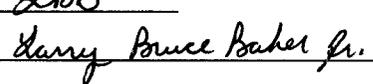
\*Inactive water well located 70 ft. west and cattle water pond located 338 ft. southwest

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  COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 8-2-10

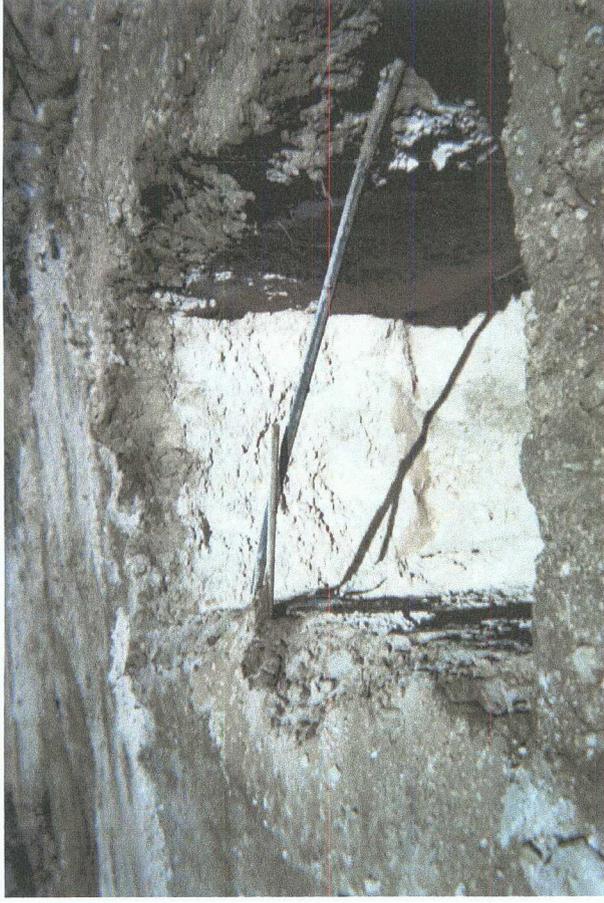
# EME Jct. I-27

Unit I, Section 27, T19S, R36E



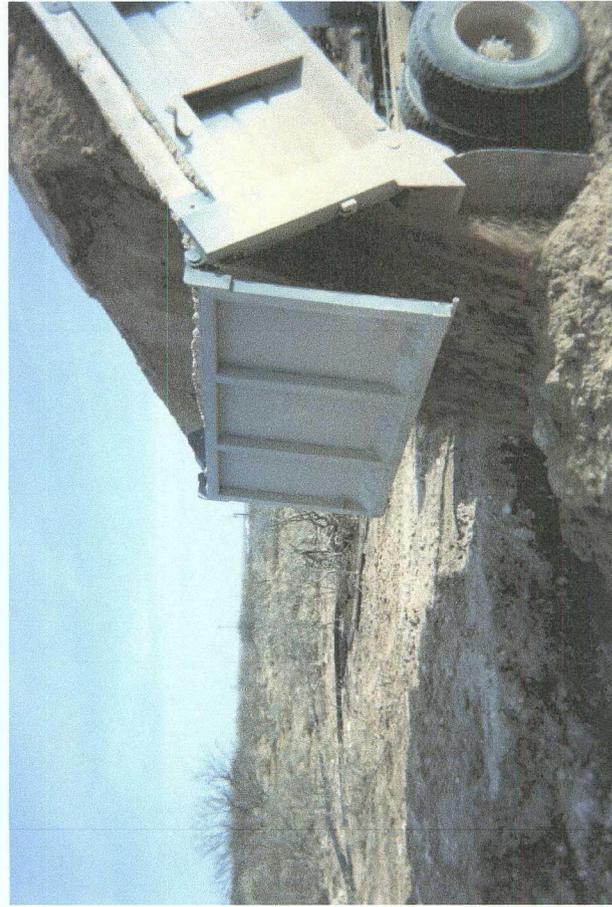
Sampling vertical

1/27/2010



Final excavation

2/12/2010



Backfilling site

2/15/2010



Seeding site

2/16/2010



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

Receiving Date: 01/27/10  
 Reporting Date: 02/01/10  
 Project Number: NOT GIVEN  
 Project Name: EME JCT I-27  
 Project Location: EME JCT I-27

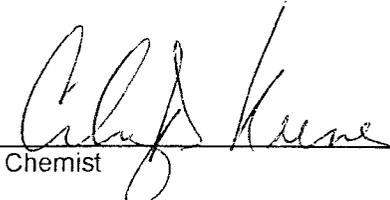
Sampling Date: 01/27/10  
 Sample Type: SOIL  
 Sample Condition: INTACT  
 Sample Received By: JH  
 Analyzed By: AB/HM

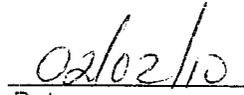
LAB NUMBER	SAMPLE ID	GRO	DRO	Cl*
		(C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	(>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	(mg/kg)

ANALYSIS DATE		01/29/10	01/29/10	01/29/10
H19160-1	BLENDED BACKFILL	<10.0	<10.0	624
H19160-2	5PT BTM COMP	<10.0	<10.0	192
H19160-3	4 WALL COMP	<10.0	<10.0	848
Quality Control		548	492	510
True Value QC		500	500	500
% Recovery		110	98.4	102
Relative Percent Difference		5.9	1.7	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl\*: Std. Methods 4500-Cl\*B  
 \*Analyses performed on 1:4 w:v aqueous extracts.  
 Reported on wet weight.

COPY

  
 \_\_\_\_\_  
 Chemist

  
 \_\_\_\_\_  
 Date

H19160 TCL RICE

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CHLORIDE CONCENTRATION CURVE

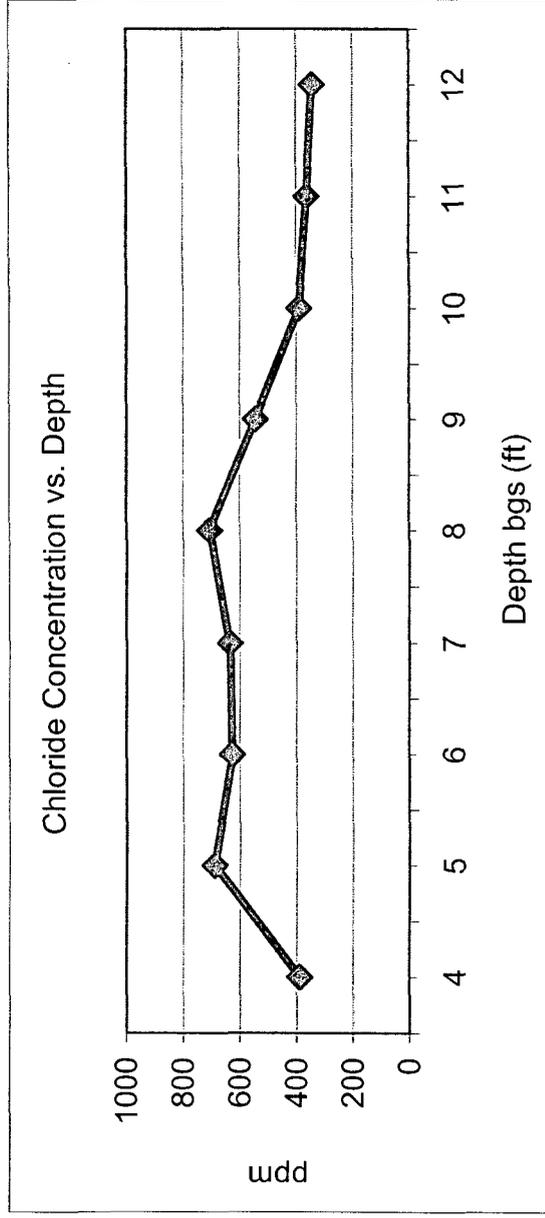
RICE Operating Company

**EME Jct. I-27**

Unit 'L', Sec. 27, T19S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
4	388
5	690
6	627
7	636
8	707
9	545
10	390
11	362
12	344



Groundwater = 49 ft