

1R - 427-303

**REPORTS**

**DATE:**

2-8-10

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Jet  
EME, P-8-4  
2009

1R427-303

RECEIVED

APR - 6 2010

Environmental Bureau  
Oil Conservation Division

**CLOSURE**

RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

RECEIVED

ADD - 6 2010

Environmental Bureau  
Oil Conservation Division

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Eunice Monument Eumont (EME)	Jct. P-8-4	P	8	20S	37E	Lea	Length: 6'	Width 5'	Depth 5'
							Eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Jimmie T. Cooper etux Betty B OTHER \_\_\_\_\_

Depth to Groundwater 22 feet NMOCD SITE ASSESSMENT RANKING SCORE: 40\*

Date Started 9/10/2009 Date Completed 9/18/2009 OCD Witness no

Soil Excavated 5.6 cubic yards Excavation Length 5 Width 3 Depth 10 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 9/10/2009 Sample Depth 10 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 10' GRAB	0.0	<10.0	<10.0	64

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	173
vertical delineation trench at the junction (source)	6'	171
	7'	148
	8'	145
	9'	148
	10'	150

**General Description of Remedial Action:** This junction was eliminated under the pipeline replacement/upgrade program. After the former junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals. Chloride field tests were performed on each sample, which yielded low concentrations of chloride similar to that of the background sample. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 10 ft BGS, was sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride and organics. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 12/18/09, site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

\* Abandon windmill located 1240 ft. northwest and monitor well located 1300 ft. northwest of location

enclosures: photos, laboratory 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.

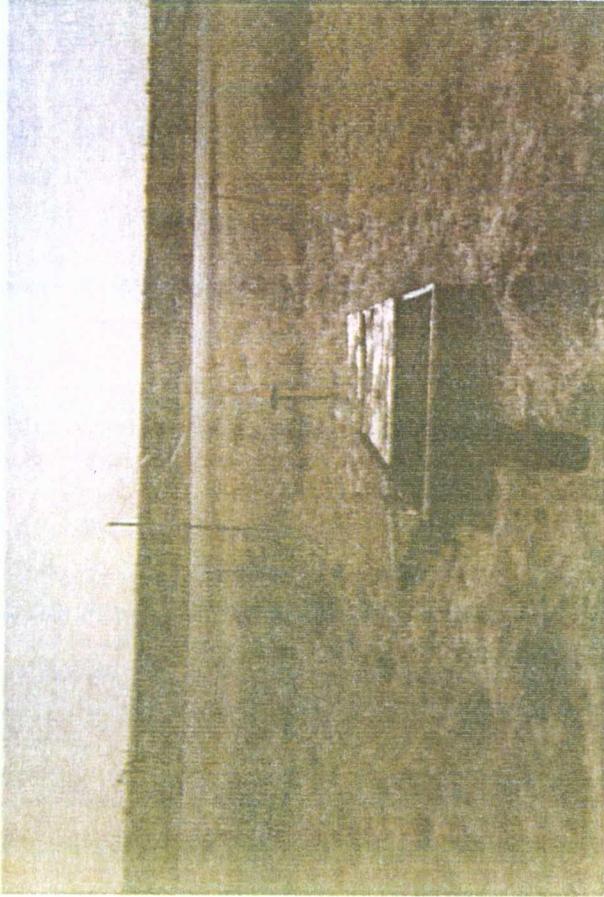
SITE SUPERVISOR Jordan Woodfin SIGNATURE Jordan Woodfin COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LB

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

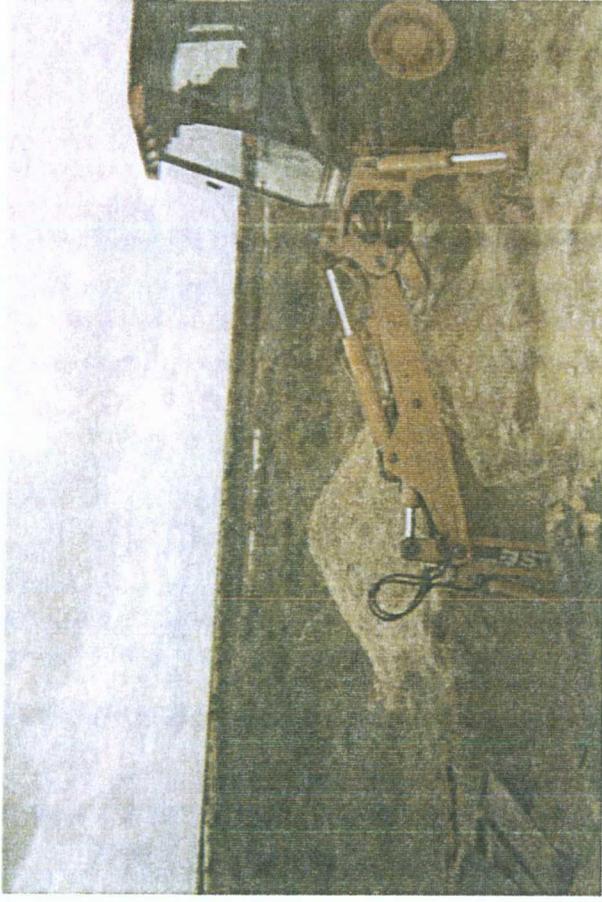
# EME Junction P-8-4

Unit P, Section 8, T20S, R37E



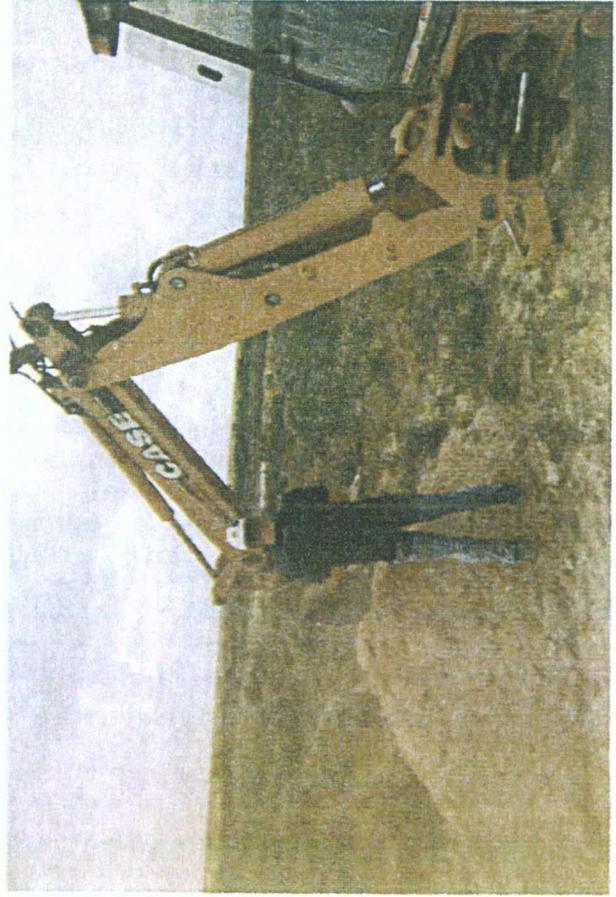
Undisturbed junction box

9/10/09



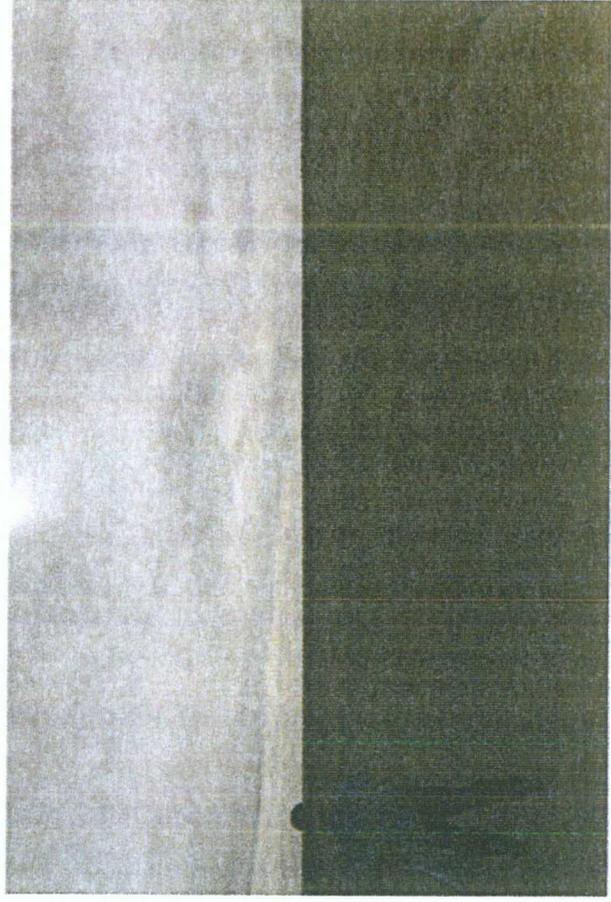
Delineation trench at former junction site

9/10/09



Sample being taken

9/10/09



Seeding backfilled site

12/18/09



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

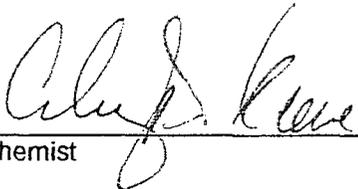
Receiving Date: 09/10/09  
 Reporting Date: 09/15/09  
 Project Number: NOT GIVEN  
 Project Name: EME JCT P-8-4  
 Project Location: EME JCT P-8-4

Sampling Date: 09/10/09  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: ML  
 Analyzed By: AB/HM

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

ANALYSIS DATE	09/12/09	09/12/09	09/14/09
H18226-1 SOURCE BTM GRAB @ 10FT	<10.0	<10.0	64
Quality Control	561	579	500
True Value QC	500	500	500
% Recovery	112	116	100
Relative Percent Difference	0.5	9.9	<0.1

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

  
 \_\_\_\_\_  
 Chemist

  
 \_\_\_\_\_  
 Date

H18226 TCL RICE

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# CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

BILL TO		ANALYSIS REQUEST																			
Company Name: <b>RICE OPERATING</b>		P.O. #:																			
Project Manager:		Company:																			
Address: <b>122 W TAYLOR</b>		Attn:																			
City: <b>LOBBE</b>		Address:																			
State: <b>NM</b>		City:																			
Zip: <b>88240</b>		State:																			
Phone #: <b>393-5174</b>		Phone #:																			
Fax #: <b>393-5174</b>		Fax #:																			
Project #:		Project Owner:																			
Project Name: <b>EME SCT P-8-4</b>		Project Location: <b>EME SCT P-8-4</b>																			
Sampler Name: <b>JORDAN KOOPFIN</b>		Lab I.D.:																			
FOR LAB USE ONLY		Sample I.D.:																			
H18226-1		Source: <b>Btm Grab @ 10'</b>																			

# 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:

X

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 : 924503	EXPIRATION DATE: 7-5-12
FILL DATE: 7-1-09	METER READING ACCURACY: 100

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Jct P-8-4	P	8	20S	37E

SAMPLE ID	PID	SAMPLE ID	PID
<i>Source</i>		<i>Background</i>	
<i>6'</i>	<i>0.3</i>	<i>6''</i>	<i>0</i>
<i>7'</i>	<i>0.1</i>		
<i>8'</i>	<i>0</i>		
<i>9'</i>	<i>0</i>		
<i>10'</i>	<i>0</i>		

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

SIGNATURE:

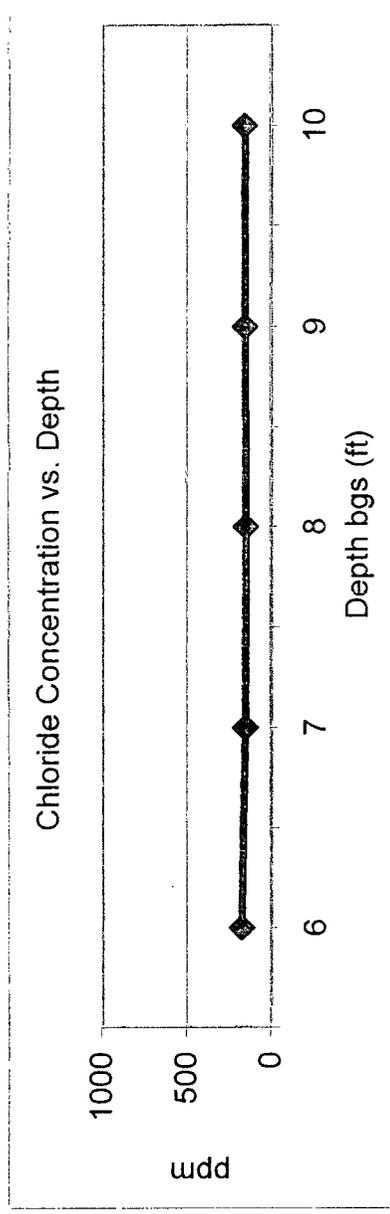
DATE: *9-10-09*

# EME Junction P-8-4

Unit 'P', Sec. 8, T20S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
6	171
7	148
8	145
9	148
10	150



Groundwater = 22 ft.