

1R - 427-276

REPORTS

DATE:

1-23-09

EME Jct B-18-1

1R427-276

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		
Eunice Monument Eumont (EME)	Jct. B-18-1	B	18	19S	37E	Lea	Length 4'	Width 6'	Depth 3'
							eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Jimmie T. Cooper OTHER _____

Depth to Groundwater 35 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 9/4/2008 Date Completed 9/11/2008 OCD Witness no

Soil Excavated 5 cubic yards Excavation Length 5 Width 3 Depth 9 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 9/4/2008 Sample Depth 9 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 9' GRAB	54.7	<10.0	82.8	96

LOCATION	DEPTH	mg/kg
background	6"	150
vertical delineation trench at the junction (source)	4'	168
	5'	232
	6'	300
	7'	235
	8'	229
	9'	197

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 5x3x9-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 also yielded 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. The deepest sample, 9 ft BGS, was analyzed by a commercial laboratory for chloride and TPH, which confirmed low concentrations. On 9/11/2008, 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.

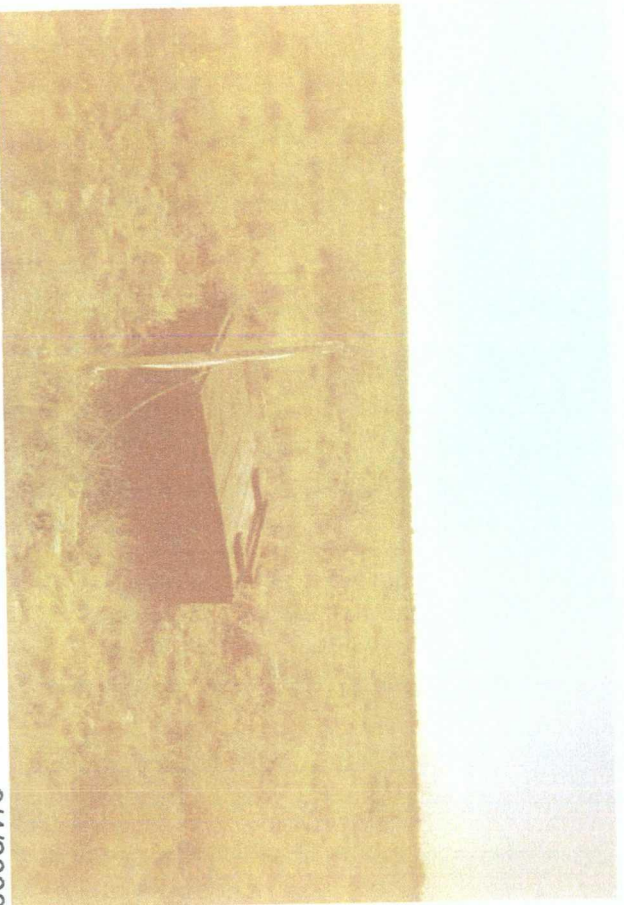
SITE SUPERVISOR Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 1-23-09

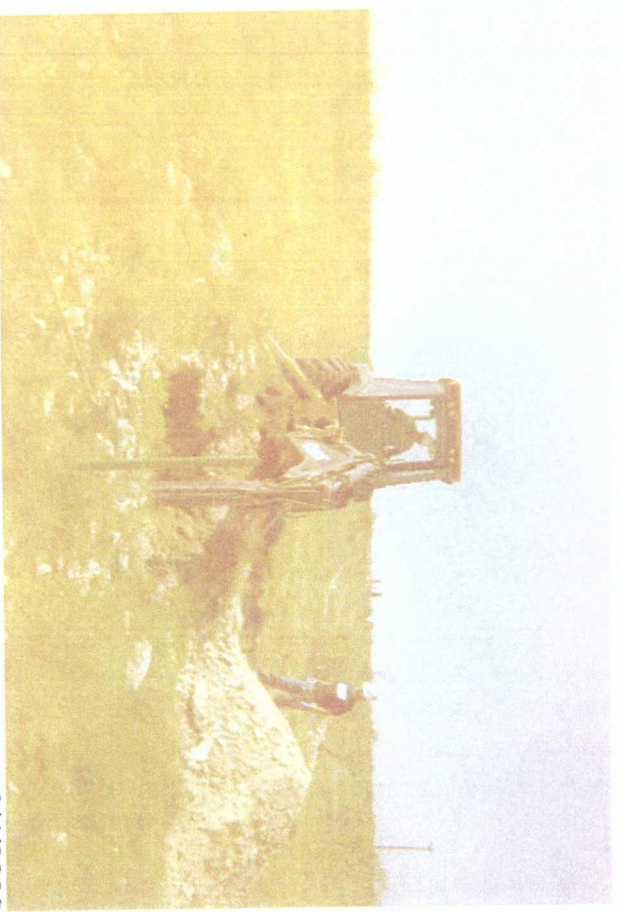
EME Jct. B-18-1

Unit B, Section 18, T19S, R37E



undisturbed junction box, facing south

9/4/2008



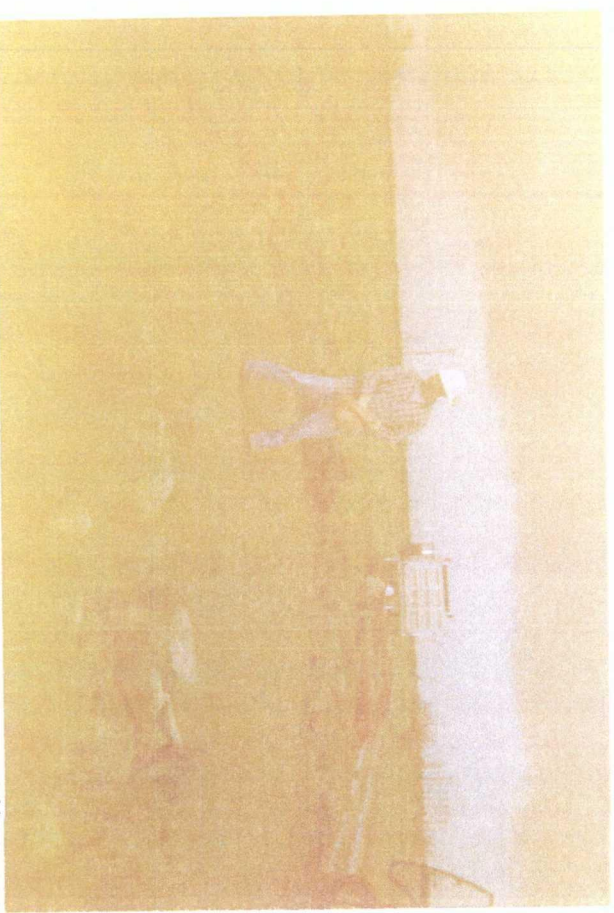
excavating at former junction site

9/4/2008



collecting a soil sample

9/4/2008



seeding backfilled site

9/11/2008



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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

COPY

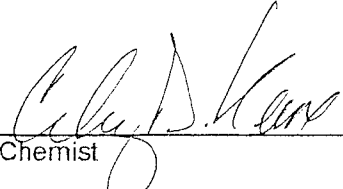
Receiving Date: 09/04/08
Reporting Date: 09/08/08
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: EME JCT B-18-1

Sampling Date: 09/04/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: CK/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		09/05/08	09/05/08	09/05/08
H15868-1	INITIAL SOURCE @ 9 FT	<10.0	82.8	96
Quality Control		528	573	500
True Value QC		500	500	500
% Recovery		106	115	100
Relative Percent Difference		2.2	7.3	< 0.1

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.


Chemist


Date

H15868TCL 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.	
MODEL	
NO.	

MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL: PGM 7600	SERIAL NO: 110-013744
MODEL: PGM 7600	SERIAL NO: 110-12383
MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 073353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 98.5

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	B-18-1	B	18	T-19-S	R-37E

BACK GROUND

INITIAL SOURCE

SAMPLE ID	PID	SAMPLE ID	PID
6 IN	19.2	4'	38.0
		5'	20.0
		6'	14.2
		7'	0.6
		8'	15.5
		9'	54.7

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

SIGNATURE: Dawnell mitchell

DATE: 9-4-08

CHLORIDE CONCENTRATION CURVE

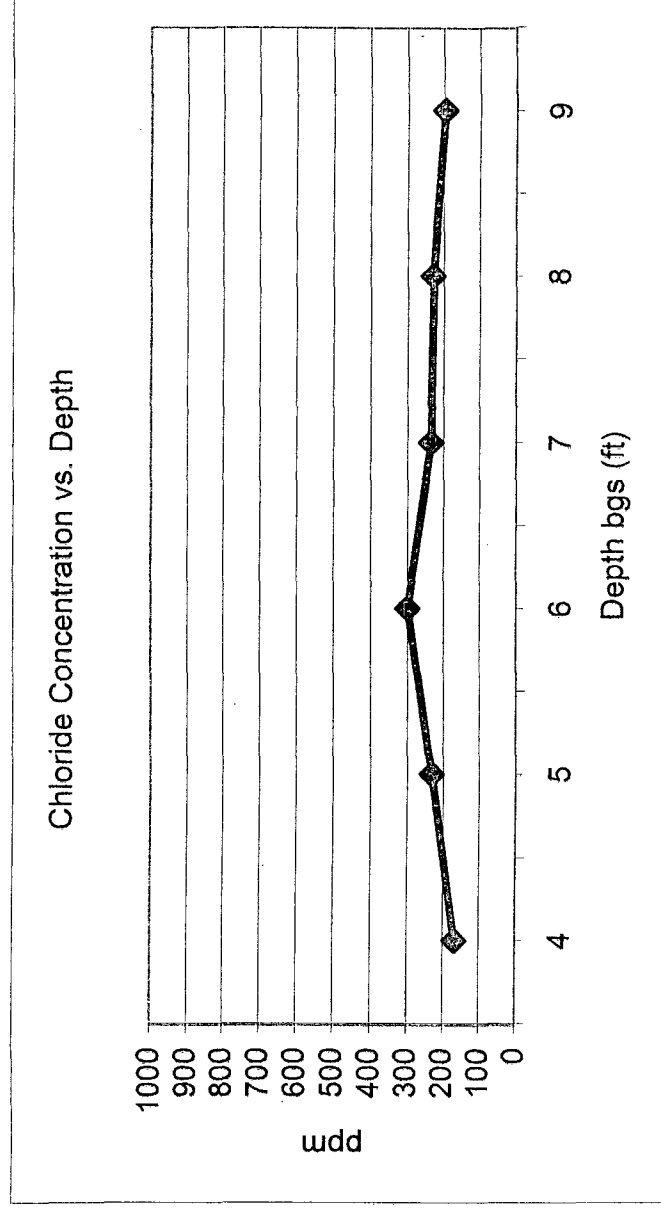
RICE Operating Company

EME Jct. B-18-1

Unit 'B', Sec. 18, T19S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
4	168
5	232
6	300
7	235
8	229
9	197



Groundwater = 35 ft