

1R - 427-268

REPORTS

DATE:

1-30-09

EME Chesapeake Turner EOL

/R427-268

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)	Chesapeake Turner EOL	O	6	20S	38E	Lea	Length 7'	Width 4'	Depth 6'
							moved 60 ft west		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER SW Cattle Company OTHER _____

Depth to Groundwater 65 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 9/16/2008 Date Completed 9/26/2008 OCD Witness no

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

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

FINAL ANALYTICAL RESULTS:

Sample Date 9/17/2008 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	4.2	<25.0	<25.0	112

LOCATION	DEPTH	mg/kg
background	6"	120
vertical delineation at the junction (source)	6'	142
	7'	150
	8'	126
	9'	147
	10'	147
	11'	119
	12'	175

General Description of Remedial Action: This junction was addressed under the pipeline replacement/upgrade program. A new, watertight junction box was installed 60 ft west of the former. After the former box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x12-ft-deep hole. Field data suggest the site is low in organic vapors and chloride levels are similar to that of the background. 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. Clean, imported caliche was used to fill the excavation to ground surface and to contour to the surrounding area.

enclosures: photos, lab results, PID field screening

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

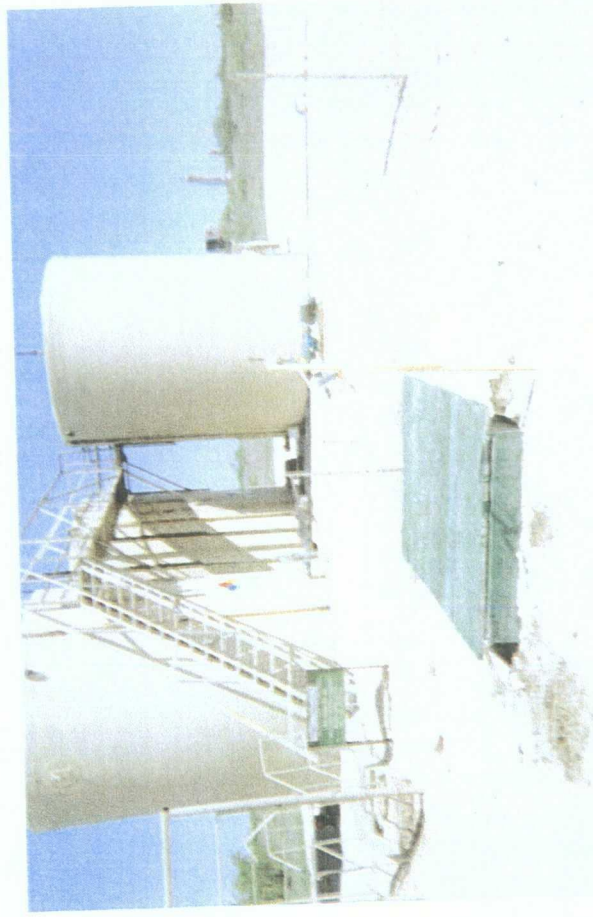
SITE SUPERVISOR Eric Garrison SIGNATURE *Eric Garrison* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 1-30-09

EME Chesapeake Turner EOL

Unit O, Section 6, T20S, R38E



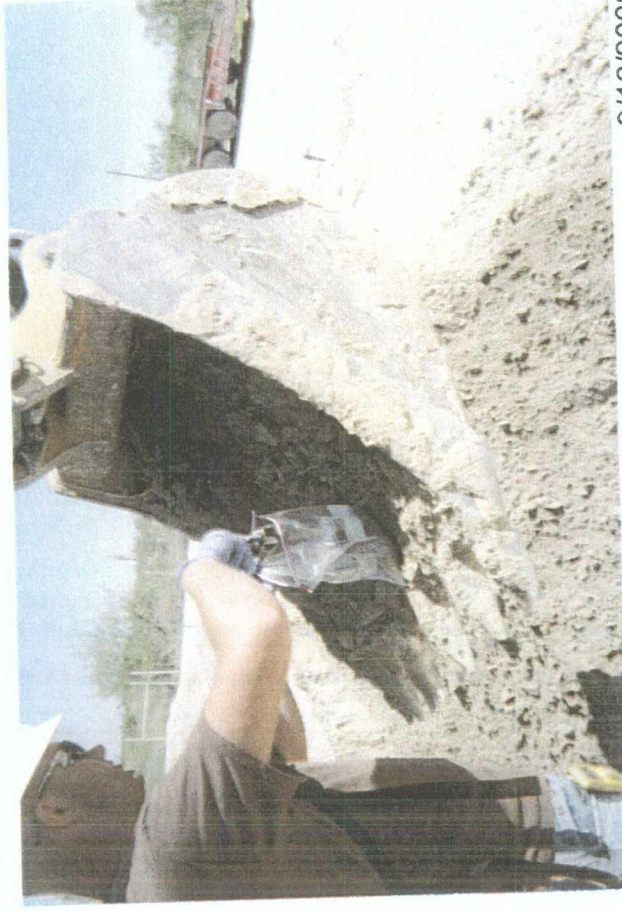
undisturbed junction box, facing east

9/16/2008



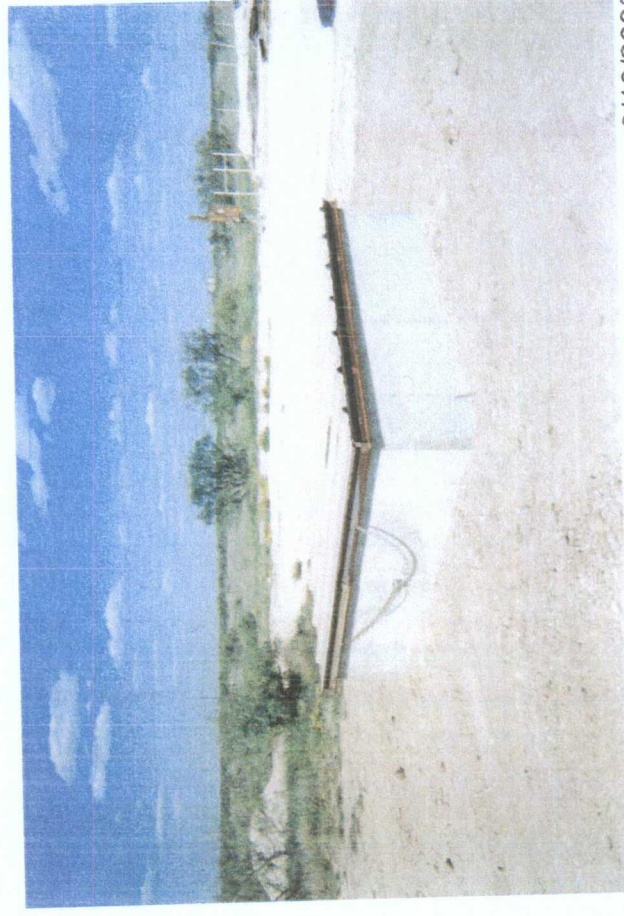
backfilling with clean, imported caliche, facing east

9/26/2008



collecting a soil sample, facing east

9/16/2008



new, watertight junction box

9/19/2008

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

COPY

Receiving Date: 09/17/08
Reporting Date: 09/19/08
Project Number: NOT GIVEN
Project Name: EME JCT CHEASAPEAK TURNER EOL
Project Location: EME JCT CHEASAPEAK TURNER

Sampling Date: 09/17/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/TR

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		09/18/08	09/18/08	09/18/08
H15941-1	12' GRAB CHEASAPEAK	<25.0	<25.0	112
Quality Control		483	477	490
True Value QC		500	500	500
% Recovery		96.6	95.4	98.0
Relative Percent Difference		14.7	19.7	< 0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl⁻: Std. Methods 4500-Cl⁻B

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

Lab Director

Date _____

H15941 TCL RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK.	<input checked="" type="checkbox"/>	MODEL: PGM 7300	SERIAL NO: 590-000183
MODEL	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013744
NO.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-12383
	<input type="checkbox"/>	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: 100PPM

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
Eme	Chesapeake Turner	0	6	205	38E

Initial Source

Background

SAMPLE ID	PID	SAMPLE ID	PID
6'	21.3	6"	7.0
7'	6.8		
8'	4.8		
9'	3.6		
10'	1.4		
11'	2.1		
12'	4.2		

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

SIGNATURE: *Eric Garrison*

DATE: 9-17-08