

1R - 427-294

REPORTS

DATE:

5-8-09

**EME Jct K-15
2009**

1R425-294

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

RECEIVED

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

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. K-15	K	15	21S	36E	Lea	Length	Width	Depth
							eliminated		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 175 feet NMOC SITE ASSESSMENT RANKING SCORE: 0

Date Started 1/13/2009 Date Completed 1/20/2009 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 1/13/2009 Sample Depth 9 ft

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

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 9' GRAB	2.1	<10.0	<10.0	80

LOCATION	DEPTH	mg/kg
background	6"	120
vertical delineation trench at the junction (source)	5'	90
	6'	90
	7'	120
	8'	120
	9'	150

General Description of Remedial Action: This junction box 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. Field data suggests low concentrations of organic vapors and chloride concentrations similar to that of the background. The deepest sample, 9 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 to ground surface and contoured to the surrounding area. On 2/25/2009, 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.

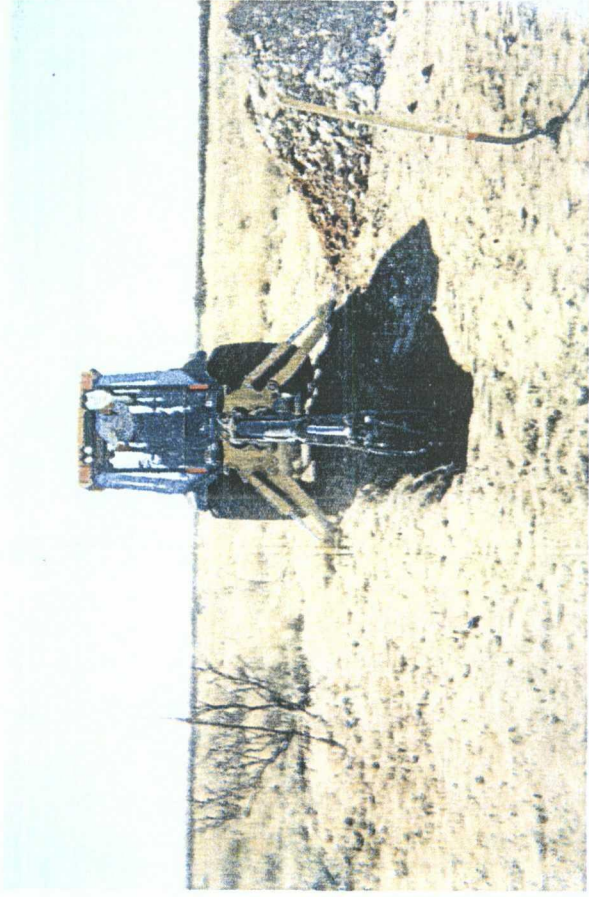
SITE SUPERVISOR Eric Garrison SIGNATURE *Eric Garrison* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 5-8-09

EME Jct. K-15

Unit K, Section 15, T21S, R36E



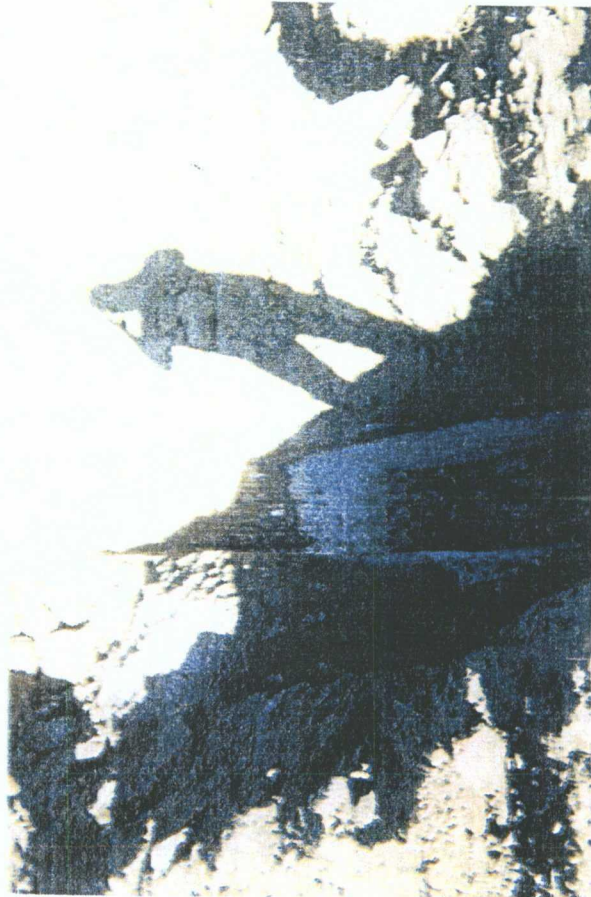
excavating the source, facing south

1/13/2009



collecting a soil sample, facing south

1/13/2009



final excavation, facing north

1/13/2009



seeding backfilled site, facing south

2/25/2009

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

Receiving Date: 01/13/09
Reporting Date: 01/19/09
Project Number: NOT GIVEN
Project Name: EME JCT K-15
Project Location: EME JCT K-15

COPY

Sampling Date: 01/13/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₅ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)
ANALYSIS DATE		01/17/09	01/17/09	01/14/09
H16675-1	SOURCE BTTM GRAB @ 9'	<10.0	<10.0	80
Quality Control		422	458	500
True Value QC		500	500	500
% Recovery		84.4	91.6	100
Relative Percent Difference		4.7	4.8	2.0

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

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

Chemist

Date

H16675 TCL 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

CK.
 MODEL.
 NO.

✓

MODEL: PGM 7600
 MODEL: PGM 7600
 MODEL: PGM 7600
 MODEL: PGM 7600

SERIAL NO: 110-013676
 SERIAL NO: 110-013744
 SERIAL NO: 110-12383
 SERIAL NO: 110-012920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 08-3425	EXPIRATION DATE: 08-29-09
FILL DATE: 02-29-08	METER READING ACCURACY: 100PPM

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
Eme	15-15	A	15	NS	36E

Initial source

Background

SAMPLE ID	PID	SAMPLE ID	PID
5	5.1	6	0.0
6	2.7		
7	1.8		
8	1.4		
9	2.1		

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

SIGNATURE:

Eric Garrison

DATE:

1-13-09

CHLORIDE CONCENTRATION CURVE

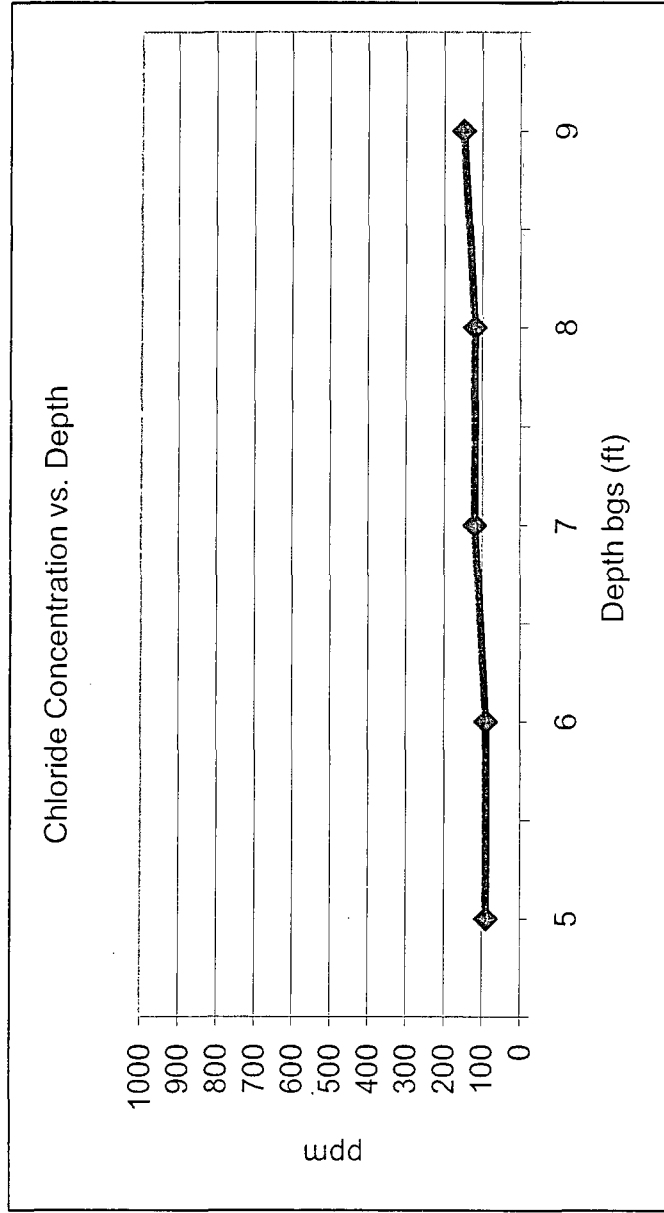
RICE Operating Company

EME Jct. K-15

Unit 'K', Sec. 15, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
5	90
6	90
7	120
8	120
9	150



Groundwater = 175 ft