

1R - 427-329

REPORTS

DATE:

8-19-10

1R427-329

EME Jct. P-20

2010

RECEIVED

APR - 1 2011

**Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505**

CLOSURE

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice-Monument-Eumont	Jct. P-20	P	20	19S	37E	Lea	Eliminated		

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

Depth to Groundwater 30 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 4/21/2010 Date Completed 4/21/2010 OCD Witness no

Soil Excavated 5.0 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 4/21/2010 Sample Depth 9 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 9' GRAB	11.9	<10.0	<10.0	<16

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	60
vertical delineation trench at the junction (source)	4'	119
	5'	91
	6'	84
	7'	91
	8'	61
	9'	60

General Description of Remedial Action: This junction and line were 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 test performed on each sample yielded low concentrations similar to the background. Organic vapors were measured using a PID, which also yielded low concentrations. 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 5/21/2010, 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 Robert Egans SIGNATURE *Robert Egans* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 8-19-10

EME Jct. P-20 Unit P, Section 20, T19S, R37E



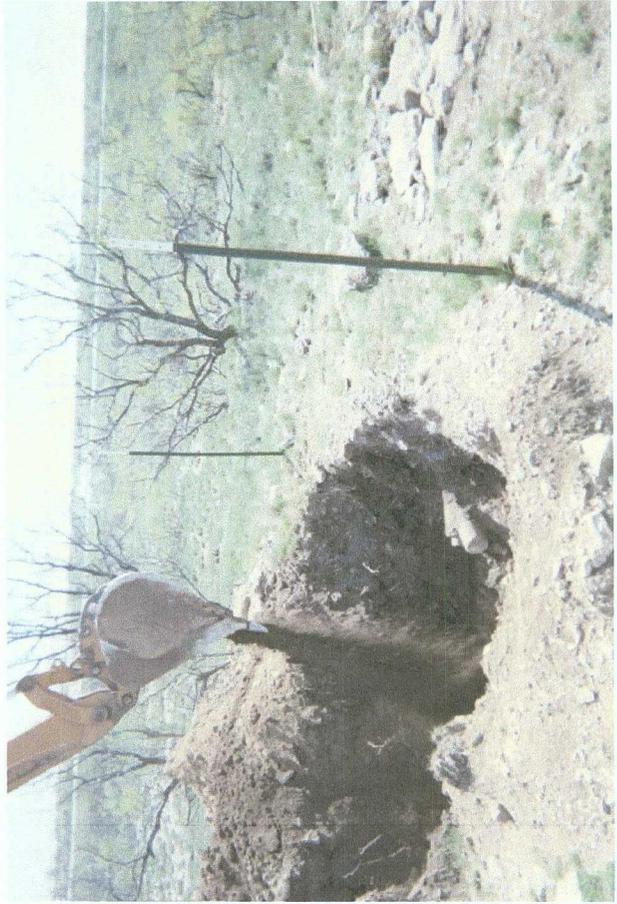
Site prior to excavation

4/20/2010



Taking sample

4/21/2010



Backfilling excavation

4/21/2010



Seeding excavation

5/21/2010



ARDINAL LABORATORIES

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

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

Receiving Date: 04/21/10
Reporting Date: 04/22/10
Project Number: NOT GIVEN
Project Name: EME JCT P-20 (19/37)
Project Location: EME JCT P-20 (19/37)

Sampling Date: 04/21/10
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: JH
Analyzed By: AB/HM

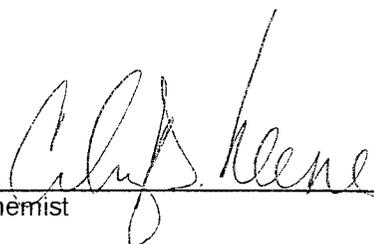
LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)

ANALYSIS DATE	04/22/10	04/22/10	04/22/10
H19725-1 SOURCE @ 9'	<10.0	<10.0	< 16
COPY			
Quality Control	524	533	500
True Value QC	500	500	500
% Recovery	105	107	100
Relative Percent Difference	2.5	0.6	< 0.1

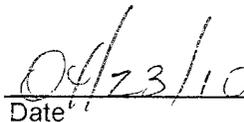
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B

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

Reported on wet weight.



Chemist



Date

H19725 TCL RICE

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:

<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>928167</u>	EXPIRATION DATE: <u>1-17-2013</u>
FILL DATE:	METER READING ACCURACY: <u>100ppm</u>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>EMF</u>	<u>P-20</u>	<u>P</u>	<u>20</u>	<u>19</u>	<u>37</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>Background</u>	<u>2.6</u>	<u>Source</u>	<u>4'</u>
			<u>5'</u>
			<u>6'</u>
			<u>7'</u>
			<u>8'</u>
			<u>9'</u>
			<u>14.4</u>
			<u>17.3</u>
			<u>19.5</u>
			<u>16.6</u>
			<u>7.2</u>
			<u>11.9</u>
COPY			

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

SIGNATURE: *Robert Jones*

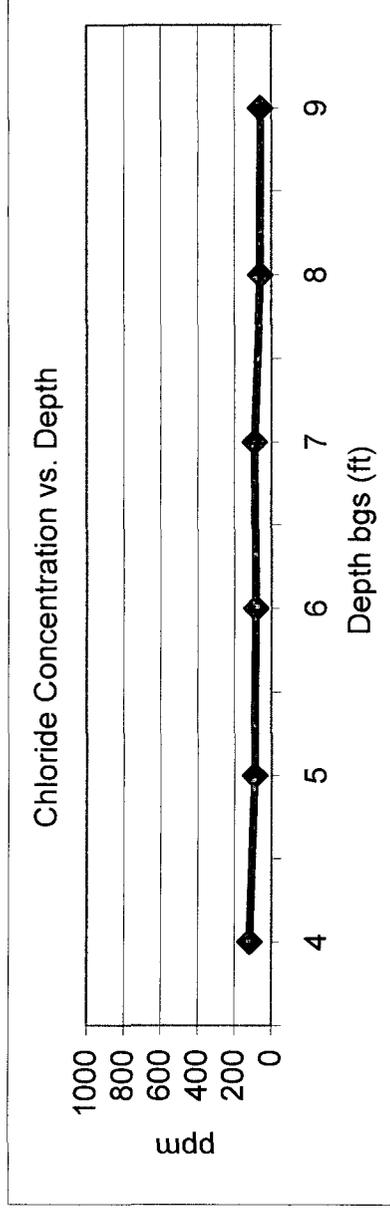
DATE: 4-21-2010

EME Jct. P-20

Unit 'P', Sec. 20, T19S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
4	119
5	91
6	84
7	91
8	61
9	60



Groundwater = 30 ft.