

1R - 427-325

REPORTS

DATE:

8-5-10

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1R427-325

EME I-20 EOL

2010

RECEIVED

APR -1 2011

Gil 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	I-20 EOL	I	20	19S	37E	Lea	Eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE X FEE LANDOWNER \_\_\_\_\_ OTHER \_\_\_\_\_

Depth to Groundwater 37 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 2/25/2010 Date Completed 2/25/2010 OCD Witness no

Soil Excavated 3.3 cubic yards Excavation Length 5 Width 3 Depth 6 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 2/25/2010 Sample Depth 6 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 6' GRAB	6.0	<10.0	54.6	<16

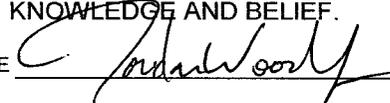
**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	149
vertical delineation trench at the junction (source)	2'	120
	3'	118
	4'	112
	5'	114
	6'	115

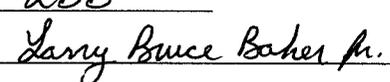
**General Description of Remedial Action:** This junction and line were eliminated under the pipeline replacement/upgrade program. After the former junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals. Chloride field tests were performed on 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, 6 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 3/09/2010, 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 graph

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

SITE SUPERVISOR Jordan Woodfin SIGNATURE  COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 8-5-10

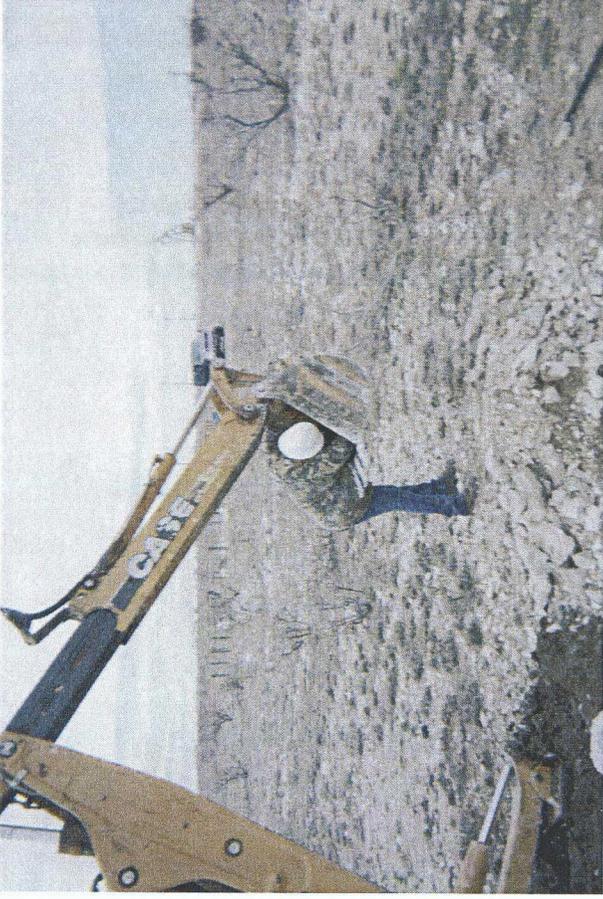
# EME I-20 EOL

Unit I, Section 20, T19S, R37E



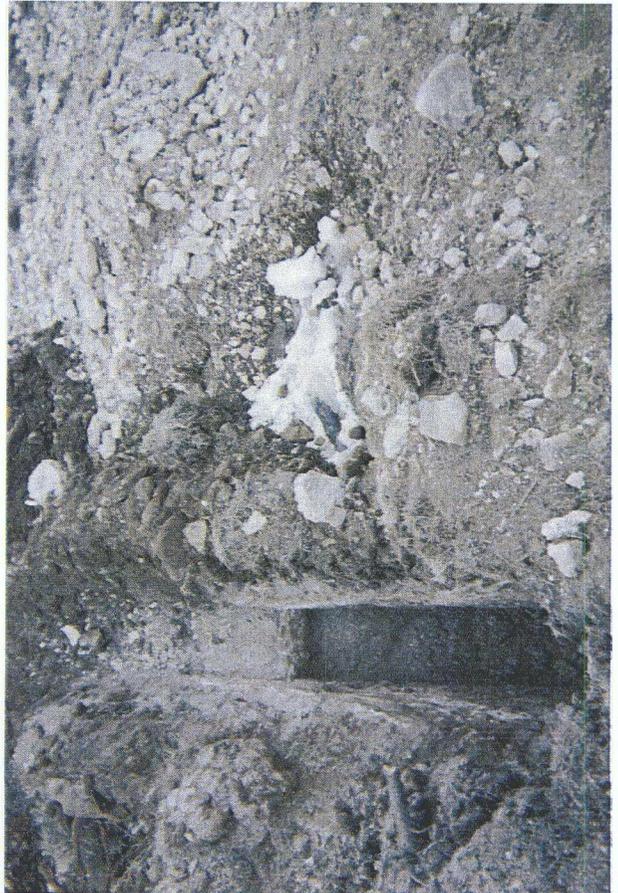
Site prior to excavation

2/25/2010



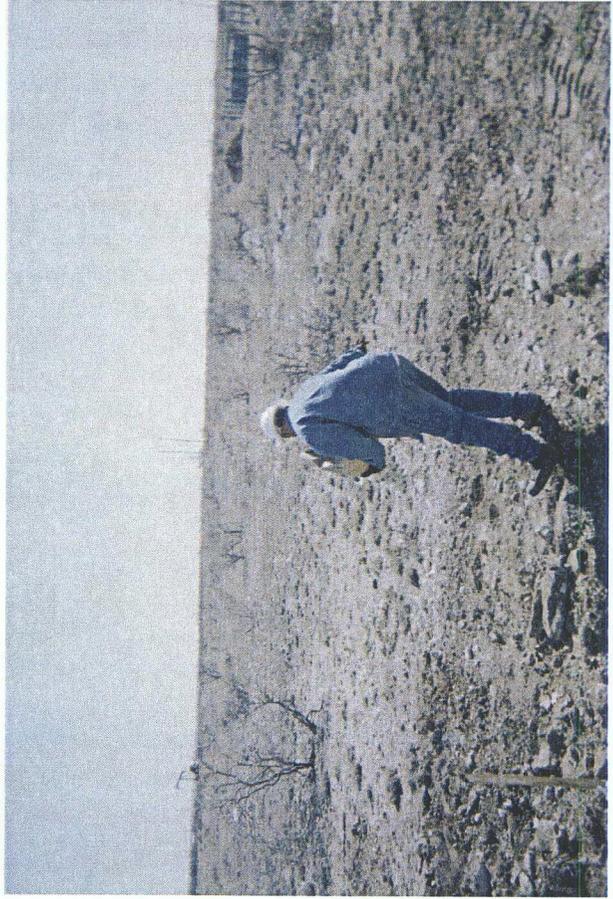
Sample being taken

2/25/2010



Final excavation

2/25/2010



Seeding excavation

3/09/2010



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

Receiving Date: 02/25/10  
 Reporting Date: 03/01/10  
 Project Number: NOT GIVEN  
 Project Name: EME I-20 EOL 19/37  
 Project Location: EME I-20 EOL 19/37

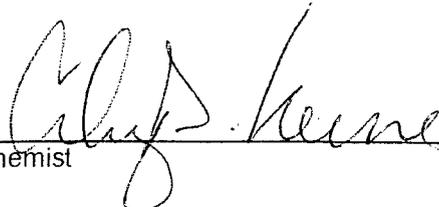
Sampling Date: 02/25/10  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: JH  
 Analyzed By: AB/HM

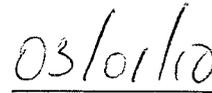
	GRO	DRO	
	(C <sub>6</sub> -C <sub>10</sub> )	(>C <sub>10</sub> -C <sub>28</sub> )	Cl*
LAB NUMBER SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE	02/27/10	02/27/10	02/26/10
H19346-1 SOURCE GRAB @ 6FT.	<10.0	54.6	< 16
Quality Control	422	461	500
True Value QC	500	500	500
% Recovery	84.4	92.2	100
Relative Percent Difference	7.4	3.6	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.  
 Reported on wet weight.

COPY

  
 \_\_\_\_\_  
 Chemist

  
 \_\_\_\_\_  
 Date

H19346 TCL RICE

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# 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:

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/
/

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: 99.9

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EMG	I-20 EOL	I	20	195	37E

SAMPLE ID	PID	SAMPLE ID	PID
Source		Background	
2'	2.1	6"	0
3'	3		
4'	2.4		
5'	2.5		
6'	6		

COPY

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

SIGNATURE:

DATE: 2-25-11

CHLORIDE CONCENTRATION CURVE

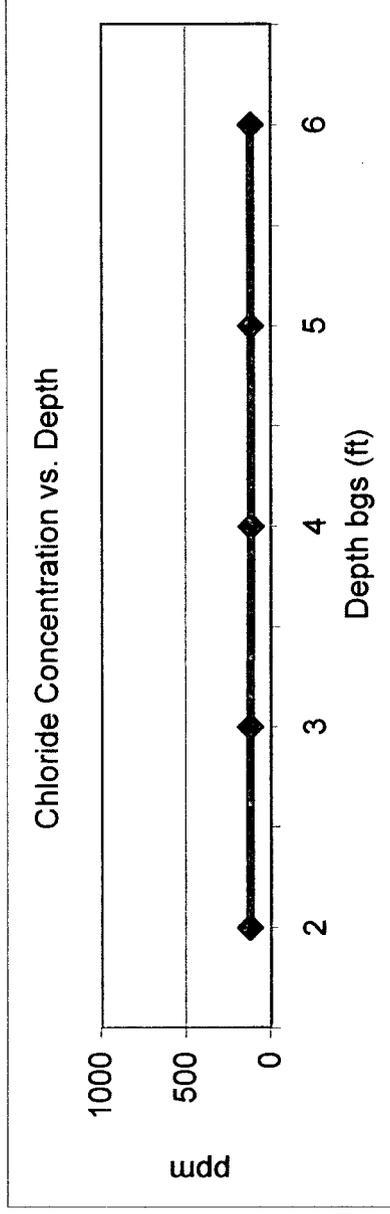
RICE Operating Company

**EME I-20 EOL**

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

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
2	120
3	118
4	112
5	114
6	115



Groundwater = 37 ft