

1R - 427-333

REPORTS

DATE:

1-31-11

1R427-333

EME Jct. H-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 (EME)	Jct. H-20	H	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 2/8/2010 Date Completed 2/8/2010 OCD Witness no

Soil Excavated 4.4 cubic yards Excavation Length 5 Width 3 Depth 8 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 2/8/2010 Sample Depth 8 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 8' GRAB	0.1	<10.0	<10.0	<16

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	119
vertical delineation trench at the junction (source)	4'	144
	5'	148
	6'	149
	7'	146
	8'	143

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, 8 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 2/17/2010, 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 *Jordan Woodfin* 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 1-31-11

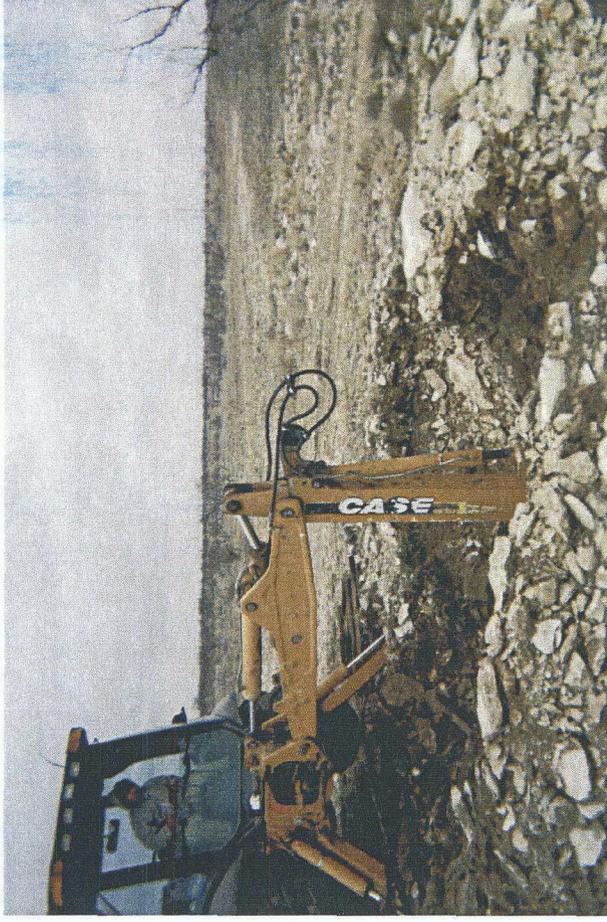
EME Junction H-20

Unit H, Section 20, T19S, R37E



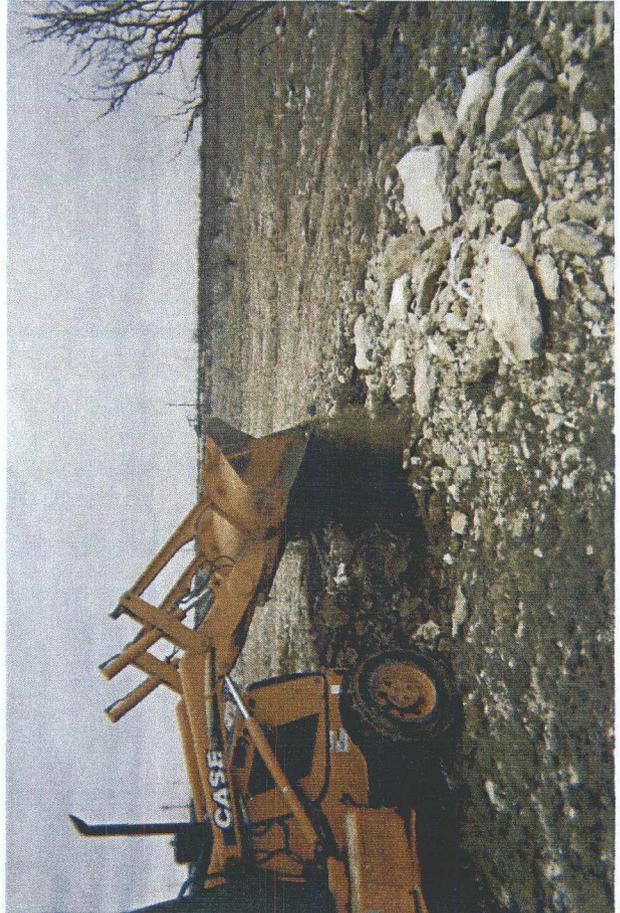
Site prior to excavation

2/08/2010



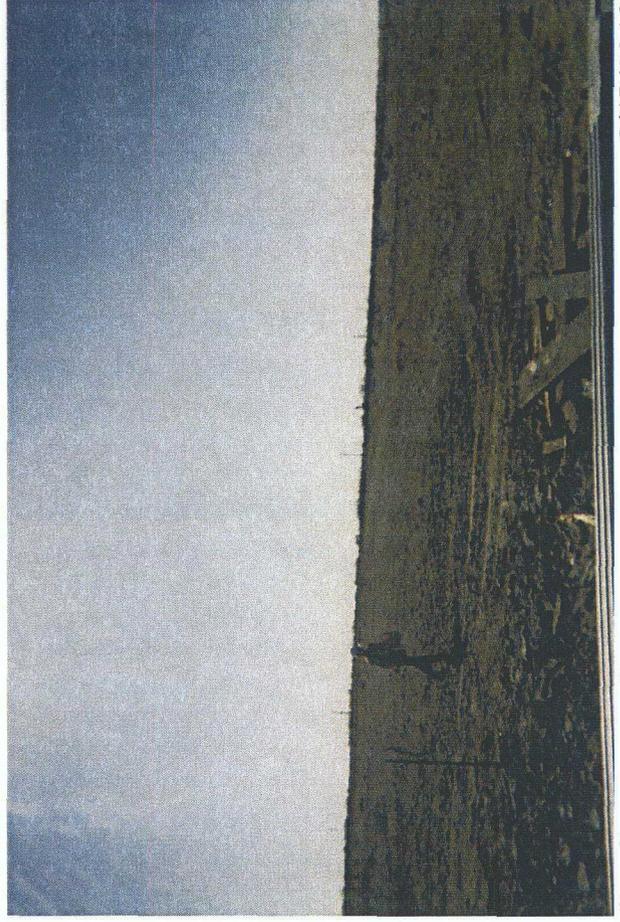
Delineation trench at former junction box

2/08/2010



Backfilling excavation

2/08/2010



Seeding excavation

2/17/2010



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

Receiving Date: 02/08/10
 Reporting Date: 02/11/10
 Project Number: NOT GIVEN
 Project Name: EME JCT H-20
 Project Location: EME JCT H-20

Sampling Date: 02/08/10
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: JH
 Analyzed By: AB/HM

	GRO	DRO	
	(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	Cl*
	(mg/kg)	(mg/kg)	(mg/kg)

LAB NUMBER	SAMPLE ID	GRO (mg/kg)	DRO (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		02/11/10	02/11/10	02/09/10
H19229-1**	SOURCE GRAB @ 8FT.	<10.0	<10.0	< 16
Quality Control		526	510	510
True Value QC		500	500	500
% Recovery		105	102	102
Relative Percent Difference		1.0	3.3	2.0

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.
 Reported on wet weight.
 **TPH second surrogate outside historical limits due to matrix interference.



 Chemist

COPY



 Date

H19229 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:

✓

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
EME	H-20	H	20	19 S	37E

SAMPLE ID	PID	SAMPLE ID	PID
Source		Background	
4'	0.3	6"	0.3
5'	0.3		
6'	0.2		
7'	0.2		
8'	0.1		

COPY

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

SIGNATURE: *Jordan Wood*

DATE: 7-8-10

CHLORIDE CONCENTRATION CURVE

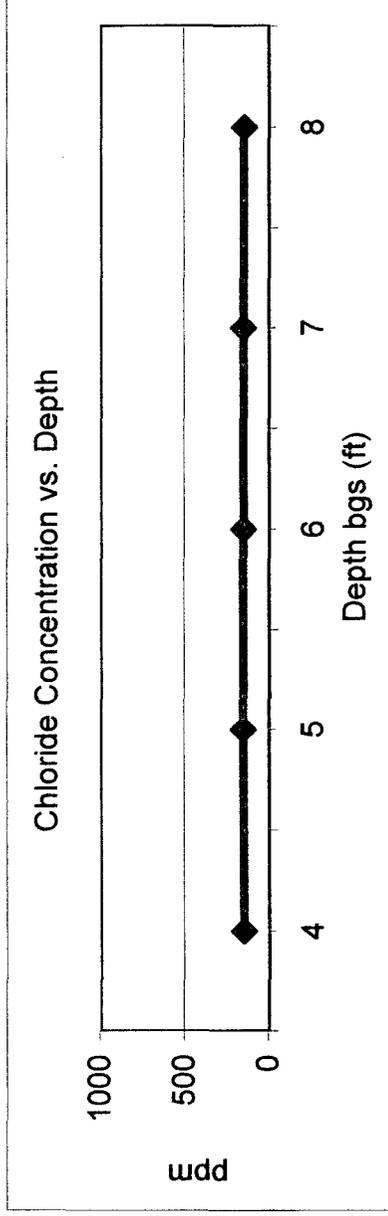
RICE Operating Company

EME Junction H-20

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

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
4	144
5	148
6	149
7	146
8	143



Groundwater = 37 ft.