

1R - 427-331

REPORTS

DATE:

8-17-10

1R427-331

EME Jct. O-18-1

2010

RECEIVED

APR - 1 2011

Oil Conservation Division
1220 S. St. Francis Drive
Scotts Bl, NE 68702

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. O-18-1	O	18	19S	37E	Lea	Eliminated		

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

Depth to Groundwater 60 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 2/17/2010 Date Completed 2/17/2010 OCD Witness no

Soil Excavated 3.9 cubic yards Excavation Length 5 Width 3 Depth 7 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 2/17/2010 Sample Depth 7 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 7' GRAB	0.6	<10.0	<10.0	32

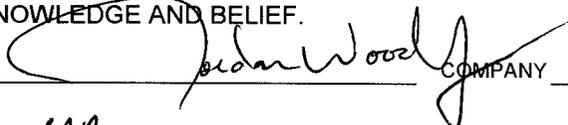
CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	146
vertical delineation trench at the junction (source)	3'	88
	4'	92
	5'	92
	6'	122
	7'	120

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 5x3x7-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations. Organic vapors were measured using a PID which also yielded low concentrations. The deepest sample, 7 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 2/26/2010, 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 Jordan Woodfin SIGNATURE  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 8-17-10

EME Jct. O-18-1

Unit O, Section 18, T19S, R37E



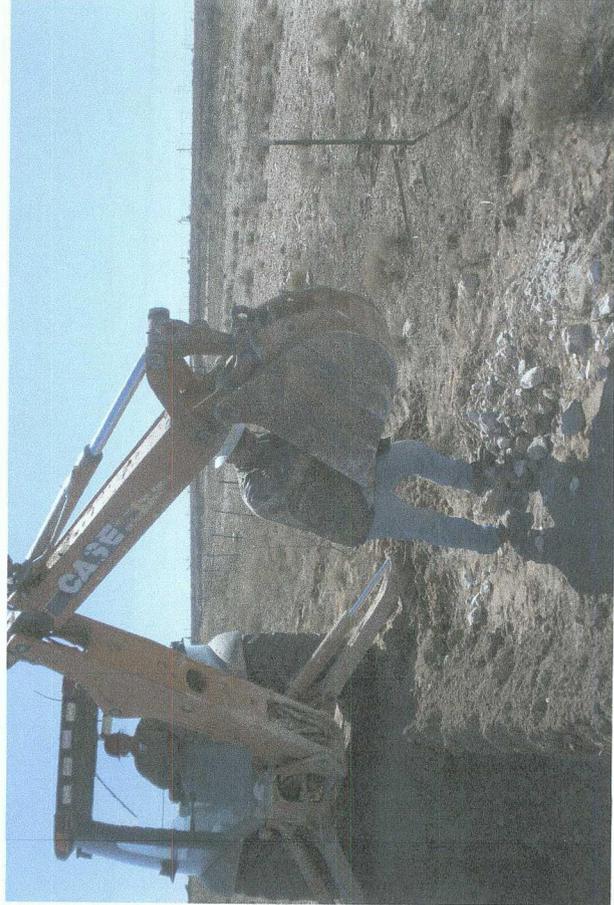
Undisturbed Jct. Box

8/28/2003



Delineation trench being excavated

2/17/2010



Sampling the excavation

2/17/2010



Seeding the excavation

2/26/2010



**ARDINAL
LABORATORIES**

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

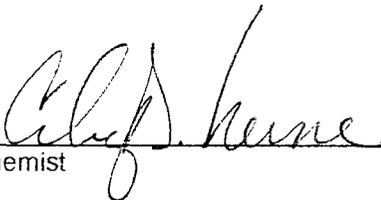
ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: BRUCE BAKER
122 W. TAYLOR
HOBBS, NM 88240

Receiving Date: 02/17/10
Reporting Date: 02/22/10
Project Number: NOT GIVEN
Project Name: EME JCT O-18-1 19/37
Project Location: EME JCT O-18-1 19/37

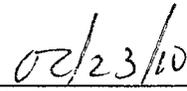
Sampling Date: 02/17/10
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: JH
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)
ANALYSIS DATE		02/19/10	02/19/10	02/18/10
H19291-1	SOURCE GRAB @ 7FT	<10.0	<10.0	32
Quality Control		553	536	500
True Value QC		500	500	500
% Recovery		111	107	100
Relative Percent Difference		8.4	12.1	<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

H19291 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:

X

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: 99.3

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	0-18-1	0	18	195	37E

SAMPLE ID	PID	SAMPLE ID	PID
Source		Background	
3'	1.3	ce "	0
4'	6.5		
5'	1.0		
6'	1.3		
7'	0.6		

COPY

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

SIGNATURE:

DATE: 7-17-10

CHLORIDE CONCENTRATION CURVE

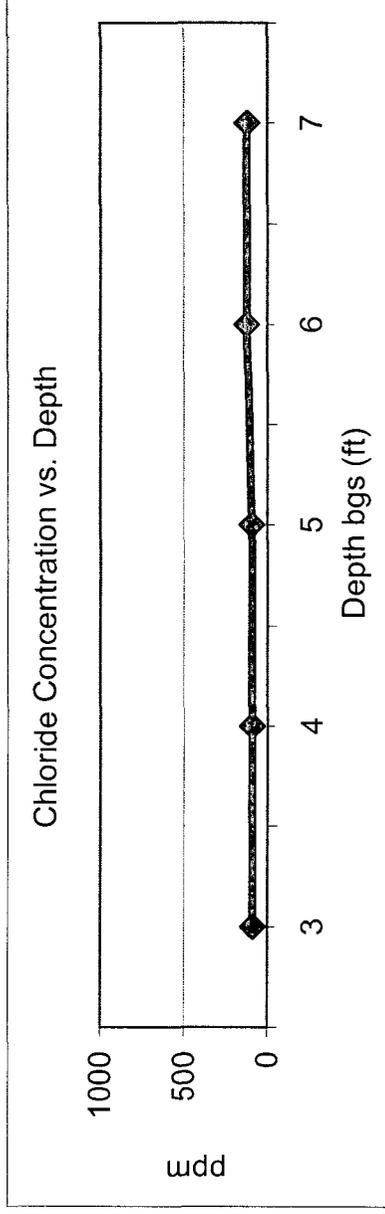
RICE Operating Company

EME Jct. O-18-1

Unit 'O', Sec. 18, T19S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
3	88
4	92
5	92
6	122
7	120



Groundwater = 60 ft