

1R - 427-344

REPORTS

DATE:

3-25-11

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1R427-344

**EME Jct. G-20**

**2010**

RECEIVED

APR - 1 2011

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87501

**CLOSURE**

RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

BOX LOCATION

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

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

Depth to Groundwater 57 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 2/25/2010 Date Completed 3/26/2010 OCD Witness no

Soil Excavated 6.7 cubic yards Excavation Length 3 Width 5 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 3/18/2010 Sample Depth 12ft

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 12' GRAB	0.1	<10.0	<10.0	32

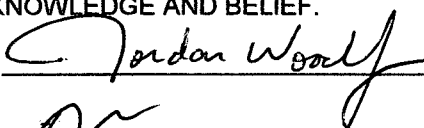
CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	149
vertical delineation trench at the junction (source)	4'	198
	5'	142
	6'	120
	7'	116
	8'	110
	9'	139
	10'	118
	11'	150
	12'	120

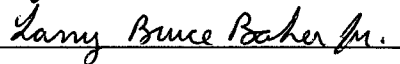
**General Description of Remedial Action:** This junction box was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals, creating a 5x3x12-ft deep excavation. Chloride field tests yielded low concentrations similar to that of the background. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 12-ft bgs, was sent to a commercial laboratory for analysis of chloride and TPH, which both yielded low concentrations. The excavated soil was returned to excavation to the ground surface and clean imported soil was imported as a top dressing. This soil was contoured to the surrounding area. On 2/25/2011, 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) screening, 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 Jordan Woodfin INITIAL 

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 3-25-11

## EME JCT. G-20



Site prior to delineation

2/25/2010



Backfilling excavation

2/25/2010

## Unit G, Section 20, T19S, R37E



Collecting a sample

2/25/2010



Seeding excavation

11/30/2010



# CARDINAL 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: 03/18/10  
Reporting Date: 03/22/10  
Project Number: NOT GIVEN  
Project Name: EME JCT G-20 (19/37)  
Project Location: EME JCT G-20 (19/37)

Sampling Date: 03/18/10  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: JH  
Analyzed By: AB/SJ

LAB NUMBER SAMPLE ID

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

ANALYSIS DATE	03/21/10	03/21/10	03/19/10
H19482-1 SOURCE BTM GRAB @ 12FT.	<10.0	<10.0	32
Quality Control	511	521	480
True Value QC	500	500	500
% Recovery	102	104	96.0
Relative Percent Difference	1.1	3.6	4.1

COPY

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.

Chemist

Date

H19482 TCL RICE

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101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603  
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

NEED SAMPLES BACK, PLEASE

122 West Taylor Hobbs, NM 88240  
PHONE: (575) 393-9174 FAX: (575) 397-1471  
PID METER CALIBRATION & FIELD REPORT FORM

## PID METER CALIBRATION & FIELD REPORT FORM

	Model: PGM 7300	Serial No: 590-000183		Model: PGM 7600	Serial No: 110-023920
	Model: PGM 7300	Serial No: 590-000508		Model: PGM 7600	Serial No: 110-013744
X	Model: PGM 7300	Serial No: 590-000504		Model: PGM 7600	Serial No: 110-013676

LOT NO : 924503	EXPIRATION DATE: 7-5-12
FILL DATE: 7-1-09	METER READING ACCURACY: 99.5

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	G-20	G	20	19S	37E

SAMPLE ID	PID	SAMPLE ID	PID
Source			
9'	0.7		
10'	0.5		
11'	0.9		
12'	0.1		
		COPY	

SIGNATURE:

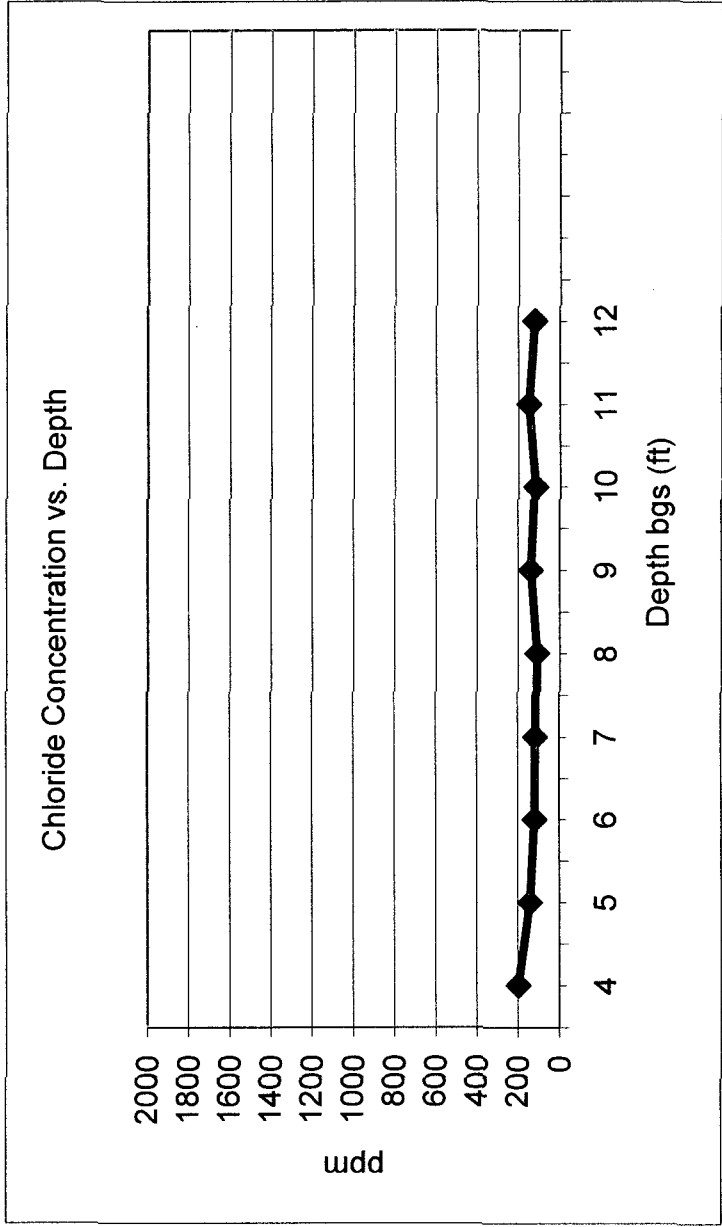
DATE: 3-18-10

# EME Jct G-20

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

Backhoe samples at Source of the junction

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
4	198
5	142
6	120
7	116
8	110
9	139
10	118
11	150
12	120



Groundwater = 57 ft