

1R - 427-220

REPORTS

DATE:

4-1-08

EME Jct G-20

1R 427-220

CLOSURE

4-1-08

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
Eunice-Monument-Eumont (EME)	jct. G-20	G	20	20S	37E	Lea	Length	Width	Depth
							moved 50 ft east		

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

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

Date Started 8/18/2004 Date Completed 9/16/2004 NMOCD Witness no

Soil Excavated 42 cubic yards Excavation Length 12 Width 10 Depth 4 feet
+ 2 delineation trenches

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

FINAL ANALYTICAL RESULTS: Sample Date 8/31/2004 Sample Depth 12 ft

TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
grab @SOURCE (junction)	0.1	<10.0	36.0	96

LOCATION	DEPTH (ft)	ppm
SOURCE below junction	7	917
	8	804
	9	520
	10	448
	11	247
	12	81
10 ft WEST of junction	4	115
	5	144
	6	204
	7	141
	8	114
	9	137
	10	180
	11	191
	12	139

General Description of Remedial Action:

This junction box site was moved 50 ft east with the pipeline replacement/upgrade program. After the old box was removed, the site was inspected for adverse impacts. Soils at and surrounding the site did not exhibit any hydrocarbon odor or staining and healthy vegetation surrounded the site. Two delineation trenches were made with a backhoe to collect soil samples to 12 ft of depth. Chloride field tests and organic vapor screenings were performed on each sample. Chloride concentrations were low and decline with depth. Every sample yielded very low readings on the PID. A confirmation sample was submitted for laboratory analysis and confirmed field results and TPH concentrations that meet OCD guidelines. The excavated soil from the trenches was blended on site and backfilled to grade. The disturbed surface has restored to productive capacity at a normal rate. A new, concrete junction box was built 50 ft east of this subject site.

enclosures: photos, lab results, chloride graph

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

SITE SUPERVISOR Joe Gatts SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 10/3/2007 TITLE Project Scientist



undisturbed junction box

1/5/2004

EMME jct. G-20

Unit G, Section 20, T20S, R37E



new junction G-20 50 ft east of former



former junction site with box removed

8/18/2004



collecting samples from delineation trench

8/3/2004



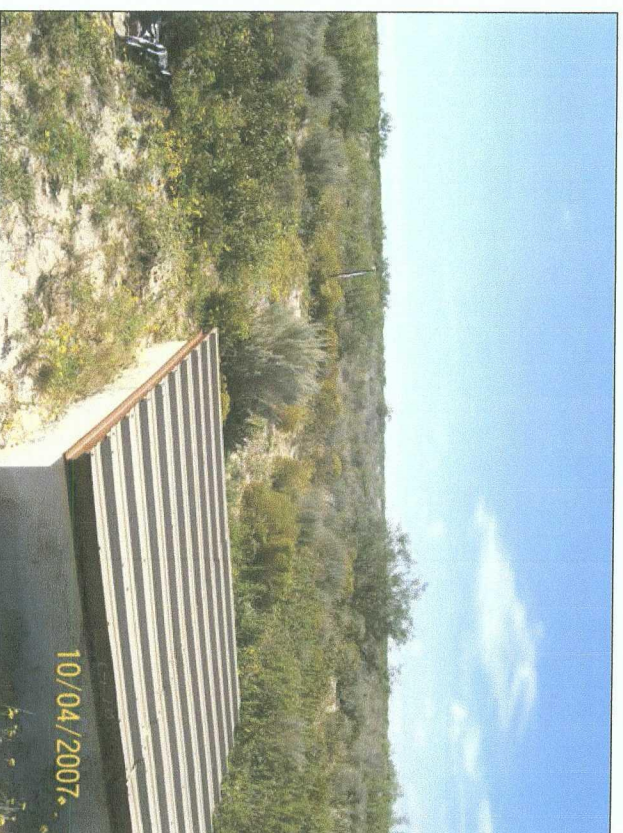
backfilling delineation trenches

9/16/2004



backfilled excavation at former junction site

9/16/2004



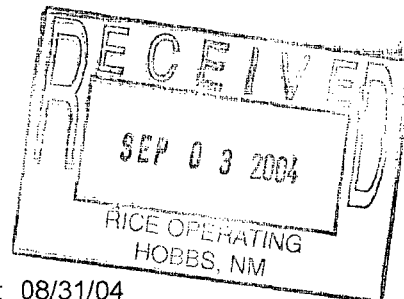
new junction box; former site flagged in background 10/4/2007



PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: ROY RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:



Receiving Date: 08/31/04
Reporting Date: 09/01/04
Project Number: NOT GIVEN
Project Name: EME G-20
Project Location: NOT GIVEN

Sampling Date: 08/31/04
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

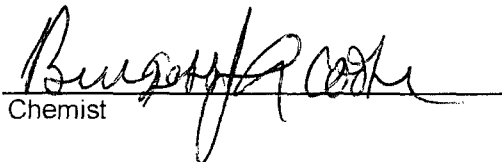
COPY

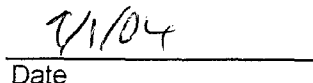
LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
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ANALYSIS DATE	08/31/04	08/31/04	09/01/04
H9109-1 SOURCE @ 12'BGS	<10.0	36.0	96
Quality Control	791	780	990
True Value QC	800	800	1000
% Recovery	98.9	97.5	99
Relative Percent Difference	1.0	1.8	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.


Chemist


Date

H9109.XLS

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CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240

(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ____ of ____

Company Name: <u>Key Operating</u>		P.O. #:		BILL TO												ANALYSIS REQUEST																
Project Manager: <u>Ray Pascoe</u>		Company:																														
Address: <u>122 W. Taylor</u>		Attn:																														
City: <u>Hobbs</u>		State: <u>NM</u> Zip: <u>88240</u>																														
Phone #: <u>393-9174</u>		Fax #:																														
Project #:		Project Owner:																														
Project Name: <u>EME G-20</u>		City:																														
Project Location:		State:																														
Sampler Name: <u>Joe Gatts</u>		Phone #:																														
FOR LAB USE ONLY		Fax #:																														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	MATRIX	PRESERV.	SAMPLING	DATE	TIME	CL.	TPH	8015																						
		# CONTAINERS																														
		GROUNDWATER																														
		WASTEWATER																														
		SOIL																														
		CRUDE OIL																														
		SLUDGE																														
		OTHER :																														
		ACID/BASE:																														
		ICE / COOL																														
OTHER :																																
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Relinquished By: <u>Joe Gatts</u>		Date: <u>8/31/04</u>		Received By: (Lab Staff)		Date: <u>8/31/04</u>		Time: <u>4:01</u>		Sample Condition		CHECKED BY: (Initials)		REMARKS:																
Sampler Relinquished:		Date:		Time:		Received By:		Date:		Time:		Sample Condition		CHECKED BY:																		
Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition		CHECKED BY:																		
Delivered By: (Circle One)		Date:		Time:		Received By:		Date:		Time:		Sample Condition		CHECKED BY:																		
Sampler - UPS - Bus - Other:		Date:		Time:		Received By:		Date:		Time:		Sample Condition		CHECKED BY:																		
Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sample Condition		CHECKED BY:		Date:		Time:		Sample Condition		CHECKED BY:																		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

EME jct. G-20
unit 'G', Sec. 20, T20S, R37E

Vertical Delineation at Source

Depth bgs (ft)	[Cl ⁻] ppm
7	917
8	804
9	520
10	448
11	247
12	81

Groundwater = 30 ft

