

1R - 427-281

REPORTS

DATE:

02 - 02 - 09

EMIE Jct HI-36 Vent

1R427-281

RECEIVED

MAY 27 1978

Environmental Bureau
Oil Conservation Division

DISCLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE* REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Jct. H-36 vent	H	36	20S	36E	Lea	moved 118 ft east		

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

Depth to Groundwater 123 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 5/24/2007 Date Completed 6/26/2007 OCD Witness no

Soil Excavated 44.4 cubic yards Excavation Length 10 Width 10 Depth 12 feet

Soil Disposed 36 cubic yards Offsite Facility Sundance Location Eunice, NM

FINAL ANALYTICAL RESULTS: Sample Date 6/21/2007 Sample Depth 12 ft

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
4-WALL COMP.	5.9	<10.0	<10.0	704
BOTTOM COMP.	6.6	<10.0	<10.0	720
BLENDED BACKFILL	4.5	<10.0	<10.0	1060

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	720
bottom comp.	12'	738
blended backfill	n/a	932
background	6"	198
vertical delineation trench at 5 ft north of the junction (source)	5'	146
	6'	203
	7'	181
	8'	295
	9'	362
	10'	354
	11'	545
	12'	596

General Description of Remedial Action: This junction was addressed during the pipeline replacement/upgrade program. A new, watertight junction box was built 118 ft east of the former. After the former box was removed, an investigation was conducted using a backhoe to collect a soil samples at regular intervals. The site was excavated to 10x10x12-ft-deep due to the box being located between two lease roads and a pipeline on site. Chloride field tests performed on each sample yielded some elevated concentrations. Organic vapors were measured using a PID, which yielded low concentrations. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH, which confirmed elevated concentrations of chloride. The excavated soil was then blended on-site and returned to the excavation up to 6 ft below ground surface (BGS). At 6-5 ft BGS, a 1-ft-thick clay barrier was installed. The site was then backfilled with clean, imported soil to ground surface and contoured to the surrounding area. On 7/13/2007, the site was seeded with a blend of native vegetation, and is expected to return to a productive capacity at a normal rate. An identification plate was placed on the surface at the former junction site to mark the presence of the clay below. NMOCD was notified of potential groundwater on 1/26/2009.

ADDITIONAL EVALUATION IS LOW PRIORITY

enclosures: photos, cross-section, 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 Noel Carmona SIGNATURE [Signature] COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 2-2-09

*This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.

EME Jct. H-36 vent

Unit H, Section 36, T20S, R36E



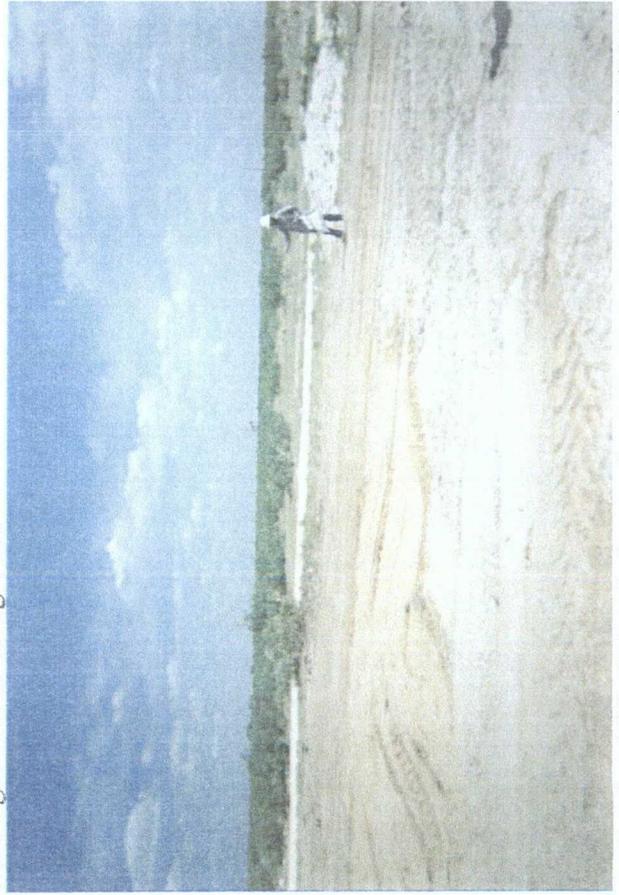
former junction box site in foreground and new, watertight box in background

7/18/2007



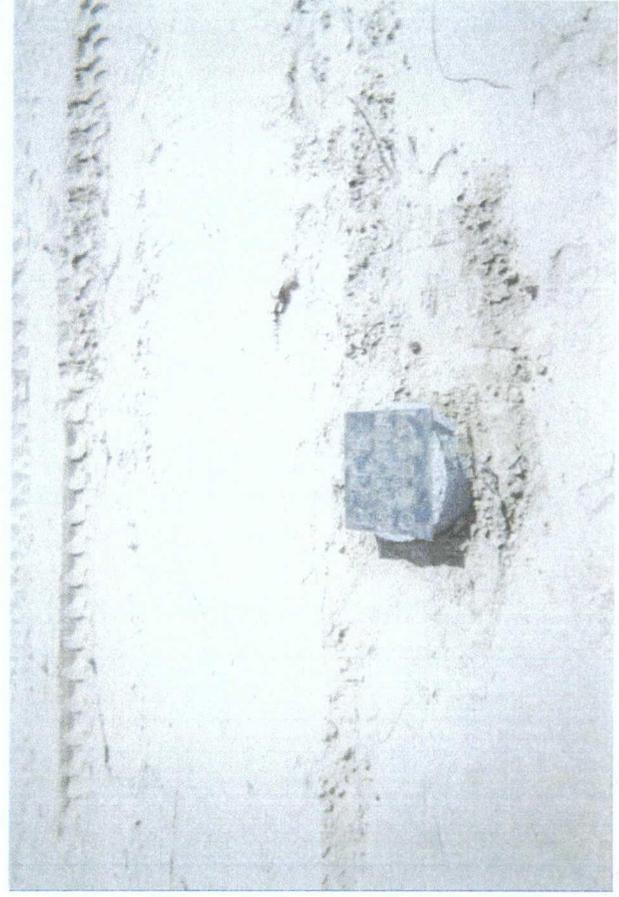
clay barrier being installed

6/25/2007



seeding backfilled site, facing north

7/13/2007



clay marker

7/16/2007

BD H-36 vent

10 x 10 x 12-ft-deep

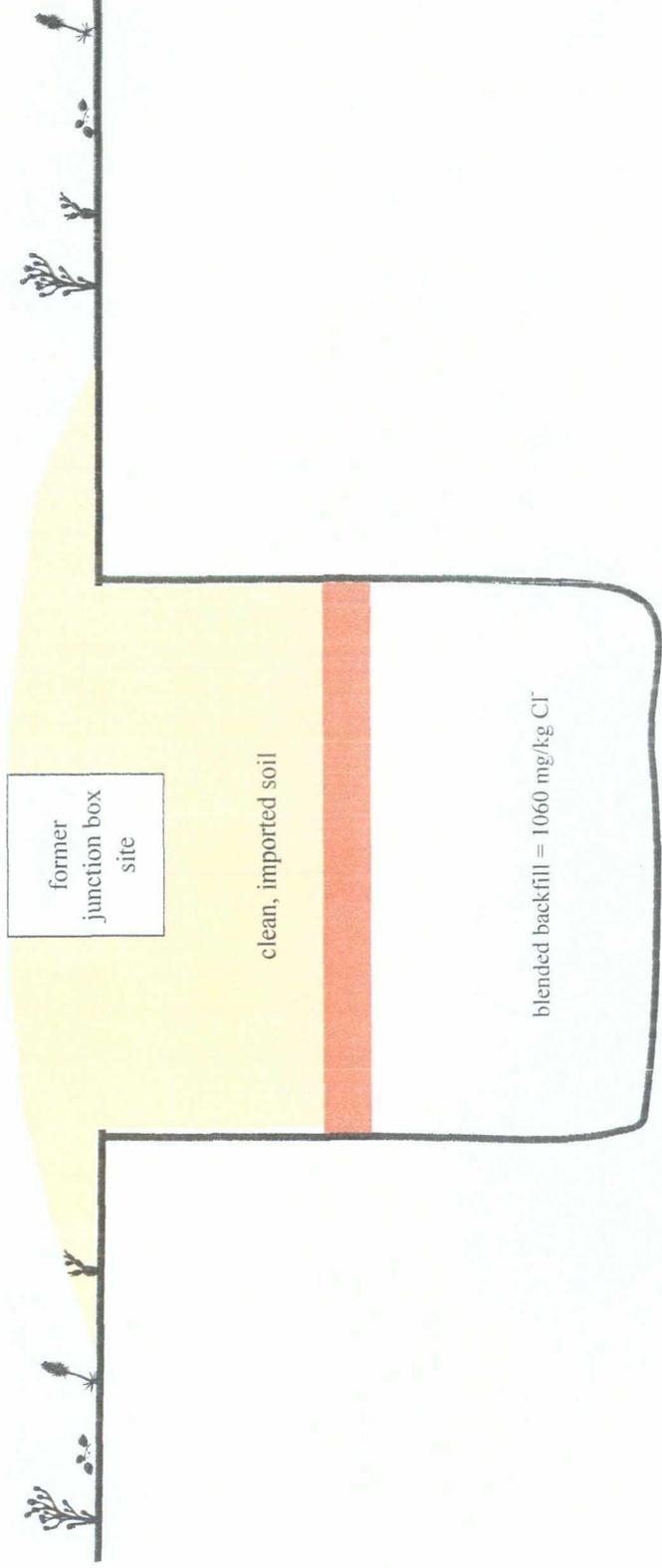
Excavation Cross-Section



10 ft

S

N



surface	0
ft BGS	1
	2
	3
	4
	5
	6
	7
	8
	9
	10
	11
	12



ARDINAL LABORATORIES

PHONE (505) 875-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 397-1326 • 1011 MARSHLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

COPY

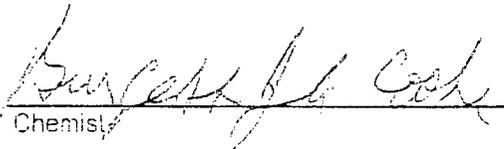
Receiving Date: 06/21/07
Reporting Date: 06/22/07
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: EME VENT H-36

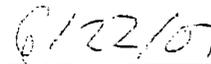
Sampling Date: 06/21/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC/IHM

LAB NUMBER	SAMPLE ID	GRO (C ₅ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		06/22/07	06/22/07	06/22/07
H12788-1	4 WALL COMP. @ 10'x10'	<10.0	<10.0	704
H12788-2	BTTM. 5PT. COMP. @ 12'	<10.0	<10.0	720
H12788-3	BLENDED BACKFILL	<10.0	<10.0	1060
Quality Control		777	762	500
True Value QC		800	800	500
% Recovery		97.1	95.2	100
Relative Percent Difference		5.3	3.9	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B

*Analyses performed on 1:4 w/v aqueous extracts.


Chemist


Date

H12788 RICE

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page _____ of _____

Company Name: Rice Operating Co. Project Manager: Roy A. Hanson Address: 122 W. Taylor City: Hobbs State: N.M., Zip: 88240 Phone #: 505-393-9174 Fax #: 505-397-1471 Project #: Project Name: FINE VENT A-36 Project Location: Sampler Name: Abel Carnison FOR LAB USE ONLY										BILL TO P.O. #: Company: Attn: Address: City: State: Phone #: Fax #:										ANALYSIS REQUEST									
Lab I.D. H1203-1 4 well Comp @ 10' x 10' 3 Btm 5 ft Comp @ 12' 3 Blended Backfill										Sample I.D.										CI-10 TPH 8015 m ✓ ✓ ✓									
MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:										PRESERV. ACID/BASE ICE/COOL OTHER:										SAMPLING DATE TIME									
(G)RAB OR (C)OMP. # CONTAINERS 1 1 1										✓ ✓ ✓										6-21-07 2:58 pm 12:46 pm 2:40 pm									

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 this 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 affiliates, officers 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.

Sampler Requisitioned By: [Signature]
Date: 6-21-07
Time:
Received By: [Signature]
Date:
Time:
Sample Condition: Intact? Yes No
Checked By: [Signature]
Delivered By: (Circle One)
 Sampler - UPS - Bus - Other:
REMARKS: Email Precison & Purvis & Carnison @ Rice said.com
Phone Result: Yes No
Fax Result: Yes No

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

CHLORIDE CONCENTRATION CURVE

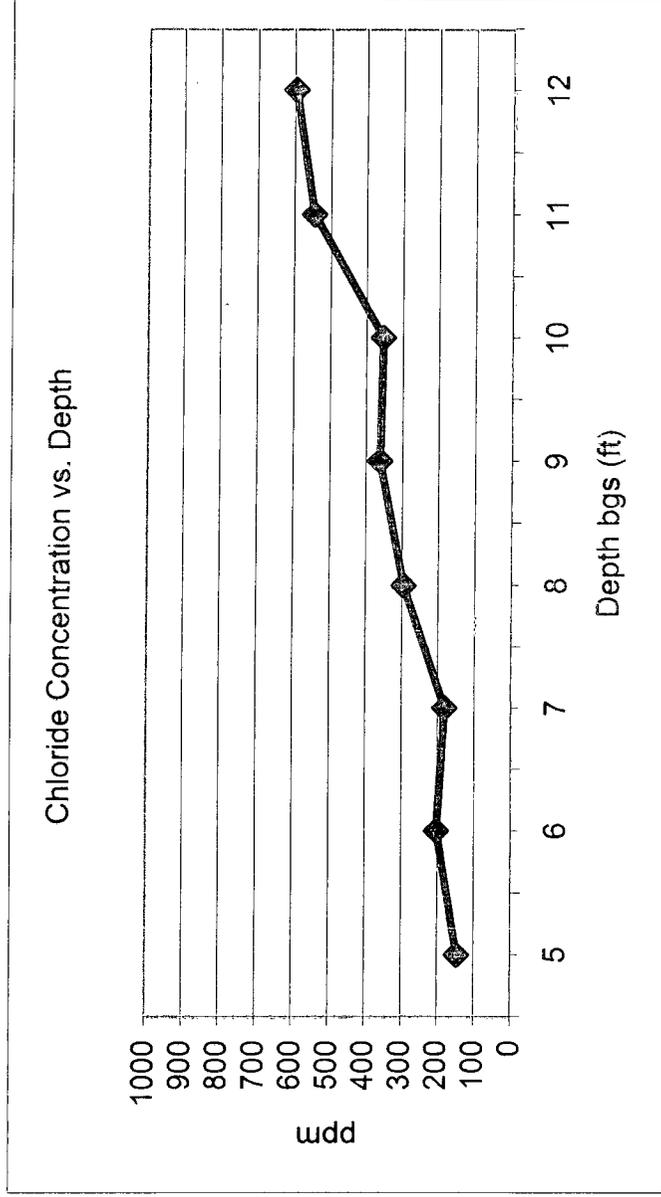
RICE Operating Company

EME Jct. H-36 vent

Unit 'H', Sec. 36, T20S, R36E

Backhoe samples at 5 ft north of the junction (source)

Depth bgs (ft)	[Cl] ppm
5	146
6	203
7	181
8	295
9	362
10	354
11	545
12	596



Groundwater = 123 ft