

1R - 427-241

REPORTS

DATE:

07-08-08

EME Jct K-32-1

R427-241

RECEIVED

MAY 25 2009

Environmental Bureau
Oil Conservation Division

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. K-32-1	K	32	20S	37E	Lea	Length	Width	Depth
							eliminated		

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

Depth to Groundwater 200 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 7/30/2007 Date Completed 8/30/2007 OCD Witness no

Soil Excavated 5.6 cubic yards Excavation Length 5 Width 2 Depth 15 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 8/28/2007 Sample Depth 15 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 15' GRAB	0.0	<10.0	<10.0	784
BACKFILL	0.0	<10.0	<10.0	544

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	1'	172
vertical delineation trench at junction	5'	242
	6'	347
	7'	256
	8'	338
	9'	849
	10'	935
	11'	1073
	12'	1033
	13'	559
	14'	814
	15'	600
backfill comp	n/a	659

General Description of Remedial Action: This junction box was eliminated during the pipeline replacement/upgrade program. After the box was removed, the site was investigated using a backhoe to collect soil samples at regular intervals producing a 5x2x15-ft-deep hole. Due to concerns of a 31" gas, steel pipeline running through the site, excavation could not be extended laterally; therefore, the source was excavated to 15' bgs. A chloride field test performed on each sample yielded chloride levels decreasing with depth. Organic vapors were measured using a PID, which yielded low concentrations. A commercial laboratory analysis was performed on the backfill composite as well as the deepest sample at the source (15' bgs). The site was then backfilled and contoured to the surrounding area. On 8/31/2007, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

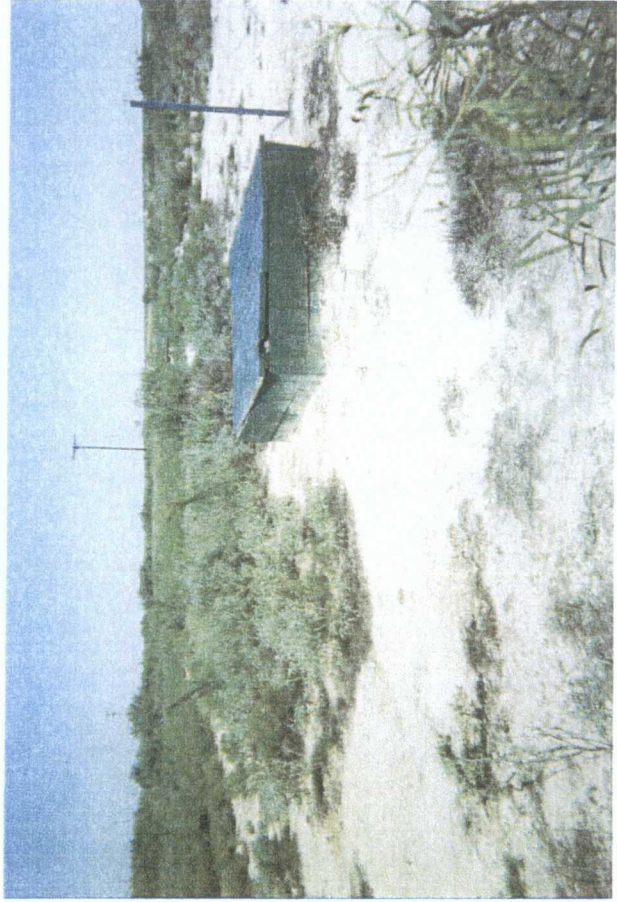
enclosures: photos, lab results, PID screenings, chloride graph

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

REPORT
ASSEMBLED BY Katie Jones INITIAL KJ COMPANY RICE OPERATING COMPANY
SITE SUPERVISOR Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr.
DATE 7-08-08 TITLE PROJECT LEADER

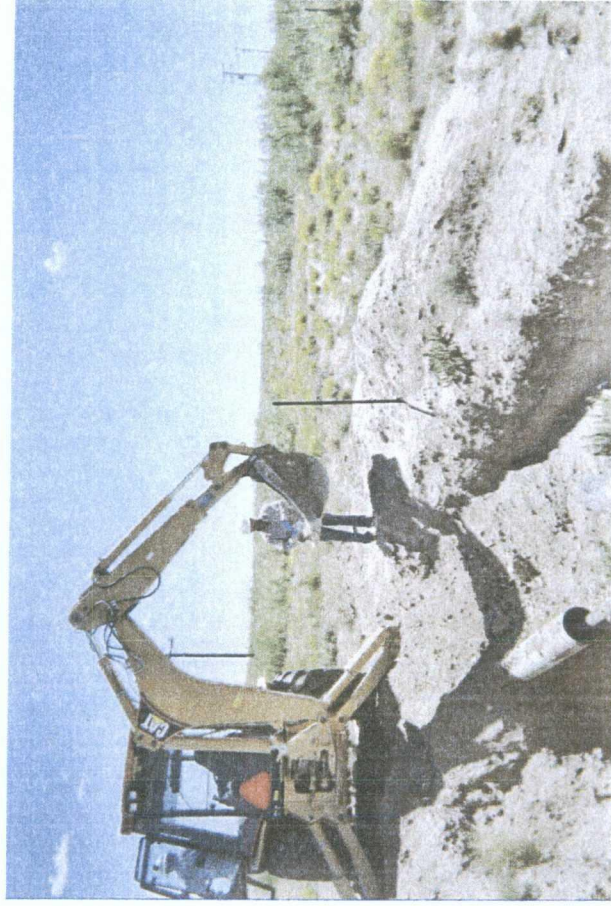
EME Jct. K-32-1

Unit K, Section 32, T20S, R37E



undisturbed junction box, facing north

8/31/2005



sample taken at 12 feet bgs, facing east

8/28/2007



31 inch gas, steel pipeline

8/28/2007



seeding backfilled site

8/31/2007

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

COPY

Receiving Date: 08/28/07
Reporting Date: 08/29/07
Project Number: NOT GIVEN
Project Name: EME JCT. K-32-1
Project Location: EME JCT. K-32-1

Sampling Date: 08/28/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/KS

LAB NUMBER	SAMPLE ID	GRO	DRO	Cl*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	
ANALYSIS DATE		08/28/07	08/28/07	08/29/07
H13185-1	SOURCE 15'	<10.0	<10.0	784
H13185-2	BLENDED BACKFILL	<10.0	<10.0	544
Quality Control		776	767	490
True Value Q.C		800	800	500
% Recovery		97.0	95.8	98.0
Relative Percent Difference		1.6	0.4	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

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

NOV 23 2007

DATE OF REPORT
12/15/2001

Chemist

Dated

H13185 RICE

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 client for 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 thirty (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.

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK.
MODEL
NO.

✓

MODEL: PGM 761S
MODEL: PGM 7600
MODEL: PGM 7600
MODEL: PGM 7600

SERIAL NO: 104412
SERIAL NO: 110-013744
SERIAL NO: 110-12383
SERIAL NO: 110-013676

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 06-3079	EXPIRATION DATE: 5/03/08
FILL DATE: 11/03/06	METER READING ACCURACY: 100 ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	K-32-1	K	32	20S	37E

Source

SAMPLE ID	PID	SAMPLE ID	PID
@ 5'	0.2		
@ 6'	0		
@ 7'	0		
@ 8'	0		
@ 9'	0		
@ 10'	0		
@ 11'	0		
@ 12'	0		
@ 13'	0		
@ 14'	0		
@ 15'	0		

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

SIGNATURE:

Bruce Baker

DATE:

8-28-07

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME K-32-1

unit 'K', Sec. 32, T20S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
5	242
6	347
7	256
8	338
9	849
10	935
11	1073
12	1033
13	559
14	814
15	600

Groundwater = 200 ft

