

1R - 427-239

# REPORTS

DATE:

7-2-08

EME Jct L-16

1R427-239

RECEIVED

MAR 25 1989

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. L-16	L	16	20S	37E	Lea	Length	Width	Depth
							eliminated		

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

Depth to Groundwater 20 feet NMOC SITE ASSESSMENT RANKING SCORE: 20

Date Started 11/15/2007 Date Completed 11/19/2007 OCD Witness no

Soil Excavated n/a cubic yards Excavation Length n/a Width n/a Depth n/a feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 11/15/2007 Sample Depth 16 ft.

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOC guidelines.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 16' GRAB	0.8	<10.0	<10.0	272
BACKFILL	0.0	<10.0	<10.0	48

General Description of Remedial Action: This junction box was eliminated during the pipeline replacement/upgrade project. A hand auger was used to collect samples at regular intervals. Field data suggest that the site is low in organic vapors, and chloride concentrations in the soil are similar to that of the background soil sample. The deepest sample (16' bgs) was sent to a commercial laboratory for analysis, which confirmed that the site is low in chloride and organics. On 11/19/2007, site was backfilled and contoured to the surrounding area. On 11/20/2007 the disturbed area was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	209
hand auger below junction (source)	10'	445
	11'	504
	12'	436
	13'	1004
	14'	927
	15'	438
	16'	284
backfill comp.	n/a	155

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

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

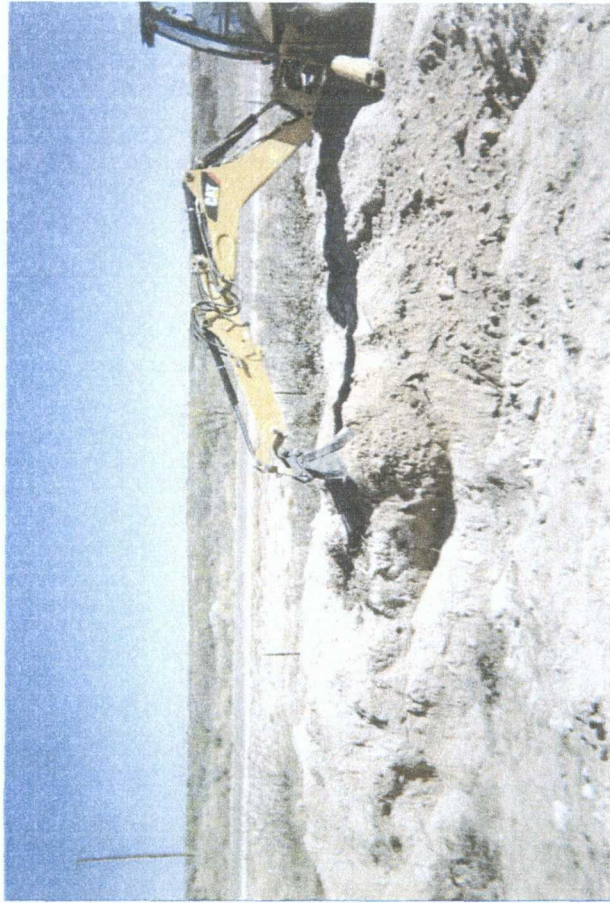
REPORT ASSEMBLED BY Katie Jones INITIAL KJ COMPANY RICE OPERATING COMPANY

SITE SUPERVISOR Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr.

DATE 7-2-08 TITLE PROJECT LEADER

# EME Jct. L-16

Unit L, Section 16, T20S, R37E



backfilling of site (W to E)

11/19/2007



seeding backfilled site (SW to NE)

11/20/2007



back dragging site

11/20/2007



completed site

11/20/2007

# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (505) 393-9174 FAX: (505) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

COPY

CK.  
 MODEL  
 NO.

<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

MODEL: PGM 7600 SERIAL NO: 110-013676  
 MODEL: PGM 7600 SERIAL NO: 110-013744  
 MODEL: PGM 7600 SERIAL NO: 110-12383  
 MODEL: PGM 7600 SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 4/08/09
FILL DATE: 10/08/07	METER READING ACCURACY: 100ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Jct. L-16	L	16	205	37E

Source

Background

SAMPLE ID	PID	SAMPLE ID	PID
10'	3.6	6"	2.2
11'	1.3		
12'	2.7		
13'	22.3		
14'	6.9		
15'	1.3		
16'	0.8		

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

SIGNATURE:

Bruce Baker

DATE:

11-15-07

# RICE OPERATING COMPANY

COPY

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 7600  
MODEL: PGM 7600  
MODEL: PGM 7600  
MODEL: PGM 7600

SERIAL NO: 110-013676  
SERIAL NO: 110-013744  
SERIAL NO: 110-12383  
SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 4/08/09
FILL DATE: 10/08/07	METER READING ACCURACY: 101 ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Jct. L-16	L	16	205	37E

Backfill

SAMPLE ID	PID	SAMPLE ID	PID
Backfill	0		

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

SIGNATURE:

Bruce Becker

DATE:

11-16-07





COPY

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  
FAX TO: (575) 397-1471

NOV 26 2007

Receiving Date: 11/16/07  
Reporting Date: 11/19/07  
Project Owner: NOT GIVEN  
Project Name: EME JCT. L-16  
Project Location: EME JCT. L-16

Sampling Date: 11/15/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: CK  
Analyzed By: CK/KS

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>12</sub> ) (mg/kg)	DRO (>C <sub>12</sub> -C <sub>28</sub> ) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE		11/16/07	11/16/07	11/16/07
H13731-1	SOURCE @ 16'	<10.0	<10.0	272
Quality Control		511	536	500
True Value QC		500	500	500
% Recovery		102	107	100
Relative Percent Difference		1.9	<0.1	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Std. Methods 4500-Cl<sup>-</sup>B

\*Analysis performed on a 1:4 w:v aqueous extract.

Chemist

Date

H13731TCL 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.

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603  
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

[illegible]

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Relinquished By: <i>Bruce Barber</i>	Date: <i>11-16-07</i> Time: <i>2:11 PM</i>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #: REMARKS: <i>Email to baker@riceisd.com</i>
Relinquished By:	Date: <i>11-16-07</i> Time: <i>2:10</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #: REMARKS: <i>See to jparvis@riceisd.com</i>
Delivered By: (Circle One) <u>Sampler</u> UPS - Bus - Other:	Sample Condition Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <i>MB</i>

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



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ANALYTICAL RESULTS FOR  
RICE OPERATING COMPANY  
ATTN: BRUCE BAKER  
122 W. TAYLOR  
HOBBS, NM 88240  
FAX TO: (575) 397-1471

NOV 23 2007

40894

Receiving Date: 11/16/07  
Reporting Date: 11/19/07  
Project Owner: NOT GIVEN  
Project Name: EME JCT. L-16  
Project Location: EME JCT. L-16

Sampling Date: 11/16/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: SB  
Analyzed By: CK/KS

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>12</sub> ) (mg/kg)	DRO (>C <sub>12</sub> -C <sub>28</sub> ) (mg/kg)	Cl* (mg/kg)
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ANALYSIS DATE	11/16/07	11/16/07	11/16/07
H13737-1 BACKFILL	<10.0	<10.0	48
Quality Control	511	536	500
True Value QC	500	500	500
% Recovery	102	107	100
Relative Percent Difference	1.9	<0.1	<0.1

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

\*Analysis performed on a 1:4 w:v aqueous extract.

Chemist

Date

H13737TCL RICE

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CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME Jct. L-16

unit 'L', Sec. 16, T20S, R37E

Hand auger samples at junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
10	445
11	504
12	436
13	1004
14	927
15	438
16	284

Groundwater = 20 ft

