

1R - 427-356

REPORTS

DATE:

2-28-11

---

1R427-35

EME Jct. H-32

2010

RECEIVED

APR -1 2011

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

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. H-32	H	32	19S	37E	Lea	Length	Width	Depth
							Eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Irwin Boyd OTHER \_\_\_\_\_

Depth to Groundwater 31 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 7/26/2010 Date Completed 7/26/2010 OCD Witness no

Soil Excavated 0.0 cubic yards Excavation Length 0 Width 0 Depth 0 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 7/26/2010 Sample Depth 12 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 @ 12'	60.2	<10.0	<10.0	64

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
Soil Bore # 1 at former junction (Source)	3'	59
	4'	98
	5'	89
	6'	101
	7'	108
	8'	91
	9'	86
	10'	89
	11'	88
	12'	85

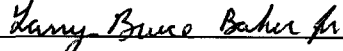
**General Description of Remedial Action:** This junction was eliminated during the pipeline replacement/upgrade program. After the junction box was removed, a soil bore was conducted at the former junction box due to the inability to excavate through the rock formation. Chloride field test performed on each sample yielded low concentrations. Organic vapors were measured using a PID, which yielded relatively low concentrations. The deepest sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations of each. The entire bore hole was plugged with bentonite to ground surface. The site was not seeded due to the vegetation was intact.

enclosures: photos, soil bore log, lab results, PID (field) screenings, 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 Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE  DATE 2-28-11

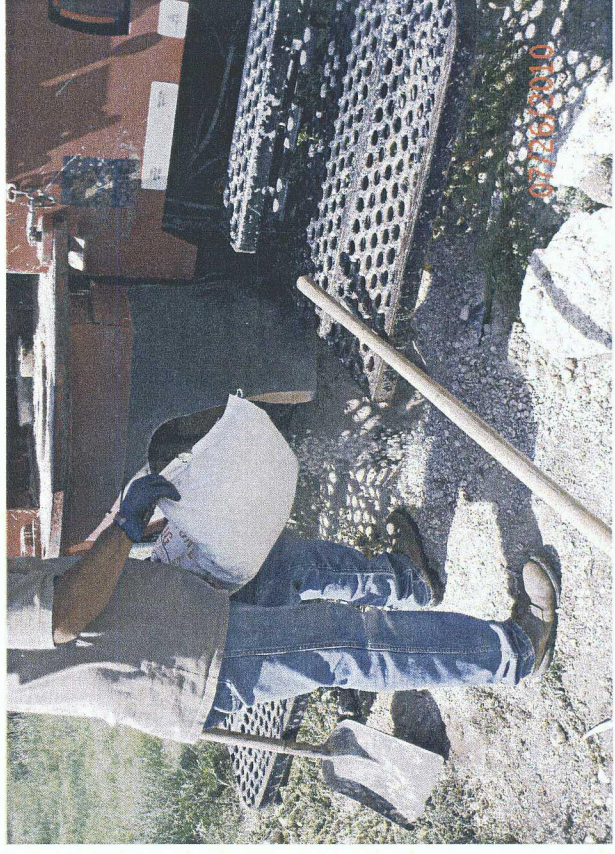
# EME Jct. H-32

Unit H Section 32, T19S, R37E



Drilling Soil bore

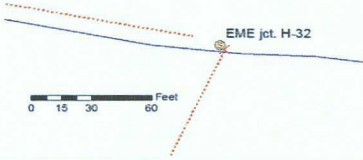

7/26/2010



Soil Bore plugged with bentonite

7/26/2010



Logger:	Lara Weinheimer					
Driller:	Harrison & Cooper					
Consultant:	RECS					
Drilling Method:	Air Rotary					
Start Date:	7/26/2010					
End Date:	7/26/2010	<b>Project Name:</b> EME jct. H-32		<b>Well ID:</b> SB-1		
<b>Comments:</b> All samples from cuttings. Located at source of the former junction box site. Drafted by: Lara Weinheimer TD = 12 ft      Estimated depth to GW = 31 ft		<b>Location:</b> UL/H sec. 32 T19S R37E <b>Lat:</b> N 32°37'0.877" <b>County:</b> Lea <b>Long:</b> W 103°15'56.903" <b>State:</b> NM				
Depth (feet)	chloride field tests	LAB	PID	Description	Lithology	Well Construction
3 ft	59		0.8	Tan to black caliche with chert. Slight odor.		
4 ft	98		0.8			
5 ft	89		1.2			
6 ft	101		11.9			
7 ft	108		13.6			
8 ft	91		60.2	White coarse caliche		<div style="border-left: 1px solid black; border-right: 1px solid black; height: 100%; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);">bentonite seal</div> </div>
9 ft	86		0.8			
10 ft	89		0.2			
11 ft	88		1.5			
12 ft	85	CI- 64	1.2			
		GRO < 10				
		DRO < 10				

COPY

ANALYTICAL RESULTS FOR  
RICE OPERATING COMPANY  
ATTN: BRUCE BAKER  
112 W. TAYLOR  
HOBBS, NM 88240

Receiving Date: 07/28/10  
Reporting Date: 07/29/10  
Project Number: NOT GIVEN  
Project Name: EME JCT. H-32 (19/37)  
Project Location: EME JCT. H-32 (19/37)

Sampling Date: 07/26/10  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: JH  
Analyzed By: AB/HM

LAB NUMBER SAMPLE ID

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

ANALYSIS DATE	07/29/10	07/29/10	07/29/10
H20443-1 SOURCE @ 12' BGS	<10.0	<10.0	64
Quality Control	465	456	520
True Value QC	500	500	500
% Recovery	93.0	91.2	104
Relative Percent Difference	0.3	0.5	< 0.1

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

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

Reported on wet weight.

Chemist

07/29/10  
Date

H20443 TCL RICE

ARDINAL LABORATORIES

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]

PLEASE NOTE: Utility 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 service. All claims, including those for negligence and any other cause whatsoever shall be deemed voided unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In the event that 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 or affiliates or successors arising out of or related to the performance of services hereunder for the above said reasons or otherwise.

Relinquished By: 		Date:	Received By:	
Time:				
Date: 1/28/10			Received By: Jodi Benson	
Time: 1:25				
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>S</u>		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: Initials 

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2455.

#26

# RICE OPERATING COMPANY

122 West Taylor ~ Hobbs, NM 88240

PHONE: (575) 393-9174 FAX: (575) 397-1471

## PID METER CALIBRATION & FIELD REPORT FORM

CK  
MODEL  
NO.

✓

MODEL: PGM 7300

SERIAL NO: 590-000183

MODEL: PGM 7300

SERIAL NO: 590-000504 *508*

MODEL: PGM 7600

SERIAL NO: 110-12383

MODEL: PGM 7600

SERIAL NO: 110-02920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <i>930132</i>	EXPIRATION DATE: <i>9-28-13</i>
FILL DATE:	METER READING ACCURACY: <i>100.1</i>

ACCURACY: +/- 2%

SYSTEM	SITE	UNIT	SECTION	TOWNSHIP	RANGE
EME	Jet H-32	H	32	T19S	R37E

SAMPLE ID: *Soil bore #1*

DEPTH	PID
3'	0.8
4'	0.8
5'	1.2
6'	11.9
7'	13.6
8'	60.2

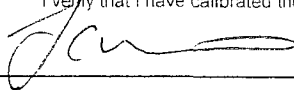
DEPTH	PID

DEPTH	PID

DEPTH	PID

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

Signature



Date

*7-26-10*

SITE MAP

N ↑

COPY



# CHLORIDE CONCENTRATION CURVE

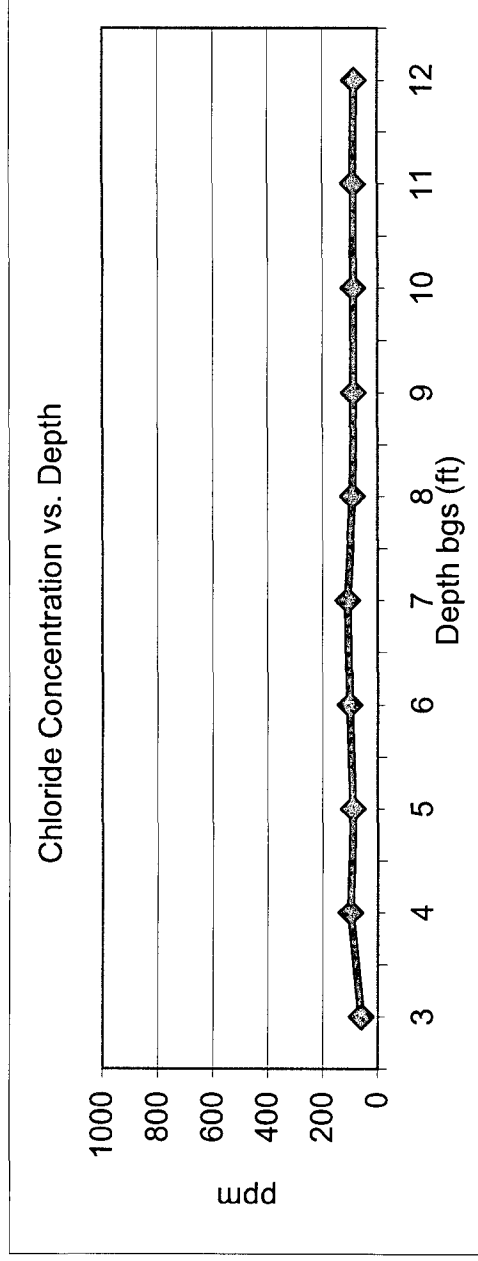
RICE Operating Company

## EME Jct. H-32

Unit 'H', Sec. 32, T19S, R37E

Soil bore at the former junction (source)

Depth bgs (ft)	Cl ppm
3	59
4	98
5	89
6	101
7	108
8	91
9	86
10	89
11	88
12	85



Groundwater = 31 ft.