

1R - 427-294

REPORTS

DATE:

5-8-09

**EME Jct K-15
2009**

1R425-294

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

EME Jct. K-15

Unit K, Section 15, T21S, R36E



excavating the source, facing south

1/13/2009



collecting a soil sample, facing south

1/13/2009



final excavation, facing north

1/13/2009



seeding backfilled site, facing south

2/25/2009



ARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: ERIC GARRISON
122 W. TAYLOR
HOBBS, NM 88240

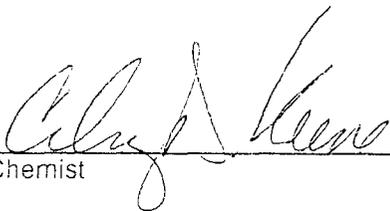
Receiving Date: 01/13/09
Reporting Date: 01/19/09
Project Number: NOT GIVEN
Project Name: EME JCT K-15
Project Location: EME JCT K-15

COPY

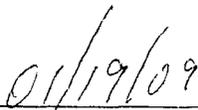
Sampling Date: 01/13/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		01/17/09	01/17/09	01/14/09
H16675-1	SOURCE BTTM GRAB @ 9'	<10.0	<10.0	80
Quality Control		422	458	500
True Value QC		500	500	500
% Recovery		84.4	91.6	100
Relative Percent Difference		4.7	4.8	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB
*Analysis performed on a 1:4 w:v aqueous extract.



Chemist



Date

H16675 TCL 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. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

RICE OPERATING COMPANY

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

CK.	<input type="checkbox"/>
MODEL.	<input checked="" type="checkbox"/>
NO.	<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

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <i>08-3425</i>	EXPIRATION DATE: <i>08-29-09</i>
FILL DATE: <i>02-29-08</i>	METER READING ACCURACY: <i>100PPM</i>

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<i>Eme</i>	<i>K-15</i>	<i>K</i>	<i>15</i>	<i>N/S</i>	<i>36E</i>

Initial source

Background

SAMPLE ID	PID	SAMPLE ID	PID
<i>5</i>	<i>5.1</i>	<i>6th</i>	<i>0.0</i>
<i>6</i>	<i>2.7</i>		
<i>7</i>	<i>1.8</i>		
<i>8</i>	<i>1.4</i>		
<i>9</i>	<i>nil</i>		

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

SIGNATURE: *Eric Garrison*

DATE: *1-13-09*

CHLORIDE CONCENTRATION CURVE

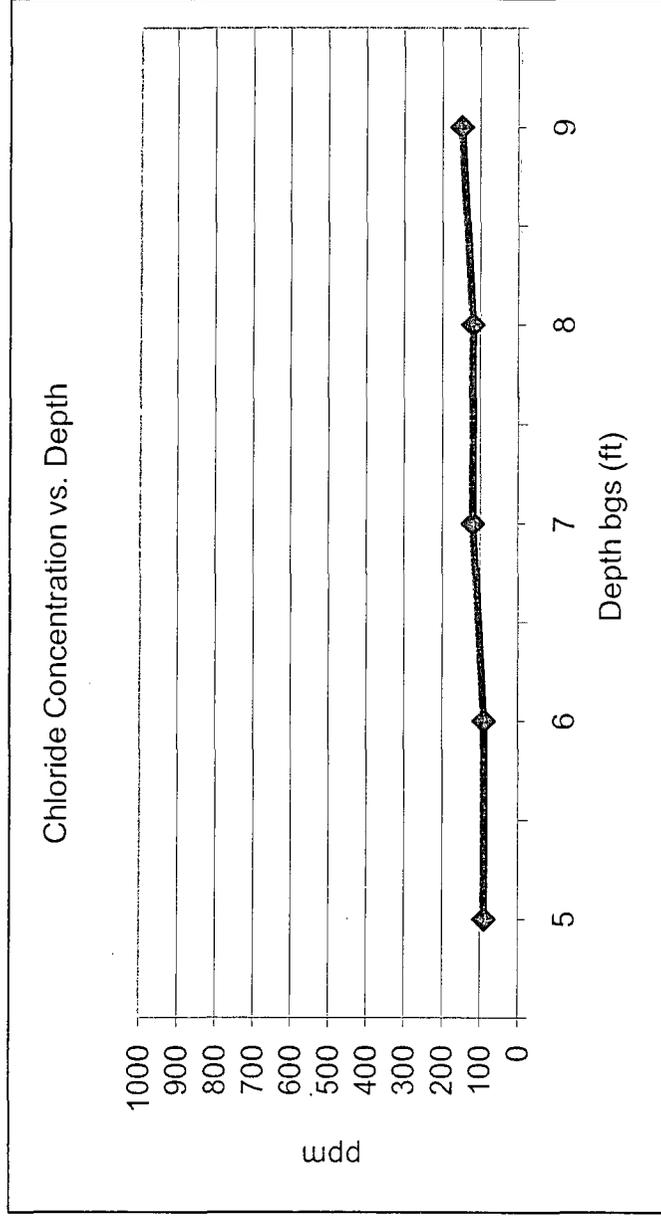
RICE Operating Company

EME Jct. K-15

Unit 'K', Sec. 15, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
5	90
6	90
7	120
8	120
9	150



Groundwater = 175 ft