

1R - 427-348

REPORTS

DATE:

3-18-11

1R427-348

**EME O-13 EOL**

**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)	O-13 EOL	O	13	20S	36E	Lea	Length	Width	Depth
							Eliminated		

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

Depth to Groundwater 32 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 6/15/2010 Date Completed 6/15/2010 OCD Witness No

Soil Excavated 3.9 cubic yards Excavation Length 5 Width 3 Depth 7 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 6/15/2010 Sample Depth 7 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 7' GRAB	0.0	<10.0	<10	<16

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	83
vertical delineation trench at the junction (source)	3'	62
	4'	60
	5'	83
	6'	60
	7'	57

**General Description of Remedial Action:** This junction and line were eliminated during the pipeline replacement/upgrade program. After the former junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals,

creating a 5x3x7 ft. deep excavation. Chloride field tests were performed on each sample, which yielded low concentrations of chloride similar to that of the background sample. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 7 ft. BGS, was sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride and organics. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 11/12/2010, 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 (field) screenings, chloride graph

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

SITE SUPERVISOR Joe Gatts SIGNATURE Not Available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 3-18-11



# EME O-13 EOL

Unit O, Section 13, T20S, R36E



Delineation trench being dug

6/15/2010



Final excavation

6/15/2010



Seeding site

11/12/2010



Covering seed

11/12/2010





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

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

Receiving Date: 06/15/10  
Reporting Date: 06/17/10  
Project Number: NOT GIVEN  
Project Name: EME O-13 EOL (20/36)  
Project Location: EME O-13 EOL (20/36)

Sampling Date: 06/15/10  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: JH  
Analyzed By: AB/HM

LAB NUMBE	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	CI* (mg/kg)
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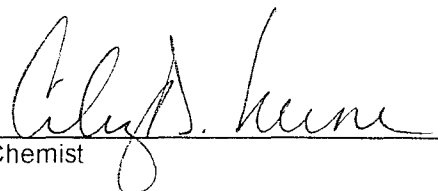
ANALYSIS DATE	06/16/10	06/16/10	06/16/10
H20122-1 SOURCE @ 7'	<10.0	<10.0	< 16
Quality Control	504	460	500
True Value QC	500	500	500
% Recovery	101	92.0	100
Relative Percent Difference	0.2	1.0	< 0.1

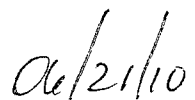
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB

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

Reported on wet weight.

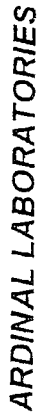
COPY

  
Chemist

  
Date

H20122 TCL RICE

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

926

# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

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

## PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:


Model: PGM 7300

Serial No: 590-000183

Model: PGM 7300

Serial No: 590-000508

Model: PGM 7300

Serial No: 590-000504

✓

Model: PGM 7600

Serial No: 110-023920

Model: PGM 7600

Serial No: 110-013744

Model: PGM 7230

Serial No: 592-903318

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : <u>928547</u>	EXPIRATION DATE: <u>2/04/2013</u>
FILL DATE:	METER READING ACCURACY: <u>100.1</u>

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	0-13 Eol	0	13	20	36

SAMPLE ID	PID	SAMPLE ID	PID
Back ground @ 6"	φ		
Source @ 3'	φ		
Source @ 4'	φ		
Source @ 5'	φ		
Source @ 6'	φ		
Source @ 7'	φ		

COPY

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

SIGNATURE:

*Joe Butts*

DATE:

6/15/10

CHLORIDE CONCENTRATION CURVE

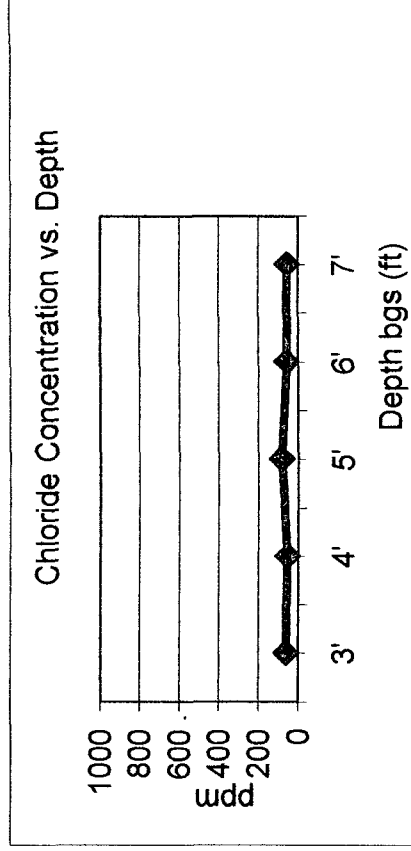
RICE Operating Company

EME O-13 EOL

Unit 'O', Sec. 13, T20S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
3'	62
4'	54
5'	83
6'	60
7'	57



Groundwater = 32 ft.