

1R - 427-225

**REPORTS**

**DATE:**

4-1-08

EME Conoco C-20 EOL BOOT

1R427-225

Closure

4-1-08

RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Conoco C-20 EOL boot	K	20	21S	36E	Lea	moved 50 ft northwest		

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

Depth to Groundwater 230 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 9/17/2007 Date Completed 10/29/2007 NMOCD Witness no

Soil Excavated 67 cubic yards Excavation Length 15 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 10/24/2007 Sample Depth 12

5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	34.9	<10.0	88.7	304
BOTTOM COMP.	24.0	<10.0	60.3	432
BACKFILL	83.7	<10.0	267.0	224

LOCATION	DEPTH (ft)	ppm
4-wall comp.	n/a	253
bottom comp.	12	367
backfill comp.	n/a	274

General Description of Remedial Action:

This junction box was replaced 50 ft northwest with a new concrete box as part of the pipeline replacement and upgrade program. After the old box was removed, a backhoe was used to collect soil samples from the site, producing a 15 x 10 x 12-ft-deep excavation. Chloride field tests were performed on each sample and revealed low concentrations similar to those of the background sample. Organic vapors were measured in the field using a PID and also yielded low concentrations. Confirmation composite samples from the floor, walls, and blended backfill were collect for laboratory analysis. Laboratory results confirmed that TPH values meet NMOCD guidelines. The excavated soil was returned to the excavation and contoured to the surrounding surface. The disturbed surface was seeded on 10/29/2007 with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

enclosures: photos, lab results, PID field screenings

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

SITE SUPERVISOR L. Bruce Baker SIGNATURE Larry Bruce Baker Sr. COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 1/8/2008 TITLE Project Scientist

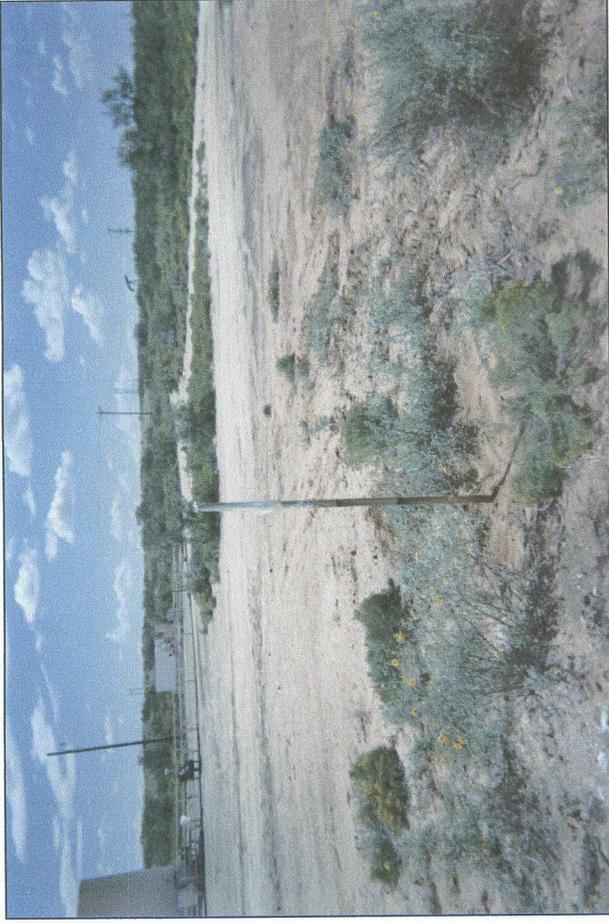
# EME Conoco C-20 EOL boot

Unit K, Section 20, T21S, R36E



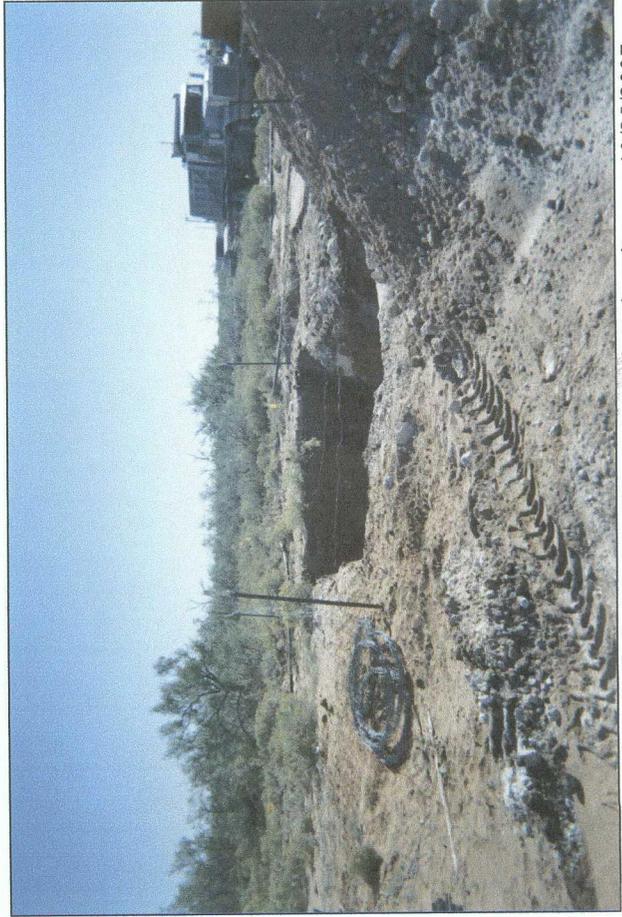
undisturbed junction box with boot

5/21/2004



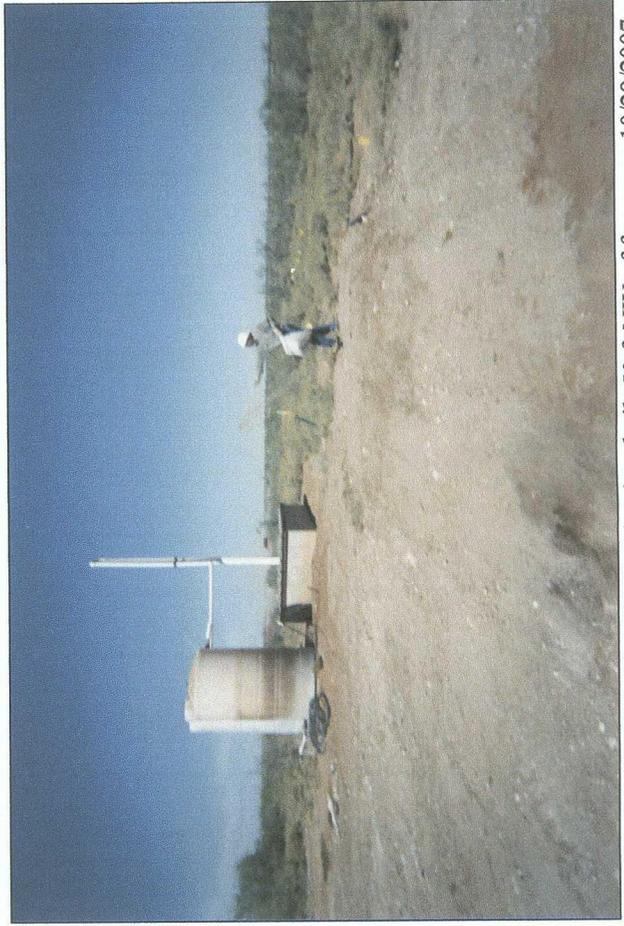
old box removed and marked with flagged stake in foreground

9/18/2007



final 15 x 10 x 12-ft-deep excavation at former junction site

10/25/2007



seeding backfilled area, new junction box built 50 ft NW of former

10/29/2007



# ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

RECEIVED

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

OCT 30 2007

RICE OPERATING  
HOBBS, NM

Receiving Date: 10/24/07  
Reporting Date: 10/26/07  
Project Number: NOT GIVEN  
Project Name: EME BOOT K-20  
Project Location: EME BOOT K-20

Sampling Date: 10/24/07  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: SB  
Analyzed By: BC/KS

COPY

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)	CI* (mg/Kg)
	ANALYSIS DATE	10/25/07	10/25/07	10/25/07
H13575-1	5 PT BTTM COMP. @ 12'	<10.0	60.3	432
H13575-2	4 WALL COMP. 10'x15'	<10.0	88.7	304
H13575-3	BLENDED BACKFILL	<10.0	267	224
	Quality Control	773	761	500
	True Value QC	800	800	500
	% Recovery	96.6	95.1	100
	Relative Percent Difference	<0.1	0.8	<0.1

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

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

Burgess J.A. Cook  
Chemist

10/24/07  
Date

H13575 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:	<input checked="" type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013744
NO.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-12383
	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 4/06/09
FILL DATE: 10/06/07	METER READING ACCURACY: 100

ACCURACY : +/- 2%

*AKA Conoco 'C-20' Boot EOL*

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Boot K-20	K	20	21S	36E

SAMPLE ID	PID	SAMPLE ID	PID
5pt. Btm Comp.	24.0		
4 Wall Comp	34.9		
Blended Backfill	83.7		

COPY

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

SIGNATURE: *Bruce Baker*

DATE: 10-24-07