

1R - 427-206

REPORTS

DATE:

2006

EME

M-16-3

IR-427-206

RECEIVED

APR - 4 2007

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		
							Length	Width	Depth
EME	jct. M-16-3	M	16	20S	37E	Lea	no box--jct. eliminated		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 21.27 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 8/7/2006 Date Completed 8/29/2006 NMOCD Witness no

Soil Excavated 89 cubic yards Excavation Length 20 Width 10 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 8/9/2006 Sample Depth 12 ft

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 ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	19.5	<10.0	<10.0	16
BOTTOM COMP.	2.6	<10.0	<10.0	224
BACKFILL	5.1	<10.0	<10.0	64

LOCATION	DEPTH (ft)	ppm
4-wall comp.	n/a	143
bottom comp.	12	373
backfill comp.	n/a	146

General Description of Remedial Action: This junction was eliminated as part of the pipeline replacement/upgrade program. After the box lumber was removed, the jct. site was delineated using a backhoe that collected soil samples at regular intervals. Chloride field tests and OVM were performed on all samples and yielded very low chloride concentrations. PID measurements yielded very low OVM. These samples did not exhibit any physical indicators of adverse impact from the jct. box. After the collection of final excavation samples for laboratory analysis, the excavated soil was blended on site and then backfilled into the excavation and contoured to the surrounding terrain. The disturbed surface was seeded on 9/1/2006 with a blend of native vegetation and is expected to return to productive capacity at a normal rate.

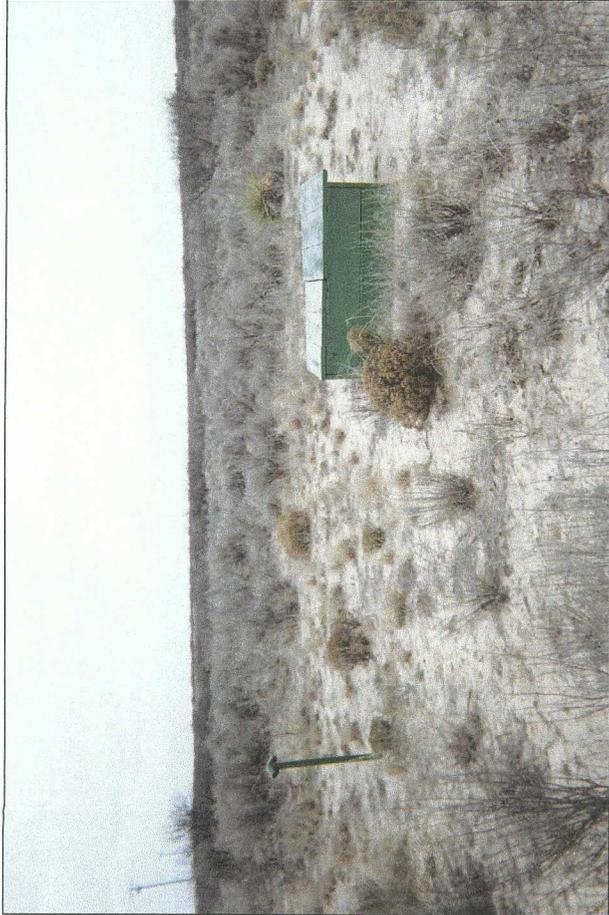
enclosures: photos, lab results, PID field screenings

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

SITE SUPERVISOR Roy Rascon SIGNATURE Roy R. Rascon COMPANY RICE Operating Company

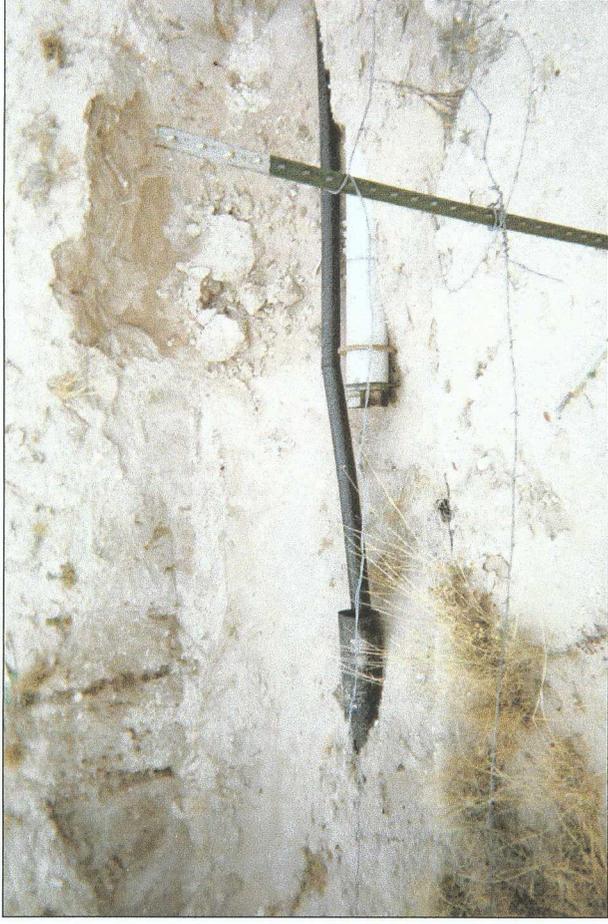
REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope
DATE 9/11/2006 TITLE Project Scientist

EME jct. M-16-3



undisturbed junction box

1/31/2005



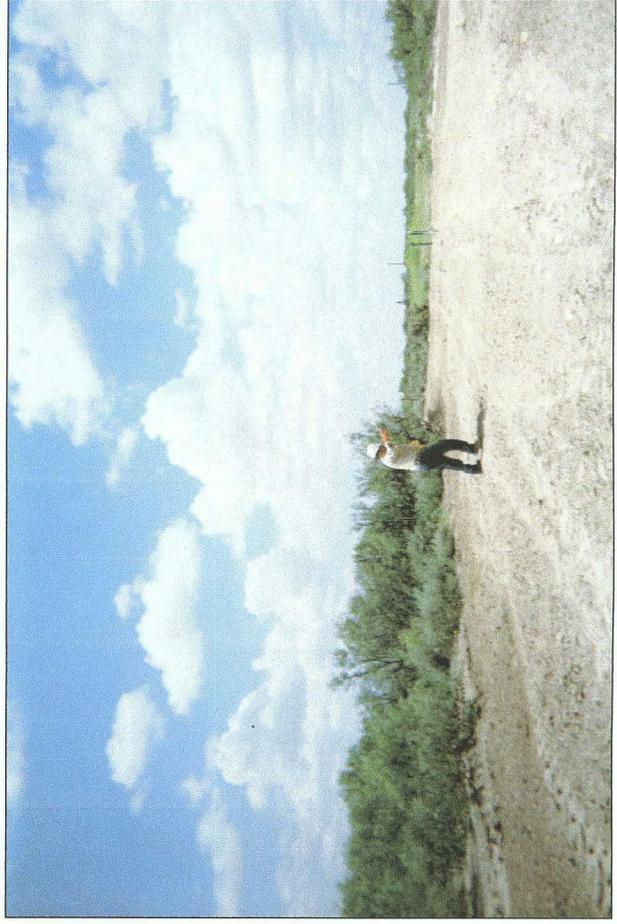
box removed; new pipeline

7/24/2006



20 x 10 x 12-ft-deep excavation

8/9/2006



seeding disturbed area

9/1/2006



**ARDINAL
LABORATORIES**

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

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

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

COPY

Receiving Date: 08/09/06
Reporting Date: 08/10/06
Project Number: NOT GIVEN
Project Name: EME JCT M-16-3
Project Location: NOT GIVEN

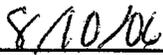
Sampling Date: 08/09/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
	ANALYSIS DATE	08/10/06	08/10/06	08/10/06
H11424-1	BLENDED BACKFILL	<10.0	<10.0	64
H11424-2	4 WALL COMP. 20'x10'	<10.0	<10.0	16
H11424-3	5 PT. COMP. BTM. @ 12'	<10.0	<10.0	224
	Quality Control	748	756	980
	True Value QC	800	800	1000
	% Recovery	93.5	94.5	98.0
	Relative Percent Difference	2.0	0.5	0.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B
*Analyses performed on 1:4 w:v aqueous extracts.



Chemist



Date

H11424

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

VOC FIELD TEST REPORT FORM

PID METER READING & CALIBRATION

CK. MODEL: PGM 761S
 MODEL MODEL: PGM 761S
 NO. MODEL: PGM 7600
 LOT NO: 05-2992
 FILL DATE: 11-1-05
 ACCURACY: +/- 2%

SERIAL NO: 104412
 SERIAL NO: 104490
 SERIAL NO: 110-12383

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

EXP. DATE: 5-1-07

METER READING ACCURACY: 100.0

SYSTEM JUNCTION UNIT SECTION TOWNSHIP RANGE

EME	M-16-3	M	16	T20S	R37E
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All composite samples

SAMPLE	PID RESULTS	SAMPLE	PID RESULTS
NORTH WALL	2.4		
S. WALL	1.8		
EAST WALL	2.2		
W. WALL	1.5		
4 WALL Comp	19.5		
Blended Backfill	5.1		
SPT BTM Comp. 12'	2.6		

COPY

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

SIGNATURE: ~~Daniel Mitchell~~

DATE: 8-9-06

Ray R. Rascon