

1R - 427-311

REPORTS

DATE:

1-27-10

EME Jct H-7
2009

1R427-311

RECEIVED

APR - 6 2010
Environmental Bureau
Oil Conservation Division

CLOSURE

RECEIVED

APP - 6 2010

Environmental Bureau
Oil Conservation DivisionRICE 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-7	H	7	20S	37E	Lea	Length	Width	Depth
							moved 50 ft west		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Life Estates (James Dellis Barber, etux) Dell Barber et al. C/O Jimmie Cooper OTHER _____Depth to Groundwater 30 feet NMOCD SITE ASSESSMENT RANKING SCORE: 40*Date Started 9/2/2009 Date Completed 10/9/2009 OCD Witness noSoil Excavated 100.0 cubic yards Excavation Length 15 Width 15 Depth 12 feetSoil Disposed 0 cubic yards Offsite Facility n/a Location n/aFINAL ANALYTICAL RESULTS: Sample Date 9/25/2009 Sample Depth 12 ft

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH and Chloride laboratory test results completed by using an approved lab 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.	0.4	<10.0	31.7	96
BOTTOM COMP.	7.0	<10.0	96.5	64
BLENDED BACKFILL	0.8	<10.0	95.1	128

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	210
bottom comp.	12'	180
blended backfill	n/a	242
background	6"	211
vertical delineation trench at the 10 ft west of the junction (source)	2'	143
	4'	176
	6'	145
	8'	361
	10'	265
	12'	149

General Description of Remedial Action: This junction was addressed during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 15x15x12-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations. Organic vapors were measured using a PID, which also yielded low concentrations. The excavated soil was blended on site and a representative composite sample was collected from the blended backfill, the excavation walls, and the excavation bottom. Laboratory analysis of the composite samples confirmed low concentrations of chloride and TPH. The blended backfill was returned to the excavation to ground surface and contoured to the surrounding area. On 10/9/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. A new, watertight junction box was built 50 ft west of the former.

*An inactive windmill is located 595 ft southwest.

enclosures: photos, labs 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 Jordan Woodfin COMPANY RICE OPERATING COMPANYREPORT ASSEMBLED BY Katie Jones INITIAL (KJ)PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 1-27-10

EME Jct. H-7

Unit H, Section 7, T20S, R37E



collecting a soil sample, facing south

9/2/2009



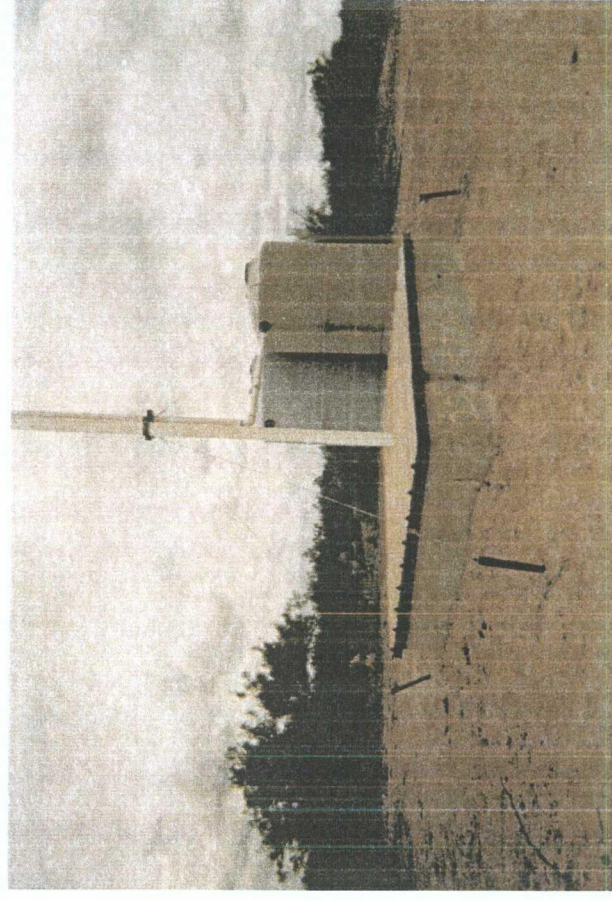
final 15x15x12-ft excavation facing west

10/9/2009



seeding the backfilled site

10/9/2009



new, watertight junction box

6/19/2009



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

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

0010109

Receiving Date: 09/25/09
Reporting Date: 10/01/09**
Project Number: NOT GIVEN
Project Name: EME JCT H-7
Project Location: EME JCT H-7

Sampling Date: 09/25/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

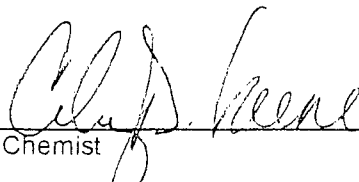
LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	
		(mg/kg)	(mg/kg)	(mg/kg)


ANALYSIS DATE		09/29/09	09/29/09	10/01/09
H18346-1	BLENDED BACKFILL	<10.0	95.1	128
H18346-2	5PT. BTM COMP	<10.0	96.5	64
H18346-3	4 WALL COMP	<10.0	31.7	96
Quality Control		509	505	490
True Value QC		500	500	500
% Recovery		102	101	2.0
Relative Percent Difference		0.6	1.6	<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. Reported on wet weight.

**Revised Report


Chemist


Date

H18346 TCL RICE

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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]

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

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

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

PID METER CALIBRATION & FIELD REPORT FORM

Copy

Check Model Number:

X

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 7600

Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 924503	EXPIRATION DATE: 7-5-12
FILL DATE: 7-1-09	METER READING ACCURACY: 100

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	Jct H-7	H	7	20S	37E

SAMPLE ID	PID	SAMPLE ID	PID
NORTH WALL	0.1	4 WALL Comp.	0.4
SOUTH WALL	0.4		
EAST WALL	0.8	5pt Bottom Comp	7.0
WEST WALL	0		
		BLENDED BACKFILL	0.8

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

SIGNATURE:

John Woolf

DATE: 9.25.09

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME Jct. H-7

Unit 'H', Sec. 7, T20S, R37E

Backhoe samples at 10 ft west of the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
2	143
4	176
6	145
8	361
10	265
12	149

Groundwater = 30 ft

