

1R - 427-308

REPORTS

DATE:

9-14-09

**EME Jct B-36
2009**

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

1R427-308

CLOSURE

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APP - 6 2010

Environmental Bureau
Oil Conservation Division

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Jct. B-36	B	36	20S	36E	Lea	eliminated		

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

Depth to Groundwater 103 feet NMOCD SITE ASSESSMENT RANKING SCORE: _____

Date Started 1/6/2009 Date Completed 3/6/2009 OCD Witness no

Soil Excavated 333.3 cubic yards Excavation Length 25 Width 30 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 3/2/2009 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.	8.6	<10.0	<10.0	288
BOTTOM COMP.	9.8	<10.0	<10.0	336
BLENDED BACKFILL	3.5	<10.0	<10.0	160

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	300
bottom comp.	12'	450
blended backfill	n/a	270
background	6"	204
vertical delineation trench at 10 ft west of the junction (source)	1'	147
	2'	144
	3'	145
	4'	142
	5'	151
	6'	303
	7'	268
	8'	361
	9'	405
	10'	404
	11'	384
12'	256	

General Description of Remedial Action: This junction box was eliminated 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 25x30x12-ft deep excavation. Chloride field tests were performed on each sample yielding generally low concentrations similar to that of the background. Organic vapors were measured using a PID which yielded low concentrations. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH which confirmed low concentrations of both. The excavated soil was blended on site and returned to the excavation to ground surface and contoured to the surrounding area. On 3/9/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

enclosures: photos, lab 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.

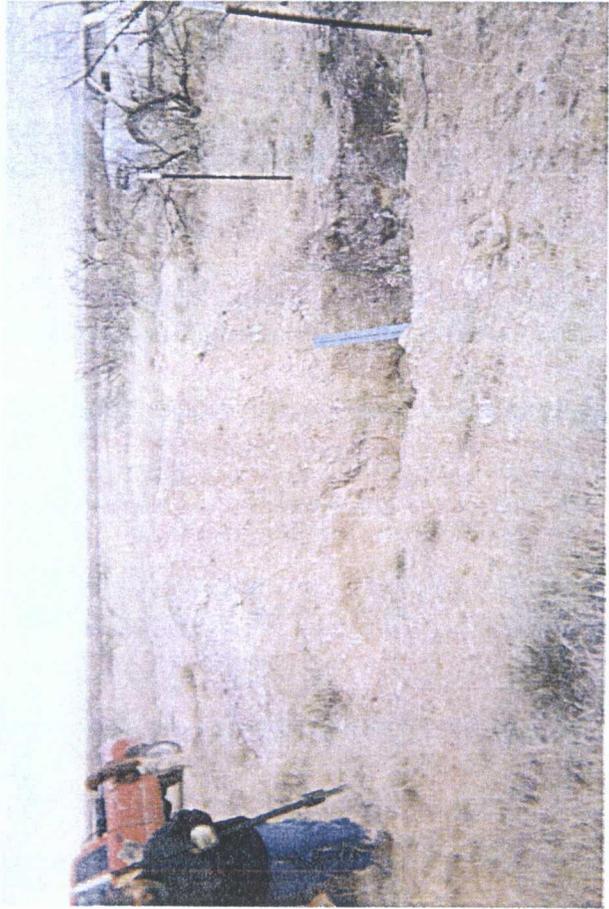
SITE SUPERVISOR Jordan Woodfin SIGNATURE [Signature] COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 9-14-09

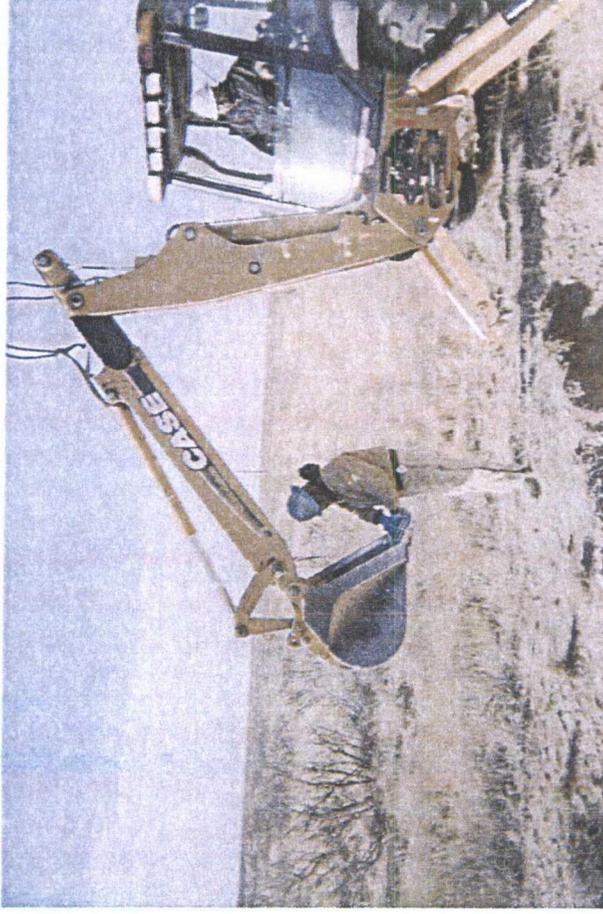
EME Jct. B-36

Unit B, Section 36, T20S, R36E



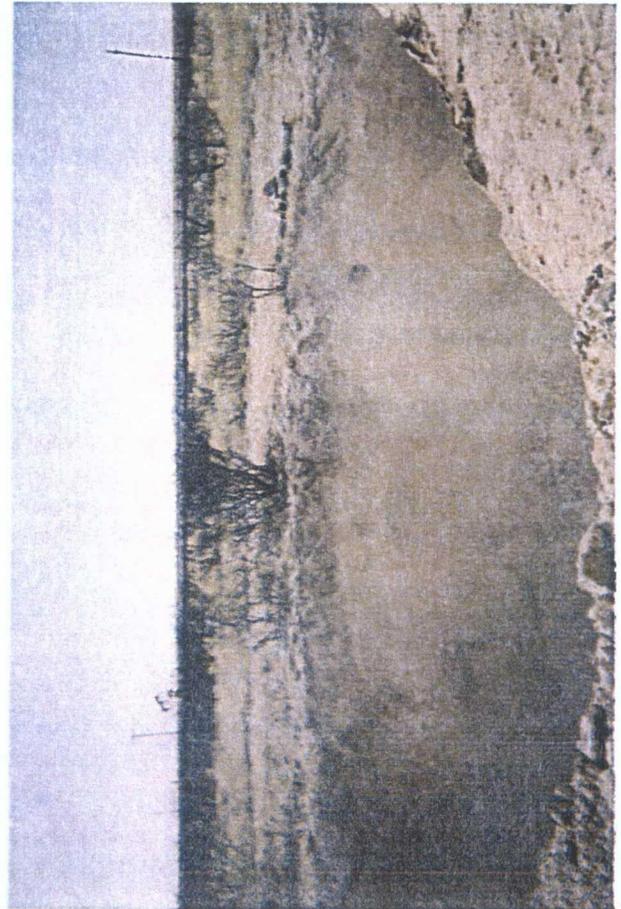
site prior to excavation, facing north

1/6/2009



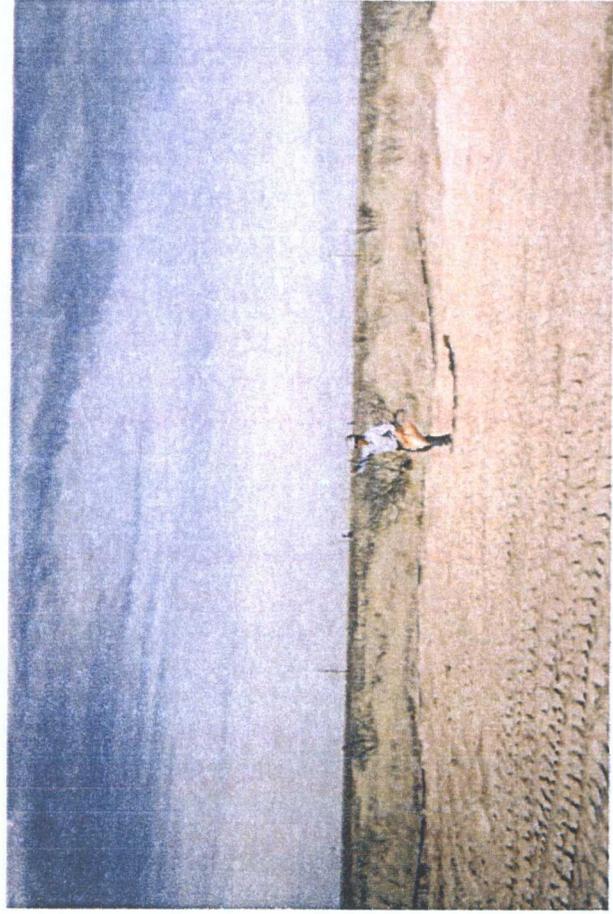
collecting a soil sample, facing southwest

1/6/2009



final 25x30x12-ft excavation, facing southeast

3/6/2009



seeding backfilled site, facing west

3/9/2009



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

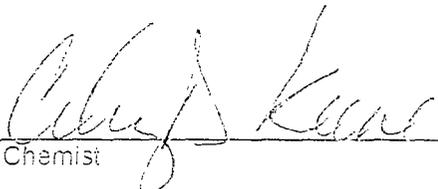
Receiving Date: 03/02/09
 Reporting Date: 03/03/09
 Project Number: NOT GIVEN
 Project Name: EME JCT B-36
 Project Location: EME JCT B-36

COPY

Sampling Date: 03/02/09
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: HM
 Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO (C ₅ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	Cl ⁻ (mg/kg)
ANALYSIS DATE		03/03/09	03/03/09	03/03/09
H16996-1	5PT BTTM COMP @ 12'	<10.0	<10.0	336
H16996-2	4 WALL COMP @ 25' x 30'	<10.0	<10.0	288
H16996-3	BLENDED BACKFILL	<10.0	<10.0	180
Quality Control		476	543	500
True Value QC		500	500	500
% Recovery		95.2	109	100
Relative Percent Difference		0.6	6.6	< 0.1

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


 Chemist


 Date

H16996 TCL RICE

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CHLORIDE CONCENTRATION CURVE

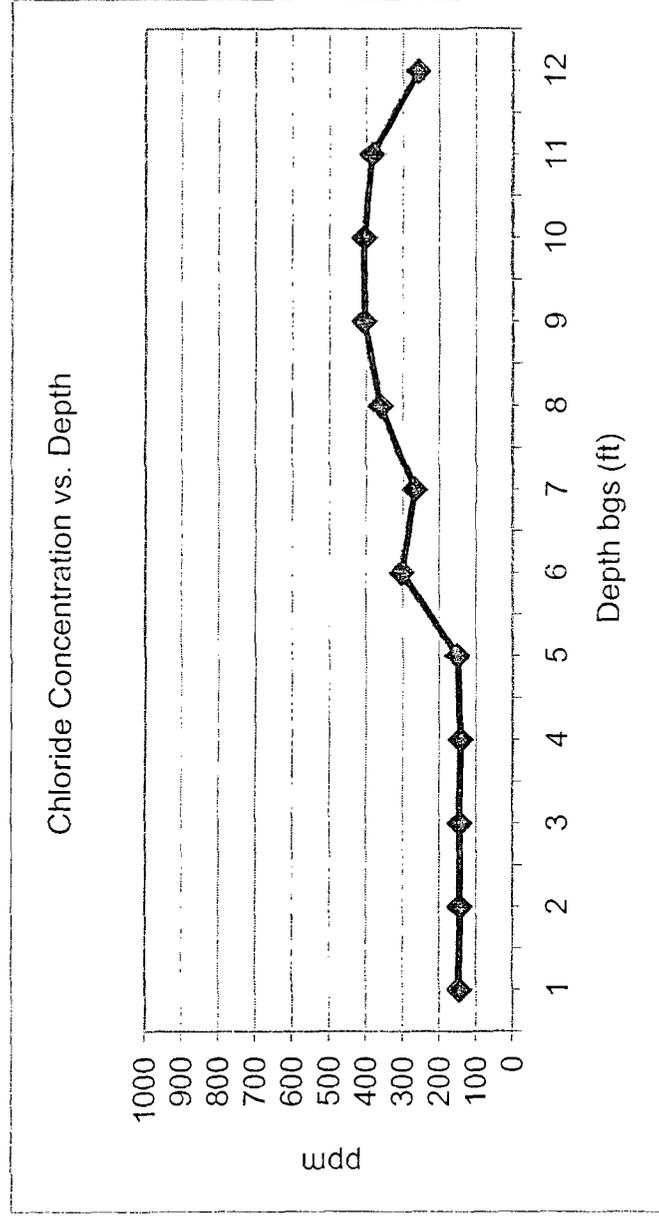
RICE Operating Company

EME Jct. B-36

Unit 'B', Sec. 36, T20S, R36E

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

Depth bgs (ft)	Cl ⁻ ppm
1	147
2	144
3	145
4	142
5	151
6	303
7	268
8	361
9	405
10	404
11	384
12	256



Groundwater = 103 ft