

1R - 427-243

REPORTS

DATE:

07-09-08

EME Jet C-29

1R427-243

RECEIVED
MAR 25 2009
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 12'	Width 6'	Depth 3'
Eunice Monument Eumonet (EME)	C-29	C	29	19S	37E	Lea	eliminated		

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

Depth to Groundwater 30 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 5/9/2008 Date Completed 5/21/2008 OCD Witness no

Soil Excavated 6.7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 5/9/2008 Sample Depth 12 ft.

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 12' GRAB	30.0	<10.0	<10.0	144

CHLORIDE FIELD TESTS

General Description of Remedial Action: This junction was eliminated as part of the pipeline replacement/upgrade program. The former box was removed and an investigation was conducted using a backhoe to collect soil samples at regular intervals. Chloride field tests performed on each sample yielded low concentrations, similar to that of the background. Organic vapors were measured using a PID, which also yielded low concentrations. A commercial laboratory analysis confirmed the samples were low in chloride and organics. The site was then backfilled with clean, imported topsoil and contoured to the surrounding area. On 5/21/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

LOCATION	DEPTH	mg/kg
background	6"	99
vertical delineation trench at source	4'	87
	5'	83
	6'	165
	7'	103
	8'	189
	9'	233
	10'	183
	11'	137
	12'	141

enclosures: photos, lab results, PID screenings, chloride graph

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

REPORT ASSEMBLED BY Katie Jones INITIAL KJ COMPANY RICE OPERATING COMPANY
 SITE SUPERVISOR Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr.
 DATE 7-9-08 TITLE PROJECT LEADER

EMME Jct. C-29

Unit C, Section 29, T19S, R37E



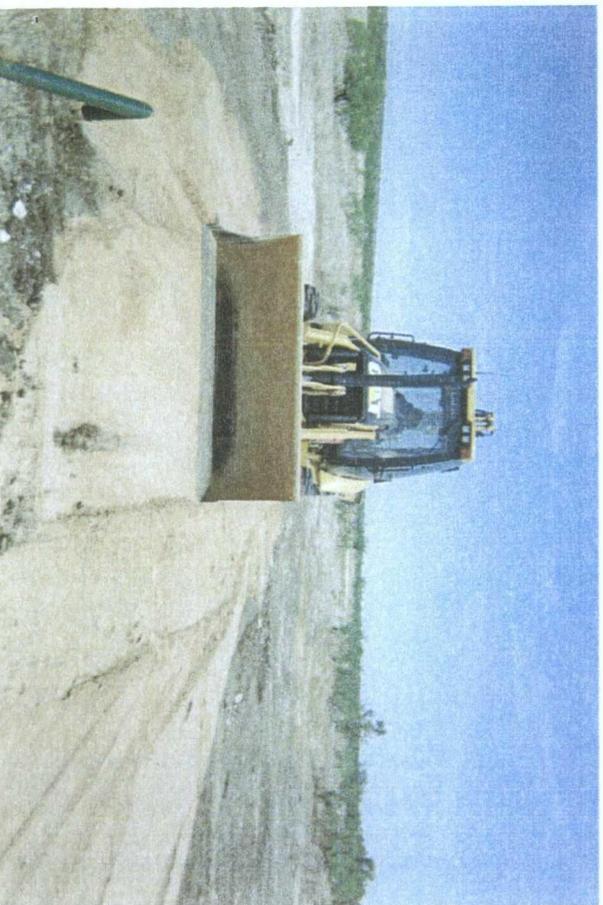
source vertical

5/21/2008



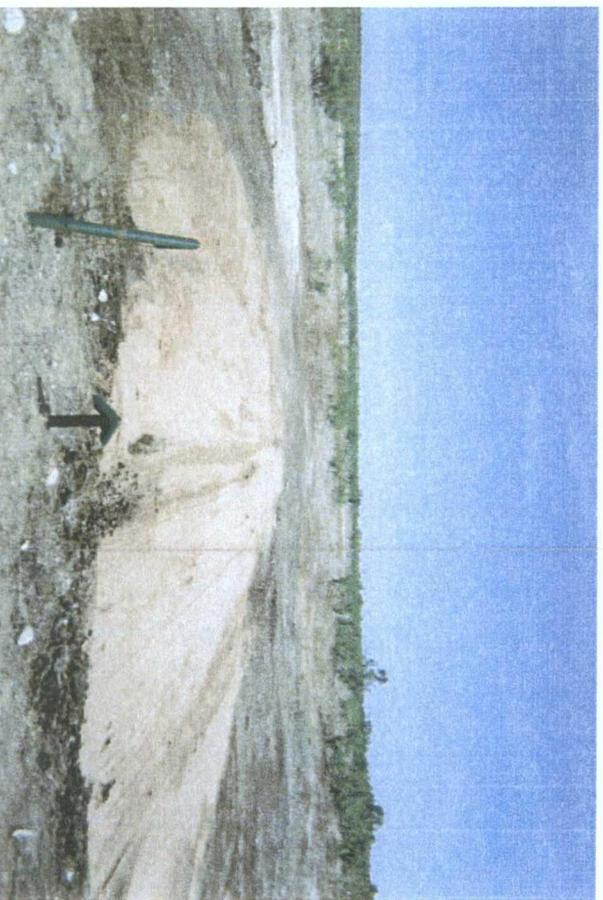
seeding backfilled site, facing north

5/21/2008



back dragging site facing north

5/21/2008



site complete, facing north

5/21/2008



**ARDINAL
LABORATORIES**

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

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MAY 15 2008

RICE OPERATING
HOBBS, NM

COPY

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

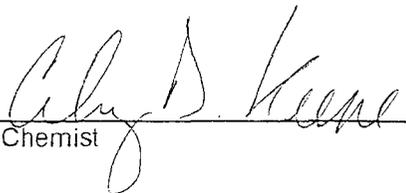
Receiving Date: 05/09/08
Reporting Date: 05/13/08
Project Owner: NOT GIVEN
Project Name: EME JCT C-29
Project Location: EME JCT C-29

Sampling Date: 05/09/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: CK/AB/HM

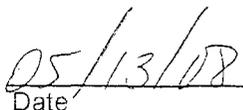
LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE	05/10/08	05/10/08	05/09/08
H14789-1 SOURCE 12' GRAB	<10.0	<10.0	144
Quality Control	527	386	500
True Value QC	500	500	500
% Recovery	105	77.2	100
Relative Percent Difference	8.5	2.9	<0.1

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

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



Chemist



Date

H14789TCL RICE

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (505) 393-9174 FAX: (505) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

COPY

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: 4/12/09
FILL DATE: 10/12/07	METER READING ACCURACY: 101ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	C-29	C	29	195	37E

Source

SAMPLE ID	PID	SAMPLE ID	PID
4'	0		
5'	101		
6'	73.9		
7'	24.1		
8'	78.3		
9'	22.9		
10'	10.4		
11'	8.6		
12'	30.0		

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

SIGNATURE: *Bruce Baker*

DATE: 5-9-08

CHLORIDE CONCENTRATION CURVE

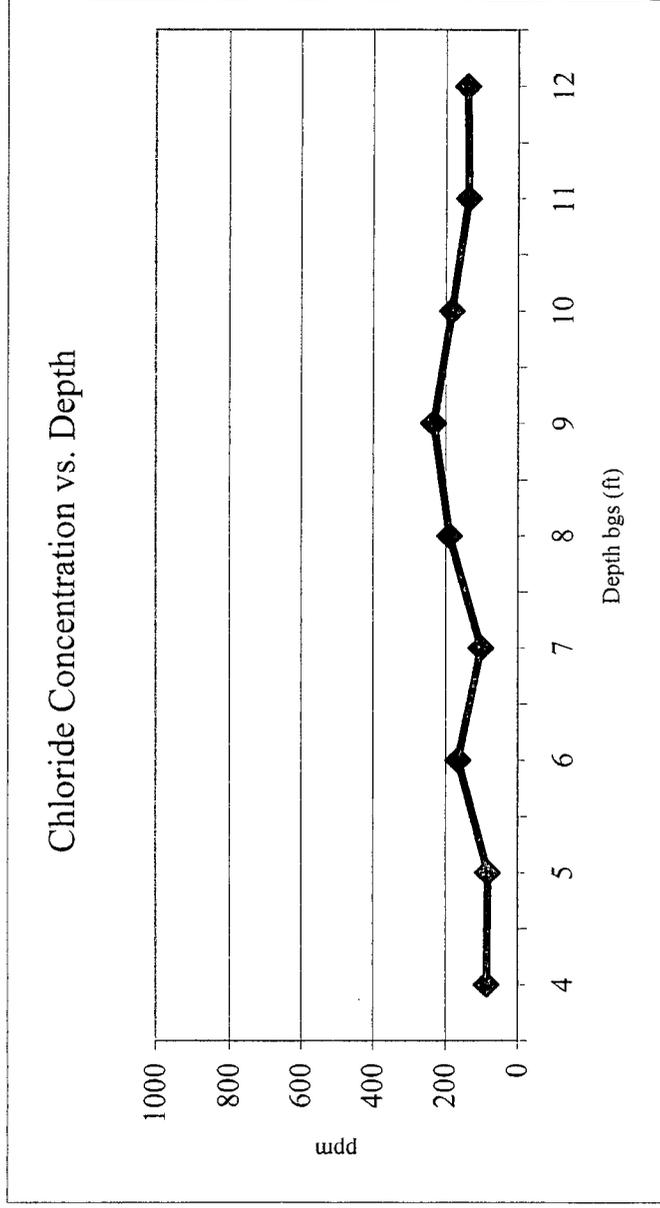
RICE Operating Company

EME Jct. C-29

unit 'C', Sec. 29, T19S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
4	87
5	83
6	165
7	103
8	189
9	233
10	183
11	137
12	141



Groundwater = 30 ft