

1R - 427-302

REPORTS

DATE:

2-15-10

**EME B-6 EOL
2009**

1R427-302

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

RECEIVED

ADD - 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)	B-6 EOL	B	6	21S	36E	Lea	Eliminated		

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

Depth to Groundwater 153 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 10/16/2009 Date Completed 10/16/2009 OCD Witness no

Soil Excavated 4.4 cubic yards Excavation Length 5 Width 3 Depth 8 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 10/16/2009 Sample Depth 8 ft.

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

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 8' GRAB	1.1	<10.0	81.4	<16

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
vertical delineation trench at the junction (source)	4'	57
	5'	57
	6'	56
	7'	89
	8'	60

General Description of Remedial Action: This junction was eliminated under the pipeline replacement/upgrade program. After the former junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals.

Chloride field tests were performed on each sample, which yielded low concentrations of chloride similar to that of the background sample. Organic vapors were measured using

using a PID, which also yielded low concentrations. The deepest sample, 8 ft BGS, was sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride and organics. The excavated soil was returned to the excavation to ground surface and surface and contoured to the surrounding area. On 12/18/09, 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, (field) PID screenings, chloride curve

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

SITE SUPERVISOR Noel Carmona SIGNATURE [Signature] COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LAB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 2-15-10

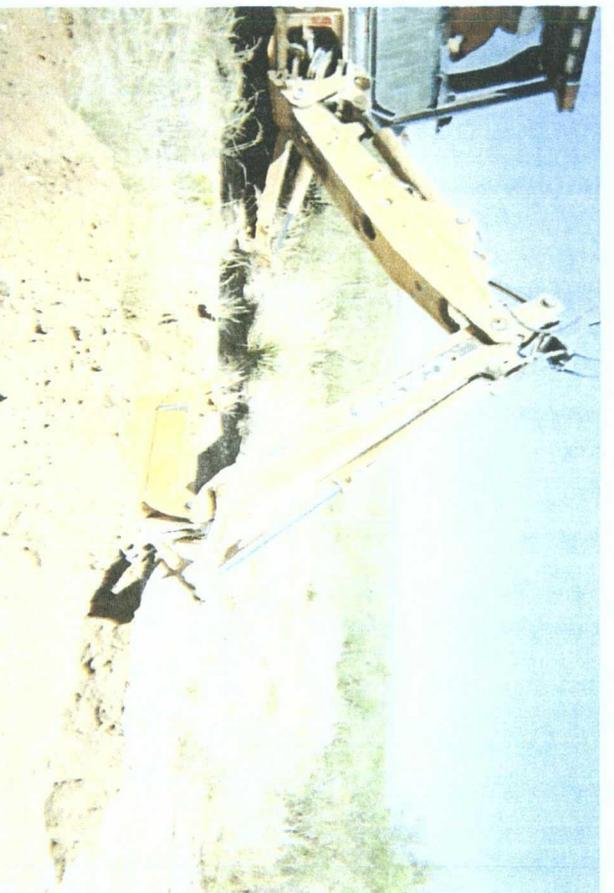
EME B-6 EOL

Unit B, Section 6, T21S, R36E



Site prior to delineation

10/16/2009



Delineation trench being excavated

10/16/2009



Sample being taken

10/16/2009



Seeding site

12/18/2009



ARDINAL LABORATORIES

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

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

Receiving Date: 10/16/09
Reporting Date: 10/21/09
Project Owner: NOT GIVEN
Project Name: EME B-6 EOL 21-36
Project Location: EME B-6 EOL 21-36

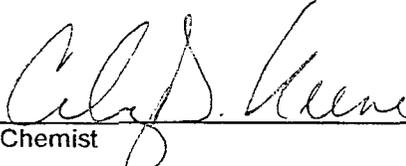
Sampling Date: 10/16/09
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: AB
Analyzed By: AB/HM

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

ANALYSIS DATE	10/20/09	10/20/09	10/19/09
H18521-1 SOURCE @ 8'	<10.0	81.4	< 16
Quality Control	495	521	500
True Value QC	500	500	500
% Recovery	99.0	104	100
Relative Percent Difference	1.6	2.7	< 0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-C1B

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



Chemist

10/22/09

Date

304W

H18521 TCL RICE

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RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (575) 393-9174 FAX: (575) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

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: 924908	EXPIRATION DATE: 7-29-09
FILL DATE: 7-30-09	METER READING ACCURACY: 100 ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	B-C	B	6	21	36

SAMPLE ID	PID	SAMPLE ID	PID
4'	2.9		
5'	2.0		
6'	1.3		
7'	1.1		
8'	1.1		

COE

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

SIGNATURE:

DATE: 10/16/09

CHLORIDE CONCENTRATION CURVE

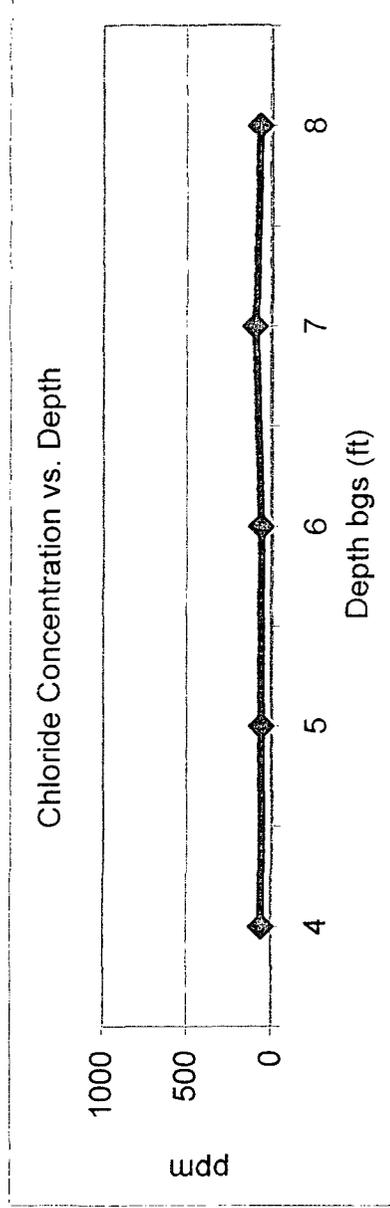
RICE Operating Company

EME B-6 EOL

Unit 'B', Sec. 6, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
4	57
5	57
6	56
7	89
8	60



Groundwater = 153 ft.