

1R - 427-259

REPORTS

DATE:

1-19-09

EME OXY St 'C' EOL

1R427-259

RECEIVED
MAR 25 2008
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		
Eunice Monument Eumont (EME)	Oxy St 'C' EOL	M	16	21S	36E	Lea	Length	Width	Depth
							eliminated		

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

Depth to Groundwater 195 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 10/21/2008 Date Completed 10/21/2008 OCD Witness no

Soil Excavated 4 cubic yards- Excavation Length 3 Width 5 Depth 8 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 10/21/2008 Sample Depth 8 ft

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
SOURCE 8' GRAB	0.4	<10.0	<10.0	160

LOCATION	DEPTH	mg/kg
background	6"	120
vertical delineation trench at the junction (source)	4'	114
	5'	116
	6'	147
	7'	179
	8'	149

General Description of Remedial Action: This junction 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 3x5x8-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background sample. Organic vapors measured with a PID also yielded low concentrations. The deepest sample, 8 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 10/31/2008, 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) screening, chloride curve

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

SITE SUPERVISOR Eric Garrison SIGNATURE *Eric Garrison* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 1-19-09

EME Oxy St 'C' EOL

Unit M, Section 16, T21S, R36E



site prior to excavating, facing east

10/21/2008



excavating vertical at the source, facing north

10/21/2008



collecting a soil sample, facing west

10/21/2008



seeding backfilled site, facing south

10/31/2008



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

COPY

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

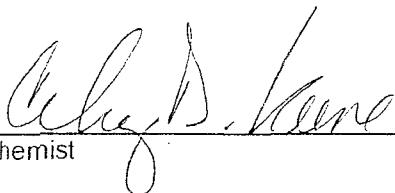
Receiving Date: 10/21/08
Reporting Date: 10/23/08
Project Number: NOT GIVEN
Project Name: EME OXY ST "C" EOL
Project Location: EME OXY ST "C" EOL


Sampling Date: 10/21/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: CK
Analyzed By: 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		10/23/08	10/23/08	10/23/08
H16164-1	SOURCE BTTM GRAB @ 8'	<10.0	<10.0	160
Quality Control		590	511	500
True Value QC		500	500	500
% Recovery		118	102	100
Relative Percent Difference		1.4	0.5	2.0

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

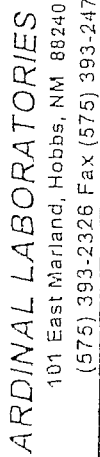
*Analysis performed on a 1:4 w/v aqueous extract.


Chemist


Date

H16164 TCL RICE

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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.	
MODEL	<i>K</i>
NO.	

MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL: PGM 7600	SERIAL NO: 110-013744
MODEL: PGM 7600	SERIAL NO: 110-12383
MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <i>07-3353</i>	EXPIRATION DATE: <i>5-16-09</i>
FILL DATE: <i>11-16-07</i>	METER READING ACCURACY: <i>100 PPM</i>

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<i>Eme</i>	<i>oxyste"eol</i>	<i>M</i>	<i>16</i>	<i>215</i>	<i>36E</i>

Initial Source

Background

SAMPLE ID	PID	SAMPLE ID	PID
<i>4'</i>	<i>1.6</i>	<i>6"</i>	<i>0.0</i>
<i>5'</i>	<i>0.0</i>		
<i>6'</i>	<i>0.0</i>		
<i>7'</i>	<i>0.5</i>		
<i>8'</i>	<i>0.4</i>		

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

SIGNATURE: *EAC Burns*

DATE: *10-21-08*

CHLORIDE CONCENTRATION CURVE

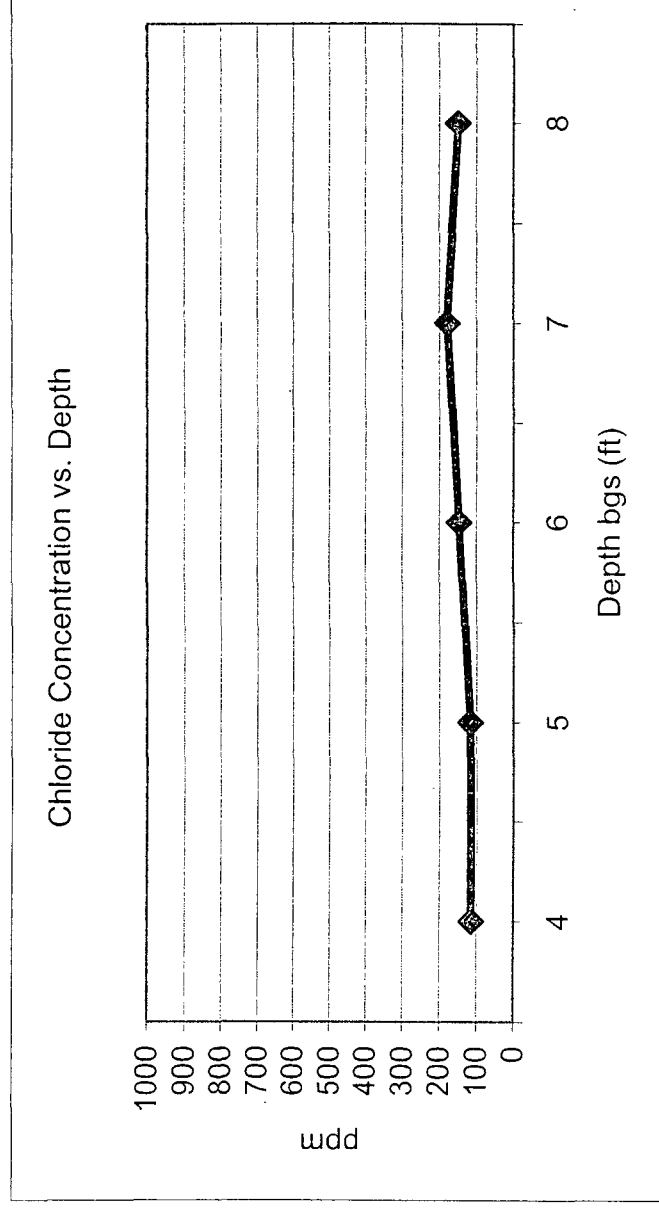
RICE Operating Company

EME Oxy St. 'C' EOL

Unit 'M', Sec. 16, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ⁻ ppm
4	114
5	116
6	147
7	179
8	149



Groundwater = 195 ft