

1R - 427-314

REPORTS

DATE:

5-11-09

EME Amoco 'J' EOL

2009

1R427-314

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APR - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

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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)	Amoco St 'J' EOL	E	22	21S	36E	Lea	Length	Width	Depth
							eliminated		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____Depth to Groundwater 128 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0Date Started 10/21/2008 Date Completed 11/21/2008 OCD Witness noSoil Excavated 400 cubic yards Excavation Length 30 Width 30 Depth 12 feetSoil Disposed 0 cubic yards Offsite Facility n/a Location n/aFINAL ANALYTICAL RESULTS: Sample Date 11/14/2008 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.	0.0	<10.0	<10.0	160
BOTTOM COMP.	2.6	<10.0	<10.0	176
BLENDED BACKFILL	1.2	<10.0	<10.0	224

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	211
bottom comp.	12'	234
blended backfill	n/a	300
background	6"	141
vertical delineation trench at 15 ft south of the junction (source)	1'	179
	2'	177
	3'	197
	4'	201
	5'	235
	6'	203
	7'	233
	8'	238
	9'	174
	10'	182
	11'	146
	12'	173

General Description of Remedial Action: This junction box was eliminated during 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 30x30x12-ft-deep excavation. Chloride field tests performed on each sample yielded low concentrations similar to that of the background sample. Organic vapors were measured using a PID, which also yielded low concentrations. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was blended on site and returned to the excavation to ground surface and contoured to the surrounding area. On 11/21/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

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 COMPANYREPORT ASSEMBLED BY Katie Jones INITIAL KJPROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 5-11-09

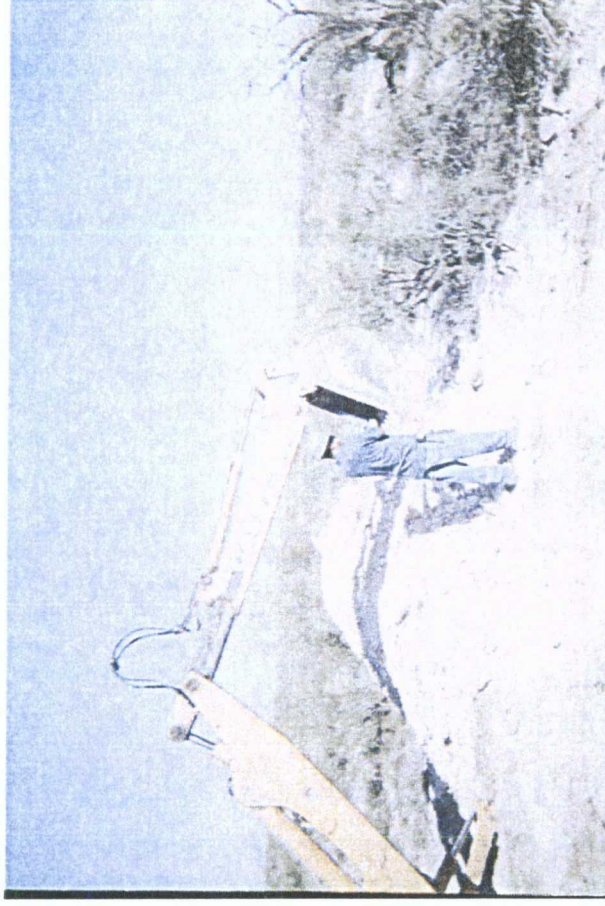
EME Amoco St 'J' EOL

Unit E, Section 22, T21S, R36E



former junction box site, facing north

10/21/2008



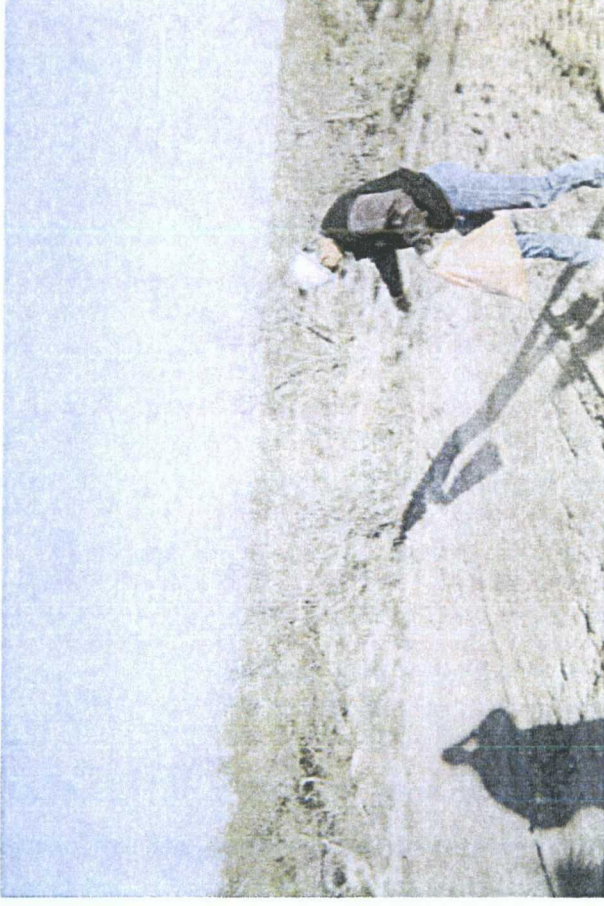
collecting a soil sample, facing north

10/31/2008



excavating former junction box site
to 30x30x12-ft-deep, facing east

11/13/2008



seeding backfilled site, facing east

11/21/2008

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VOICE OPERATING
HOBBS, NM

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

COPY

Receiving Date: 11/14/08
Reporting Date: 11/17/08
Project Number: NOT GIVEN
Project Name: EME AMOCO ST J EOL
Project Location: EME AMOCO ST J EOL

Sampling Date: 11/14/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/TR

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)
ANALYSIS DATE		11/15/08	11/15/08	11/17/08
H16335-1	4 WALL COMP @ 30'X30'	<10.0	<10.0	160
H16335-2	5 PT BTTM COMP @ 12'	<10.0	<10.0	176
H16335-3	BLENDED BACKFILL COMP	<10.0	<10.0	224
Quality Control		583	468	510
True Value QC		500	500	500
% Recovery		117	93.6	102
Relative Percent Difference		2.2	16.8	2.0

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

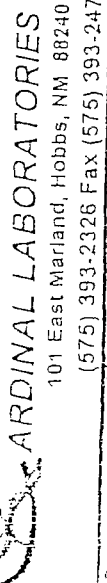
*Analyses performed on 1:4 w:v aqueous extracts.

Lab Director

Date _____

H16335 TCL RICE

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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

RICE OPERATING COMPANY

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

CK.
 MODEL
 NO.

✓

MODEL: PGM 7300
 MODEL: PGM 7600
 MODEL: PGM 7600
 MODEL: PGM 7600

SERIAL NO: 590-000183
 SERIAL NO: 110-013744
 SERIAL NO: 110-12383
 SERIAL NO: 110-023920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 08-31-25	EXPIRATION DATE: 03-29-09
FILL DATE: 02-29-08	METER READING ACCURACY: 100PPM

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	AMUCO ST 5th	E	22	215	36E

SAMPLE ID	PID	SAMPLE ID	PID
5 FT BTM @ 12'	2.6		
4 WALL CONIP @ 30'x30'	0.0		
Blended Back Fill	1.2		

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

SIGNATURE: *E. J. S. [Signature]*

DATE: 11-14-08

CHLORIDE CONCENTRATION CURVE

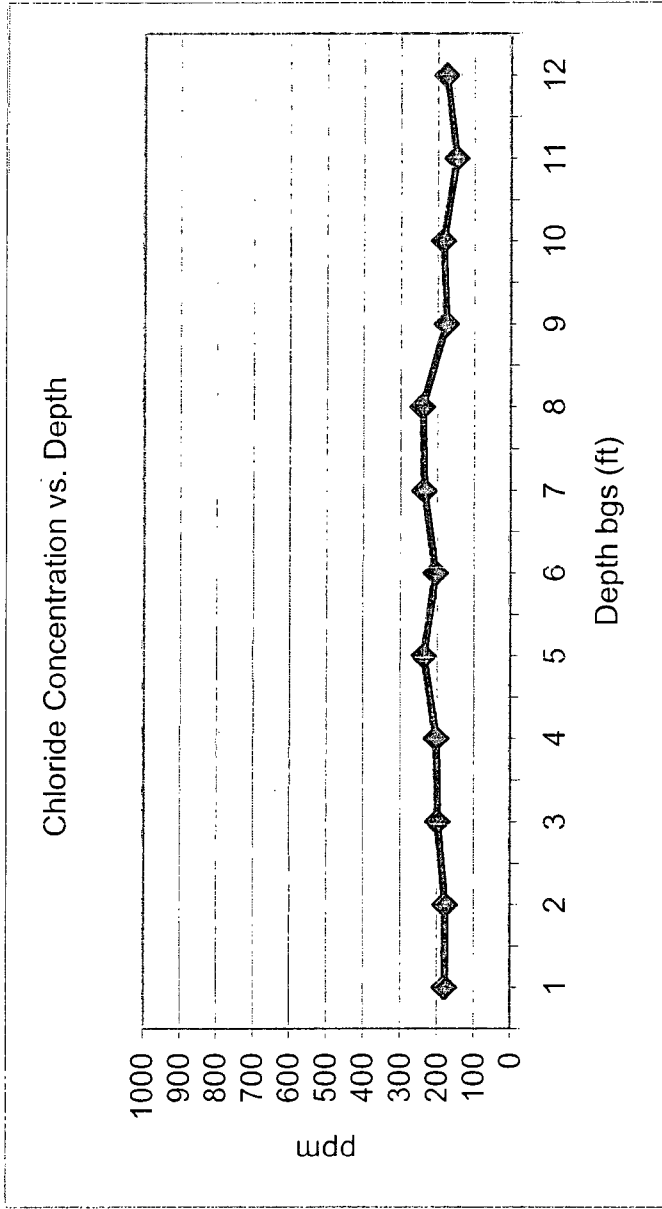
RICE Operating Company

EME Amoco St 'J' EOL

Unit 'E', Sec. 22, T21S, R36E

Backhoe samples at 15 ft south of the junction (source)

Depth bgs (ft)	[Cl] ppm
1	179
2	177
3	197
4	201
5	235
6	203
7	233
8	238
9	174
10	182
11	146
12	173



Groundwater = 128 ft