

1R - 427-319

REPORTS

DATE:

8-20-09

EME Jct I-30
2009

1R427-319

RECEIVED

APR - 8 2009

Environmental Bureau
Oil Conservation Division

DISCLOSURE

RECEIVED

**RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE* REPORT**

APD - 6 2010

Environmental Bureau
Oil Conservation Division

BOX LOCATION							BOX DIMENSIONS - FEET		
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	Length	Width	Depth
Eunice Monument Eumont (EME)	Jct. I-30	I	30	19S	37E	Lea	eliminated		

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

Depth to Groundwater 20 feet NMOCD SITE ASSESSMENT RANKING SCORE: *40

Date Started 11/14/2008 Date Completed 2/5/2009 OCD Witness no

Soil Excavated 400.0 cubic yards Excavation Length 30 Width 30 Depth 12 feet

Soil Disposed 108 cubic yards Offsite Facility C and C Landfarm Location Monument, NM

FINAL ANALYTICAL RESULTS: Sample Date 11/25/2008, 1/12/2009 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	Chlorides mg/kg
4-WALL COMP.	17.4	<10.0	160	160
BOTTOM COMP.	67.5	<10.0	70.7	544
BLENDED BACKFILL	12.5	<10.0	172	144

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	301
bottom comp.	12'	376
blended backfill	n/a	180
background	6"	120
vertical delineation trench at the former junction (source)	4'	85
	5'	89
	6'	84
	7'	56
	8'	84
	9'	114
	10'	145
	11'	256
	12'	331

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 30x30x12-ft-deep excavation. Chloride field tests performed on each sample yielded concentrations that increased with depth. Organic vapors were measured using a PID which also yielded generally low concentrations. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH. The analysis yielded slightly elevated concentrations of chloride and DRO. The excavated soil was blended on site with clean, imported soil and returned to the excavation up to 5 ft below ground surface (BGS). At 5-4 ft BGS, a 1-ft-thick clay barrier was installed with a clay density test performed on 2/5/2009. The remaining soil was returned to the excavation to ground surface and contoured to the surrounding area. The site was then seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. NMOCD was notified of potential groundwater impact on 6/17/2009.

*Housing 586 ft southeast.

ADDITIONAL EVALUATION IS HIGH PRIORITY

enclosures: photos, lab results, PID (field) screenings, cross-section, 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 [Signature] COMPANY RICE OPERATING COMPANY

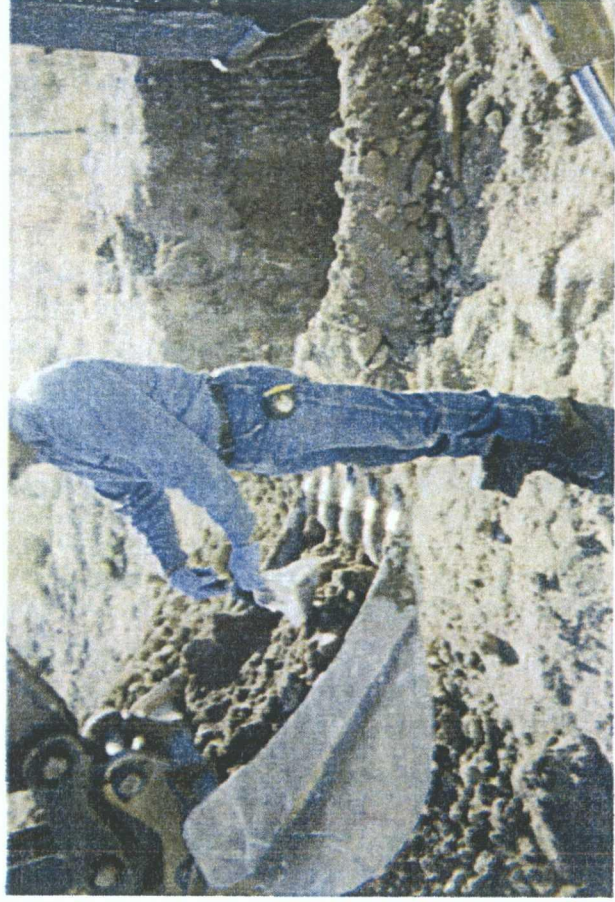
REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 8-20-09

*This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.

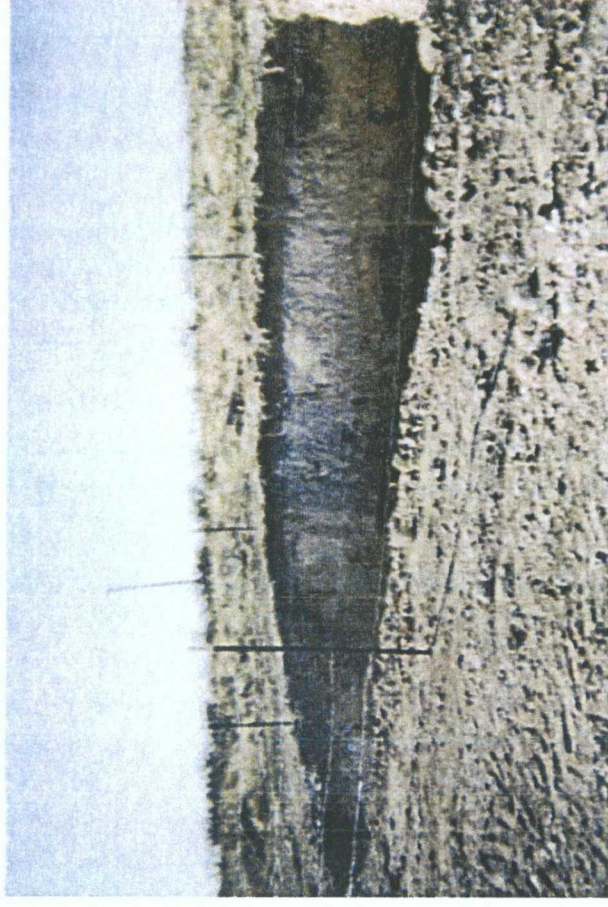
EME Jct. I-30

Unit I, Section 30, T19S, R37E



collecting a soil sample, facing south

11/18/2008



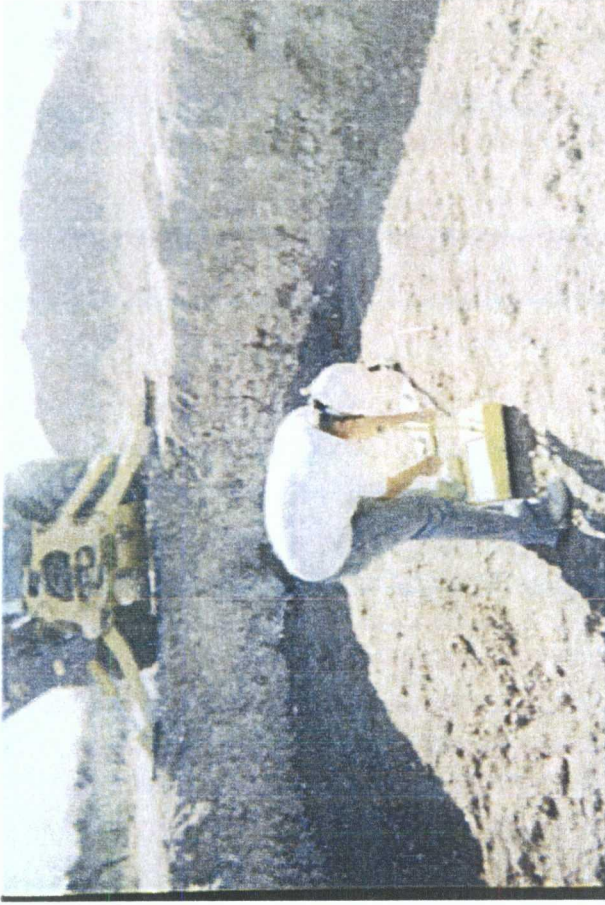
final 30x30x12-ft excavation, facing west

12/1/2008



blending excavated soil
with imported soil, facing south

1/12/2009



clay density test, facing east

2/5/2009



backfilling the excavation, facing west

2/5/2009



seeding backfilled site, facing south

2/5/2009



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

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

COPY

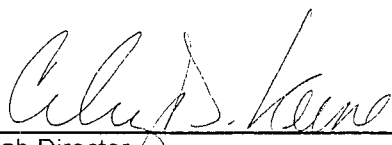
Receiving Date: 11/25/08
Reporting Date: 12/01/08
Project Number: NOT GIVEN
Project Name: EME JCT I-30
Project Location: EME JCT I-30

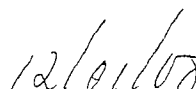
Sampling Date: 11/25/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
		11/26/08	11/26/08	11/26/08
H16431-1	4 WALL COMP @ 30'x30'	<10.0	160	160
H16431-2	5PT BTTM COMP @ 12'	<10.0	70.7	544
Quality Control		588	502	510
True Value QC		500	500	500
% Recovery		118	100	102
Relative Percent Difference		10.0	8.3	2.0

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

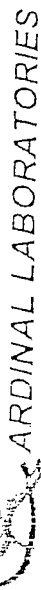
*Analyses performed on 1:4 w:v aqueous extracts.


Lab Director


Date

H16431 TCL RICE

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101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

Page _____ of _____

Company Name: **Nice operating**
Project Manager: **ERIC GARRISON**
Address: **132 W Tag Lor**
City: **Hobbs** State: **NM** Zip: **88240**
Phone #: **393-9174** Fax #: **(505) 397-1471**
Project #: _____ Project Owner: _____
Project Name: **EME JET I-30**
Project Location: **EME JET I-30**
Sampler Name: **ERIC GARRISON**

Lab I.D. Sample I.D.
11-25-08 **4 wall comp @ 120'**
5 PBT @ 110' @ 120'

Matrix: WASTEWATER, SOIL, SLUDGE, OTHER: _____
Preserv: ACID/BASE, ICE/COOL, OTHER: _____
DATE: 11-25-08 14:30
TIME: 11-26-08 14:30

Analysis Request: **COPY**

Phone Result: ☐ No ☐ Add'l Phone #:
Fax Result: ☐ No ☐ Add'l Fax #:

Received By: **Eric Garrison** Date: **11-25-08** Time: **4:30**
Received By: **Eric Garrison** Date: _____ Time: _____

Delivered By: (Circle One) **Eric Garrison**
Sampler: **UPS** - Bus - Other: _____

Temp. _____ Sample Condition: Cool ☒ Intact ☐
Checked By: **Eric Garrison**

† 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

COPY

CK.	<input type="checkbox"/>	MODEL: PGM 7300	SERIAL NO: 590-000183
MODEL	<input checked="" 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: 110-023920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 08-3425	EXPIRATION DATE: 08-29-08
FILL DATE: 02-29-08	METER READING ACCURACY: 99.3

ACCURACY: +/- 2%

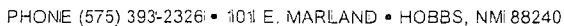
SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
ENR	I-30	I	30	-195	36E

SAMPLE ID	PID	SAMPLE ID	PID
5 FT BTM Comp @ 12'	67.5		
Blended Backfill	19.4		
4-Wall Comp	17.4		

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

SIGNATURE: *[Signature]*

DATE: 1-25-08



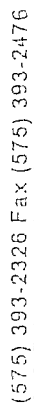
COPY

Sampling Date: 01/12/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

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

Date 01/14/09

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PID METER CALIBRATION & FIELD REPORT FORM

COPY

CK.
MODEL
NO.

✓

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

SERIAL NO: 110-013676
SERIAL NO: 110-013744
SERIAL NO: 110-12383
SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 08-3425	EXPIRATION DATE: 08-29-09
FILL DATE: 02-29-08	METER READING ACCURACY: 100PPM

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	T-30	I	30	19 S	37E

SAMPLE ID	PID	SAMPLE ID	PID
Blended Backfill	12.5		

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

SIGNATURE:

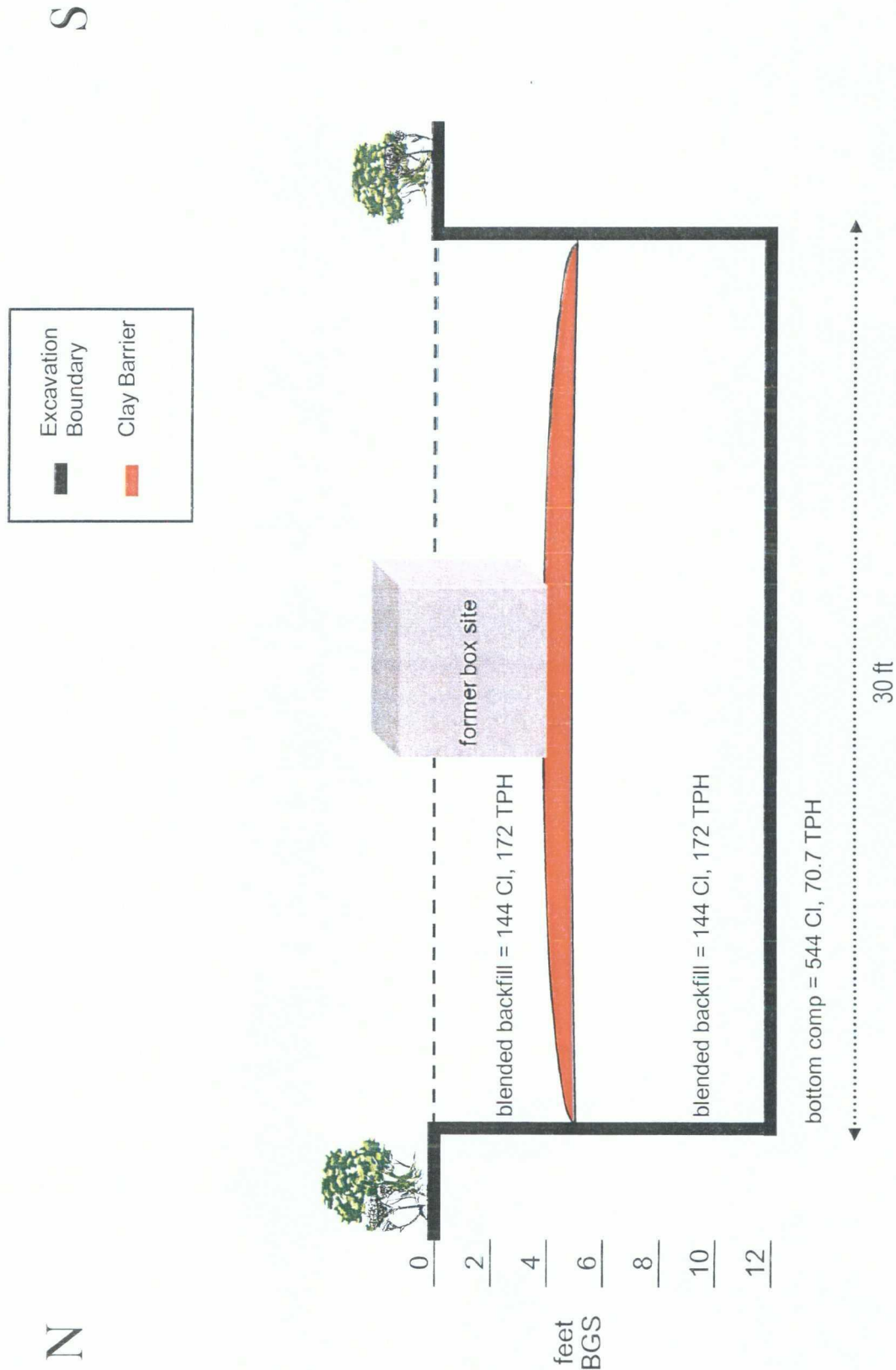
[Signature]

DATE:

5-12-09

EME Jct. I-30
Unit 'I', Sec. 30, T19S, R37E

Excavation Cross-Section



CHLORIDE CONCENTRATION CURVE

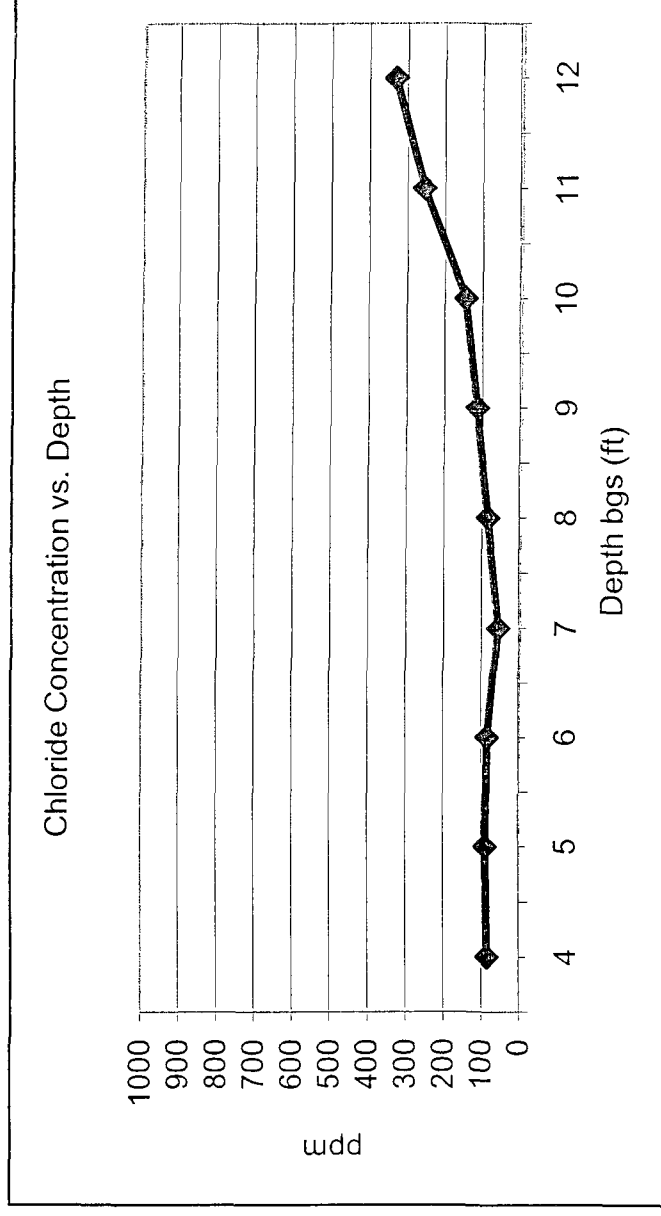
RICE Operating Company

EME Jct. I-30

Unit 'I', Sec. 30, T19S, R37E

Backhoe samples at the former junction (source)

Depth bgs (ft)	[Cl] ppm
4	85
5	89
6	84
7	56
8	84
9	114
10	145
11	256
12	331



Groundwater = 20 ft