

1R - 427-306

REPORTS

DATE:

2-8-10

**EME Jct J-8
2009**

RECEIVED

APR - 6 2010
Environmental Bureau
Oil Conservation Division

1R427-306

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

RECEIVED

APP - 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. J-8	J	8	20S	37E	Lea	eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Jimmie T. Cooper et ux. Betty B OTHER _____

Depth to Groundwater 34 feet NMOCD SITE ASSESSMENT RANKING SCORE: 40*

Date Started 9/14/2009 Date Completed 11/6/2009 OCD Witness no

Soil Excavated 167 cubic yards Excavation Length 25 Width 15 Depth 12 feet

Soil Disposed 192 cubic yards Offsite Facility C and C Landfarm Location Monument, NM

FINAL ANALYTICAL RESULTS: Sample Date 9/24/2009, 10/02/2009 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	Chloride mg/kg
4-WALL COMP.	0.2	<10.0	32.6	128
BOTTOM COMP.	17.9	<10.0	76.2	80
BLENDED BACKFILL	77.0	<10.0	774	224

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	145
bottom comp.	12'	147
blended backfill	n/a	204
background	6"	208
vertical delineation of the junction (source)	3'	148
	4'	170
	5'	179
	6'	170
	7'	169
	8'	147
	9'	150
	10'	222
	11'	142
	12'	144

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 25x15x12-ft-deep excavation. Field data suggest the site is low in organic vapors and chloride concentrations are similar to that of the background. Representative composite samples were collected from the excavation walls, bottom, and blended excavated soil. The representative samples were analyzed by a commercial laboratory for chloride and TPH, which confirmed low concentrations. The blended backfill was hauled to an OCD approved facility. The site was backfilled with clean imported soil 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.

* Abandon windmill 460 ft. southeast and a monitor well 157 ft. southeast

enclosures: photos, lab results, PID (field) screenings, chloride curve

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

SITE SUPERVISOR Jordan Woodfin SIGNATURE Jordan Woodfin COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL ZBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 2-8-10

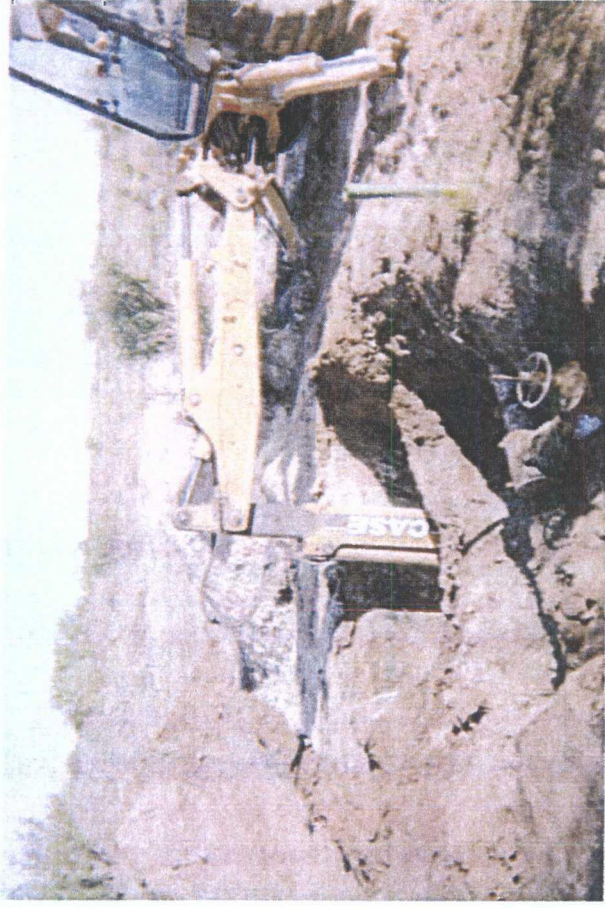
EME Junction J-8

Unit J, Section 8, T20S, R37E



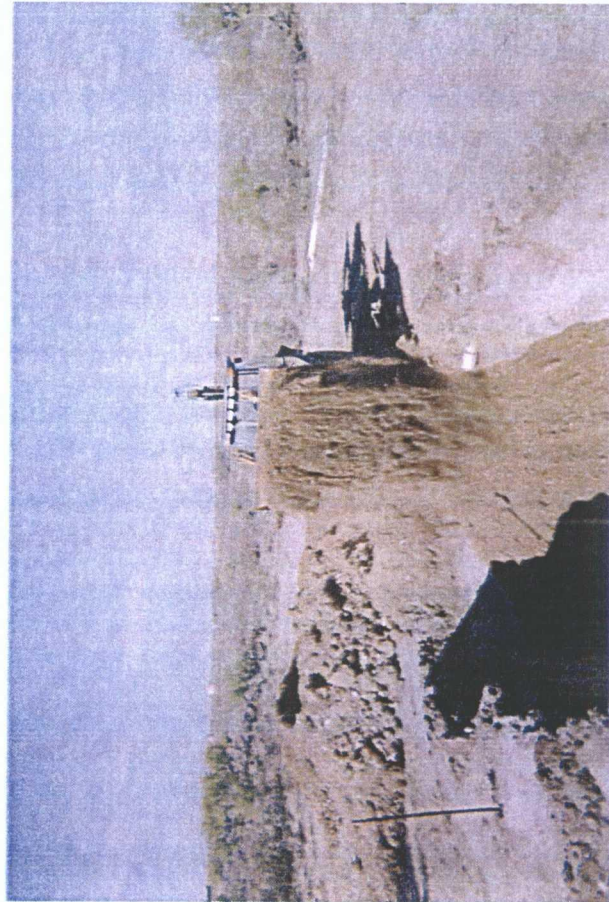
Site prior to delineation

9/14/2009



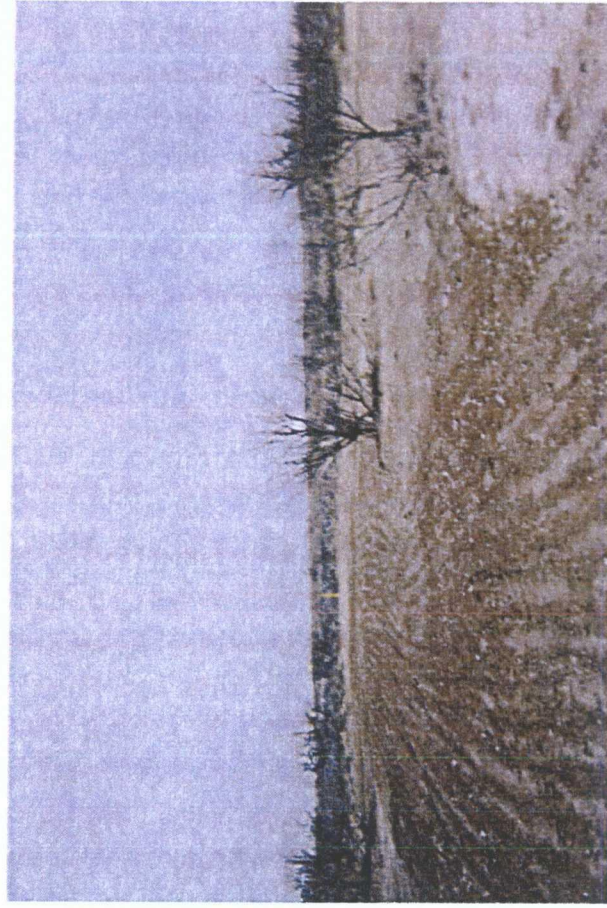
Excavating 5 ft. north vertical

9/23/2009



Backfilling excavation

11/05/2009



Site complete

12/18/2009



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

Receiving Date: 09/24/09
Reporting Date: 09/30/09
Project Number: NOT GIVEN
Project Name: EME JCT J-8
Project Location: EME JCT J-8

Sampling Date: 09/24/09
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: CK
Analyzed By: AB/HM

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

ANALYSIS DATE		09/29/09	09/29/09	09/25/09
H18327-1	5PT BTM COMP	<10.0	76.2	80
H18327-2	4 WALL COMP	<10.0	32.6	128
Quality Control		509	505	500
True Value QC		500	500	500
% Recovery		102	101	100
Relative Percent Difference		0.6	1.6	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. Reported on wet weight.

COPY

Chemist

Date 09/30/09

H18327 TCL RICE

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CARDINAL LABORATORIES

101 East Mainland Hobbs, NM 88240
(575) 393-2326 Fax (575) 393-2476

BILL TO				ANALYSIS REQUEST														
Company Name: <u>77 C & O ENTERPRISES</u>																		
Project Manager: <u>ANDREW W. JOHNSON</u>																		
Address: <u>122 W TAYLOR</u>																		
City: <u>HOBBS</u> State: <u>NM</u> Zip: <u>88240</u>																		
Phone #: <u>505 944 7441</u> Fax #: _____																		
Project #: _____																		
Project Name: <u>WATER TREATMENT</u>																		
Project Location: <u>EMERY JOINT</u>																		
Site Name: <u>TOLEDOAN WOODLAND</u>																		
Lab ID	Sample ID	MATRIX	PRESERV	SAMPLING	DATE	TIME												
H1327	5th Branch	WASTEWATER	ACID/BASE		9-24-01													
	2nd water comp	WASTEWATER	OTHER															
		SLUDGE	OTHER															
		OIL																
		SOIL																
		GROUNDWATER																
		CONTAINERS																
		(G) RAB OR (C) COMP																

COPY - 1041 X
TPH8015M

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Sampler Relinquished By: <u>ANDREW W. JOHNSON</u>	Date: <u>9/24/01</u>	Received By: <u>ANDREW W. JOHNSON</u>	Date: <u>9/24/01</u>	Phone Result: <u>505 944 7441</u>	No. Add'l Phone #
Relinquished By: <u>ANDREW W. JOHNSON</u>	Date: <u>9/24/01</u>	Received By: <u>ANDREW W. JOHNSON</u>	Date: <u>9/24/01</u>	Fax Result: <u>505 944 7441</u>	No. Add'l Fax #
Delivered By: <u>ANDREW W. JOHNSON</u>	Date: <u>9/24/01</u>	Received By: <u>ANDREW W. JOHNSON</u>	Date: <u>9/24/01</u>	REMARKS: <u>EMAIL RECEIVED TO JOHNSON@ZICO-SD.COM</u>	
Sample: <u>UP Stream Bus</u>	Other: _____	Sample Condition: <u>Intact</u>	Checked By: <u>ANDREW W. JOHNSON</u>	REMARKS: <u>2nd SAMPLE RECEIVED TO BAKER@ZICO-SD.COM</u>	

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 : 924503	EXPIRATION DATE: 7-5-12
FILL DATE: 7-1-09	METER READING ACCURACY: 100

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	J-8	J	8	T20S	R37E

SAMPLE ID	PID	SAMPLE ID	PID
NORTH WALL	0	4 WALL COMP	0.2
SOUTH WALL	0		
EAST WALL	0	5pt Btm Comp.	17.9
WEST WALL	1.5		

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

SIGNATURE:

Jordan Wood

DATE: 9-24-09



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

Receiving Date: 10/02/09
Reporting Date: 10/06/09
Project Number: NOT GIVEN
Project Name: EME JCT J-8
Project Location: EME JCT J-8

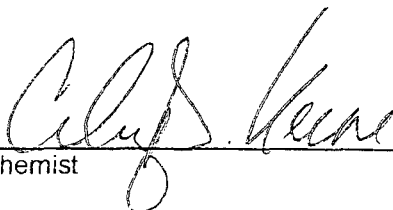
Sampling Date: 10/02/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

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

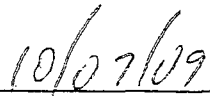
ANALYSIS DATE	10/05/09	10/05/09	10/05/09
H18402-1 BLENDED BACKFILL	<10.0	774	224
Quality Control	493	499	500
True Value QC	500	500	500
% Recovery	98.6	99.8	100
Relative Percent Difference	2.9	8.6	<0.1

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. Reported on wet weight.



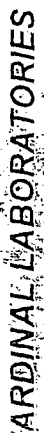
Chemist

COPY


Date

H18402 TCL RICE

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4. Cardinal cannot accept verbal changes. Please fax written changes to 575.393.2476

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

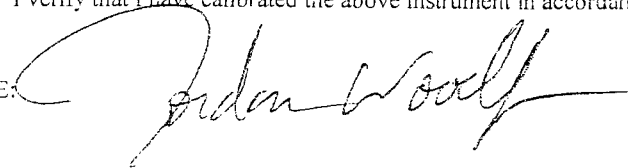
LOT NO : 924503	EXPIRATION DATE: 7-5-12
FILL DATE: 7-1-09	METER READING ACCURACY: 100

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	J-8	J	8	T20S	R37E

SAMPLE ID	PID	SAMPLE ID	PID
Blended Backfill	77		

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

SIGNATURE: 

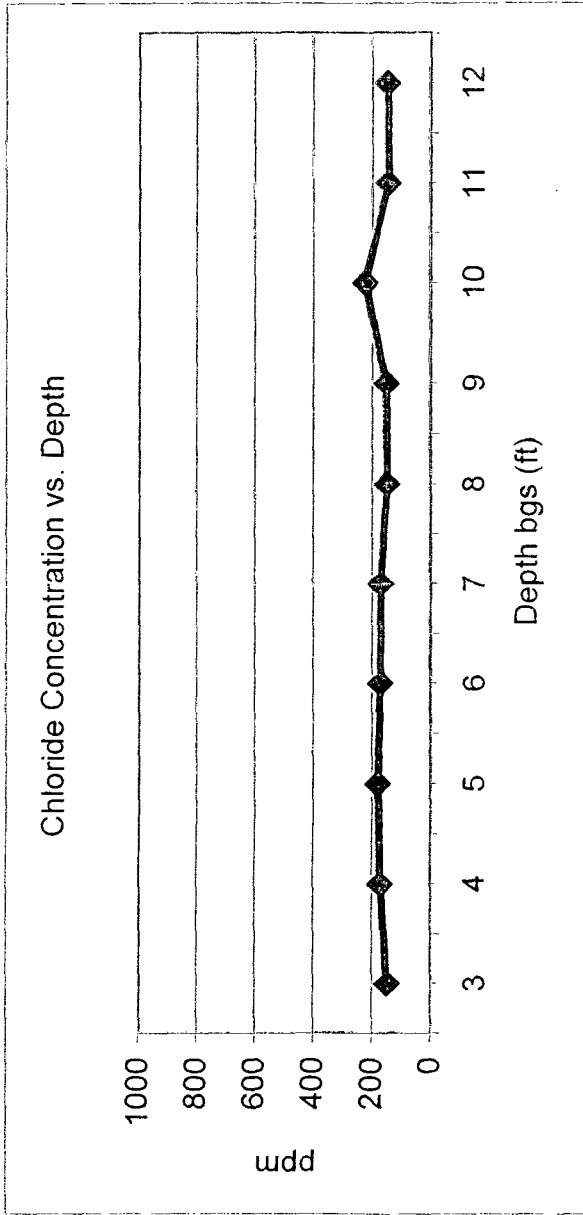
DATE: 10-2-09

EME Junction J-8

Unit 'J', Sec. 8, T20S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft.)	Cl ⁻ ppm
3	148
4	170
5	179
6	170
7	169
8	147
9	150
10	222
11	142
12	144



Groundwater = 34 ft.