

1R - 427-291

REPORTS

DATE:

1-25-10

EME P-8
2009

1R427-291

RECEIVED

APP - 6 2010
Environmental Bureau
Oil Conservation Division

CLOSURE

RECEIVED

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

ADD - 5 2010

Environmental Bureau
Oil Conservation Division

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Jct. P-8	P	8	21S	36E	Lea	Eliminated		

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

Depth to Groundwater 184 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 10/19/2009 Date Completed 10/19/2009 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 10/19/2009 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	12.9	<10.0	374	160

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	6"	223
vertical delineation trench at the junction (source)	4'	282
	5'	229
	6'	255
	7'	281
	8'	294

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 contoured to the surrounding area. On 12/30/09, the site was seeded with a native blend of 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 Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 1-25-10

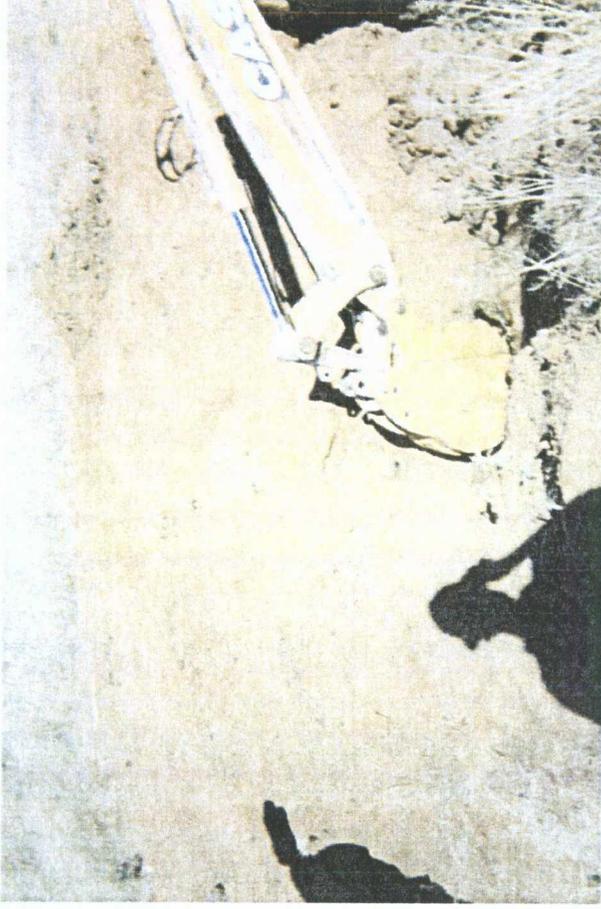
EME Junction P-8

Unit P, Section 8, T21S, R36E



undisturbed junction box

10/19/09



delineation trench at former junction box 10/19/09



sample being taken

10/19/09



seeding backfilled site

12/30/09



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: 10/19/09
Reporting Date: 10/21/09
Project Owner: NOT GIVEN
Project Name: INITIAL SOURCE @ 8FT.
Project Location: EME JCT P-8

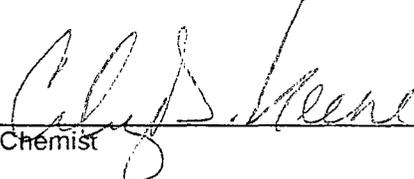
Sampling Date: 10/19/09
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

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

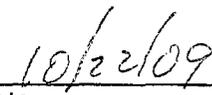
ANALYSIS DATE	10/20/09	10/20/09	10/20/09
H18532-1 INITIAL SOURCE @ 8FT.	<10.0	374	160
Quality Control	495	521	500
True Value QC	500	500	500
% Recovery	99.0	104	100
Relative Percent Difference	1.6	2.7	< 0.1

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

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



Chemist



Date

H18532 TCL RICE

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CARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240
 (575) 393-2326 Fax (575) 393-2476

Company Name: <u>Rice Operating</u> Project Manager: <u>Bruce Baker</u>		BILL TO P.O. #: Company: SAME Alt: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
Address: <u>122 W. Taylor</u> City: <u>Hobbs</u> State: <u>N.M.</u> Zip: <u>88240</u> Phone #: <u>575-397-1471</u> Fax #: <u>575-397-1471</u>		Project Name: <u>INITIAL SOURCE @ 8 FT.</u> Project Location: <u>EME IGT P-8</u> Sampler Name: <u>Daniel Mitchell</u>		[Empty grid for analysis request]	
Lab I.D.: <u>H18532-1 INITIAL SOURCE @ 8 FT. G</u>		MATRIX: GROUNDWATER <input checked="" type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input checked="" type="checkbox"/> SLUDGE <input type="checkbox"/> ICE / COOL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		PRESERV: ACID/WASE <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER <input type="checkbox"/>	
Sample I.D.:		# CONTAINERS: <u>1</u>		DATE TIME: <u>10-17-09 11:05 AM</u>	

PLEASE NOTE: Billing and Receipts, Cardinal's policy and client's exclusive remedy for any client arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis of samples remaining above for negligence and any other cause whatsoever and shall be limited to the amount of charges actually paid by the client for the analysis of samples remaining above for negligence and any other cause whatsoever. It is the client's responsibility to advise the laboratory of any changes in ownership, including official notices of bankruptcy or liquidation, and to advise the laboratory of any changes in ownership, including official notices of bankruptcy or liquidation, and to advise the laboratory of any changes in ownership, including official notices of bankruptcy or liquidation.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice and all costs of collection, including attorney's fees.

Received By: _____ **Date:** _____ **Time:** _____

Received By: Melty LeBar **Date:** 10-19-09 **Time:** 4:32

Delivered By: (Circle One) Daniel Mitchell

Sampler - UPS - Bus - Other: _____

Checked By: _____ **Temp:** _____ **Sample Condition:** _____ **Temp:** _____

Phone Result: **No.** **Add'l Phone #:** _____

Fax Result: **No.** **Add'l Fax #:** _____

REMARKS:
RESULTS B. Baker @ Rice Sub .COM
IS PURVIS @ Rice Sub .COM

RICE OPERATING COMPANY

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

CK.	<input checked="" type="checkbox"/>	MODEL: PGM 7300	SERIAL NO: 590-000183
MODEL	<input 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: 924503	EXPIRATION DATE: 7-29-2012
FILL DATE: 3-9-09	METER READING ACCURACY:

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
B.O	P-8	P	8	20	37

SAMPLE ID	PID	SAMPLE ID	PID
4	3.7		
5	15.4		
6	9.7		
7	13.0		
8	12.9		
BACK BOUND	0.3		

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

SIGNATURE: *Donald M. Schell*

DATE: 10-19-09

CHLORIDE CONCENTRATION CURVE

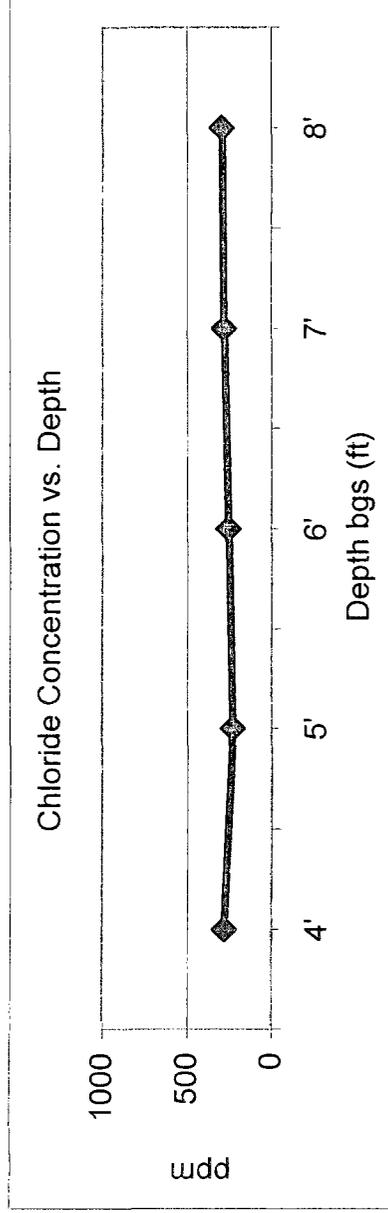
RICE Operating Company

EME P-8 EOL

Unit 'P', Sec. 8, T21S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
4'	282
5'	229
6'	255
7'	281
8'	294



Groundwater = 184 ft