1R - 427 - 212

REPORTS

3-6-07

EME Jct P-6

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AP Yos

1R-427-212

RECEIVED

APR - 4 2007 Environmental Bureau Oil Conservation Division

CLOSURE

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

			i i	BOX LOCA	TION					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHI	RANGE	COUN	ITY NEW B	OX DIMENSIO	NS - FEET	
EME	jct. P-6	Р	6	225	38E	Lea	Length	Width	Depth	
							no	o boxjct. elímir	nated	
LAND TYPE: B	LMST/	ATE	FEE LAND	OWNER	Chevron ⁻	Texaco	OTHER_			
Depth to Ground	dwater	31	feet	NMOCD	SITE ASSE	ESSME	NT RANKING	SCORE:	20	
Date Started _	8/12/20	003	Date Cor	npleted	9/15/2006	NN	IOCD Witnes	s	no	
Soil Excavated	400	cubic yar	ds Exc	avation Le	ength <u>30</u>	V	/idth <u>30</u>	Depth	12	_ feet
Soil Disposed	0	cubic yar	ds Off	site Facility	/n	/a	Locatio	on	n/a	
FINAL ANALY							Sample	Depth	12 ft	
5-point composite s sidewalls. TPH approved labora	and chloride l	aboratory t	est results	completed	by using an		CHLO	RIDE FIELD) TESTS	
Sample	<u>PID</u> (field) <u>G</u> F	20	DRO	Chloride		LOCATION	DEPTH (tt) mg/	
Location	ppm	mg	/kg	mg/kg	m g /kg				ing ingr	ng
4-WALL COMP.	4.1	<1	0.0	<10.0	80		4-wall comp	o, n/a	88	3
BOTTOM COMP	2.8	<1	0.0	13.6	48		bottom comp	. 12	34	1
BACKFILL	10.9	<1	0.0	24.0	80		backfill com	p. n/a	11	1
General Description the box lumber was rem organic vapor headspace throughout the 30 x 30 x was blended on site and with a blend of native ve	oved, delineation e measurements x 12-ft-deep excav then returned to	trenches were using a PID w ation. Compo	made using a ere performed site samples and contoure	a backhoe to o I on each sam were sent to a ed to the surro	collect soil sam aple yielding ve a laboratory for bunding terrain	nples at re ry low chl confirma	gular intervals. oride concentrat tion of the field t	ions and PID rea ests. The excava	ats and adings ated soil	
						e	nclosures: photo	s, lab results, Pl	D field scree	nings
I HEREBY	CERTIFY TH	AT THE IN			IS TRUE A ND BELIEF.	ND COI	MPLETE TO	THE BEST OF	- MY	
SITE SUPERVISOR	Darnell Mitchel	ISIGI		annell	milehe	<u>0</u> /2 cc	OMPANY R	ICE Operating C	ompany	-
REPORT ASSEMBLED	BY Kri	stin Farris Po	oe	SIGNATURE	Kn	27/17	Janis	, Pope		

TITLE

Project Scientist

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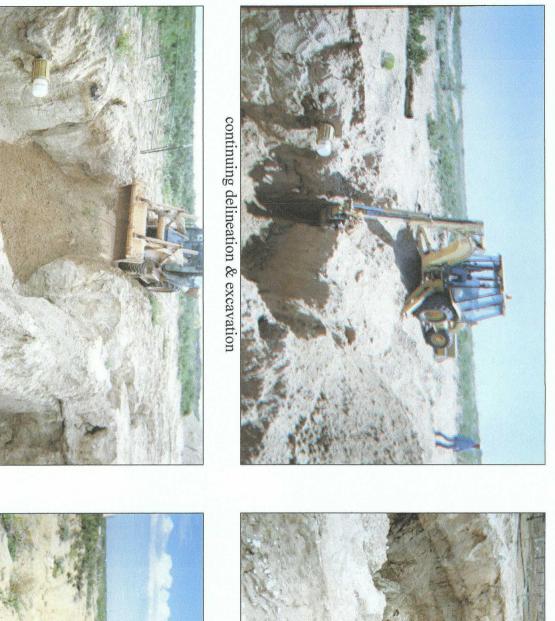
DATE

3/6/2007

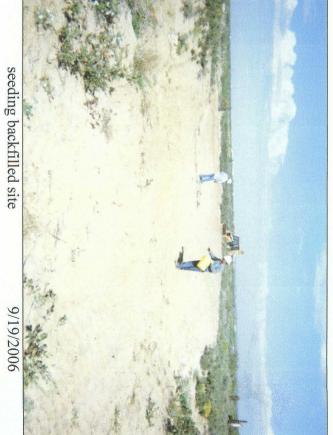
junction after box was removed 2/3/2003 7/28/2003 beginning excavation & delineation Unit 'P', Sec. 6, T22S, R38E 8/12/2003

EMIE jct. P-6









Sept. 2006

backfilling excavation

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• -	CO	PY			NG CC dbbs, NM 8824		PANY			
	,		Phone: (50	5) 393-9174	Fax: (505) 39	7-1471	73-74 M			
		Ĭ	OC FIELI				RM			
I I I F	CK. MODEL NO. LOT NO: <u>OS</u> FILL DATE: <u>I</u> ACCURACY: +/- 2	-1-05	GM 761S GM 761S GM 7600			SE SE SBUTYI	ERIAL NO: 1044 ERIAL NO: 1044 ERIAL NO: 110- LENE 100PPM / EXP. DATE: . NG ACCURACY	190 12383 / AIR: 1 5 -1	-07	,
	SYSTEM	JUNC	TION	UNIT S	ECTION	TOV	VNSHIP RA	ANGI	£	
	EME	P-6		p	17		T-295		R-37 <i>E</i>	
л Ч Ч	wall Sam	.plues E- osit sam	w-N-5 ple		(anter and a second s	
_	SAMPLE		PID RESULTS	SAMPLE			PID RESULTS	3		,
	FACT (voll.	23				1	1		

SAMPLE	PID RESULTS	SAMPLE		PID RESULTS
EAST Wall	2.3			
West Wall	1.5			
NORTH Wall	2,2		· • · · · · · · · · · · · · · · · · · ·	
SOUTH Wall	2.1			
4 wall composit	401			
BACK FIL BLEAD	10.9		`	
-				

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

.

SIGNATURE: Dannell Mitchell.

DATE: 1-20-06

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RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240 Phone: (505) 393-9174 Fax: (505) 397-1471

VOC FIELD TEST REPORT FORM

PID METER READING & CALIBRATION

CK. MODEL: PGM 761S	SERIAL NO. 104412
MODEL MODEL PGM 7613	SEFIAL NO: 104490
NO. MODEL: PGM 7600	SERIAL NO: 110-12383
LOT NO: 052992	GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE
FILL DATE: 11-1-05	EXP. DATE: 5-1-07
ACCURACY: #/- 2%	METER READING ACCURACY: 100.3

SYSTEM	MINCTION.	UNIT	SECTION	TOWNSEIP	RANGE
EME	P-6			aas	378

Bottom S. Compo ISAMPLE	sit sam	Plo	
SAMPLE	PID PESULTS	SAMPLE	PID RESULTS
SAMPLE 5PT. Bottom Comp.	2.8		
		}	
		1	
	ļ 	1	

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

SIGNATURE: Daniel Mitchell

.

DATE: 8-29-06



PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROY R. RASCON 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471



Receiving Date: 08/29/06 Reporting Date: 08/31/06 Project Number: NOT GIVEN Project Name: EME JCT P-6 Project Location: NOT GIVEN Sampling Date: 08/29/06 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: HM Analyzed By: BC/HM

LAB NUMBER SAMPLE ID	(mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
			1

ANALYSIS DATE	08/30/06	08/30/06	08/30/06
H11486-1 5 PT BOTTOM COMP	<10.0	13.6	48
Quality Control	783	779	990
True Value QC	800	800	1000
% Recovery	97.9	97.4	99.0
Relative Percent Difference	3.6	2.4	2.0

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.

131/06

Date

H11486

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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2111 Beechwood, Abiléne, TX 79603 101 East Marland, Hobbs, NM 88240

(915) 673-7001	915) 673-7001 Fax (915) 673-7020 ((505) 393-2326 Fax	-2326 Fax (505) 393-2476		Page of
Kicc	corective-		BILL TO		ANALYSIS REQUEST
Project Manager: R_{OY} R_{C}	Rascone		P.O.#:		
Address: 123 W. Tay LOR	(oR		Company:		
194	State: N, A) Zip:	88340	Attn:		
Phone #:	Fax #:397-147	2	Address:		
Project #:	Project Owner:		City:		
Project Name: E_M E_ S o	ct P-6		State: Zip:		
Project Location:			Phone #:		
Sampler Name:			Fax #:		· · · · · · · · · · · · · · · · · · ·
FOR LAB USE ONLY		MATRIX	PRESERV SAMPLING		
Lab I.D. Samp	Sample I,D. (с)RAB OR (с)OMP.	# CONTAINERS GROUNDWATER SOIL SOIL CRUDE OIL URUDE OIL	DTHER: ACID/BASE: DTHER	L W 5108 77 Ime	
+411486-1 Spt Bottom	COMP		7		
PLEASE NOTE: Labrary and Lamages. Jendrats Roberty and clears exclusive remedy for any clear arising whether bea analyses. Al claims including those for negligence and any other cause whatsoever shall be deemed waived unless made	and chera's exclusive remedy for any claim are other cause whatsoever shall be deemed way	sing whether based in contract or to red unless made in writing and rece	sed in contract or tort, shall be limited to the amount paid by the dent for the s in writing and received by Cardinal within 30 days after completion of the applicable	the diferst for the pletion of the applicable	Terrars and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per arrum from the original date of invoice,
servoe. In no event shat vertoaran be hove for indoernal or consequental damages, including without initiation, bushess interruptions, loss of profits incurred by chert, its subsidiarie stiffates or successors arising out of or related to the performance of services hereurder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise	consequential damages, including without kinit, mance of services hereunder by Cardinal, reg	ation, business interruptions, loss of pardless of whether such claim is be	interruptions, loss of use, or loss of profits incurred by calent, its subsidiaries, ther such claim is based upon any of the shove stated reasons or otherwise.	19. 19. 19.	and all costs of collections, including attorney's fees.
Sampler Relinquished:	Date: Date:	Received By:		Result: 🗌 Yes	o Add'I Phone #:
Darreel as it have	Time:			Fax Result: UPTes I No REMARKS:	
Relinquished By:	2926) (L	0	1- MATI TO RON	ROY
	1/2:30 +	ve pundt	d)	K. 1. 1.	
Delivered Bv: (Circle One)		Sample Conditi Cool Intact	on CHECKED BY: (Initiale)		
Sampler - UPS - Bus - Other:					

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

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PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

DRO

 $(>C_{10}-C_{28})$

(mg/Kg)

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: ROY R. RASCON 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471 A TRICE OPERATING HOBBS NM

Receiving Date: 07/20/06 Reporting Date: 07/21/06 Project Number: NOT GIVEN Project Name: EME JCT P-6 Project Location: NOT GIVEN



Sampling Date: 07/20/06 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: BC/AB

CI*

(mg/Kg)

LAB NUMBER SAMPLE ID

ANALYSIS D	DATE	07/20/06	07/20/06	07/21/06	
H11364-1	BOTTOM 5 PT @ 12 FT.	<10.0	<10.0	528	k
H11364-2	4 WALL COMP 30x30	<10.0	<10.0	80	
H11364-3	BACKFILL BLEND	<10.0	24.0	80	
Quality Cont	rol	706	807	990	
True Value (2C	800	800	1000	
% Recovery		95.7	101	99.0	
Relative Per	cent Difference	3.4	8.9	1.0	

GRO

 $(C_6 - C_{10})$

(mg/Kg)

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI⁻: Std. Methods 4500-CI⁻B *Analyses performed on 1:4 w:v aqueous extracts.

* Inconsistent with field tests.

Resample.

H11364

PLEASE NOTE: Liability and Damages. Cardinal's liability and chent's exclusive remedy for any claim ansing, whether based in contract or torn, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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50000	ORIES, INC
2	NC.

NM 88240

(915) 673-7001 Fax (915) 673-7020	3-7020 (505) 393-2326 Fax (505) 393-2476	IX (505) 393-24/6				
Company Name: Kice apolesting co.		BILL TO		ANALYSIS R	REQUEST	
R, Rasca		P.O. #:				
Address: 122 w. tay Lak		Company:				
city: 140 bbs State:N. M	J.M ZIP: 88240	Attn:				
Phone # 393 5104 Fax #:	Fax #: 397-1471	Address:				
	Owner:	Ctty:				
Project Name:		State: Zip:				
Project Location: EME TC+ P-(Phone #:				
Sampler Name:		Fax #:				
FOR LAB USE ONLY	P. MATRIX	PRESERV. SAMPLING				
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL CRUDE OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	CL 8015 m T		· · · · · · · · · · · · · · · · · · ·	
4/1364-1 Bottom Str. @ 12m	e	V 7-20-06	10:45 V V			
Comp	- - -	-	4			
-	- - -		1:40pm V V			
		· · · · · · · · · · · · · · · · · · ·				,
*EAGE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim sharp whether based in contract or tort, shall be limited to the amount paid by the client for the manyees. All claims including those for negligence and any other cause whatbeene table be deemed whethe whether whether whether and neeched by Cardinal within 30 days after completion of the applicable renvice. In no event shall Cardinal be lable for incidential or comparential damages, including whold initiation, business harquicity more, loss of use, or loss of policits, incure due yolicit, its subviolations, renvice. In no event shall Cardinal be lable for incidential or comparential damages, including whold initiation, business harquicits, loss of use, or loss of policits, incure due yolicit, its subviolations, of the above stated to the performance of services betwender by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.	sby for any claim arising whether based in contract o, traft be deemed walved unless made in writing and rt schuling without limitation, business http://publos. Josef on Carcinal invariation, business http://doi.org/10.1000/ unler for Carcinal invariation of whichter such datan is une for Carcinal invariation.	tort, shall be limited to the amount paid by the de- scened by Cardinal within 30 days after completion s of use, or loss of profils insured by client, its sub hexad inon any of the whole stated reasons or o	ent for the n of the applicable baidiaries, . monutes	Terms and Condition 30 days past, due at 8 and all costs of collect	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 invoke, and all costs of collections, including attorney's fees.	ore then tte of invoice,
Sampler Relinquished: Date: Received By: Fax Received By: Fax Received By: Fax Received By: Remark Remarks Rem	Received By:	RE	Phone Result: ☐ Yes Fax Result: ☐ Yes REMARKS:	□ No Add'l Phone #: □ No Add'l Fax #:		
Date:	06 Received By: (Lab Staff)	(In the second s	E Ma	MALL TO RON		
Delivered By: (Circle One)	Sample Condition Cool Intact XYes XYes No I No	ition CHECKED BY: (Initials) to		/		
☆ Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.	Vease fax written changes to t	505-393-2476.				