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REPORTS

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EME Jct B-36 2009

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Environmental Bureau Oil Conservation Division

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RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

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Environmental Bureau Oil Conservation Division

				BOX LOCA	ATION				
		UNIT	SECTION	TOWNSHIP	RANGE	COUNT		DIMENSIONS - FI	
Eunice Monument Eumont (EME)	ct. B-36	в	36	20S	36E	Lea	Length	eliminated	Depth
		l_		1	L			Chillingeod]
LAND TYPE: BLM	ST	ATE X	FEE LA	NDOWNER				₹	
Depth to Groundw	ater 1	<u>03</u> f	eet	NMOCE	SITE ASSE	ESSMEN	IT RANKING	SCORE:	
Date Started	1/6/200	9	Date Cor	mpleted	3/6/2009	oc	D Witness	no	
Soil Excavated	333.3	_cubic yard	s Exc	cavation Le	ength <u>25</u>	Wi	dth <u>30</u>	Depth1	2feet
Soil Disposed	0	_cubic yard	s Of	fsite Facility	<u>،</u> n	/a	Locatio	nn/a	<u> </u>
FINAL ANALYTICA	AL RESU	JLTS:	Samp	le Date	3/2/2009	}	Sample D	epth	12 ft
Procure 5-point compo sidewalls. TPH and approved lab and	Chloride lat	poratory te	est results	completed I	oy using an	f	CHLO	RIDE FIELD TE	STS
Sample Location	PID (field) ppm	GR mg/l	1	DRO mg/kg	Chloride mg/kg		LOCATION	DEPTH	mg/kg
4-WALL COMP.	8.6	<10	.0	<10.0	288		4-wall comp.	n/a	300
BOTTOM COMP.	9.8	<10	.0	<10.0	336		bottom comp	. 12'	450
BLENDED BACKFILL	3.5	<10	.0	<10.0	160		blended backfi	n/a	270
L	L	<u> </u>	l		1		background	6"	204
General Description of F	Remedial A	Action: 7	his junction	box was elin	ninated during	, †	·	1'	147
the pipeline replacement/upg						I		2'	144
investigation was conducted	using a back	khoe to col	ect soil san	nples at regu	lar intervals	-		3'	145
producing a 25x30x12-ft dee	p excavation	. Chloride	field tests v	vere perform	ed on each	[4'	142
sample yielding generally low	v concentrati	ons similar	to that of th	ne backgrour	nd. Organic		vertical delineation	5'	151
vapors were measured using	a PID which	n yielded lo	w concentra	ations. Repr	esentative		trench at 10 f	t 6'	303
composite samples were ser	nt to a comm	nercial labo	ratory for a	nalysis of chl	oride and TPH	+	west of the	7'	268
which confirmed low concent	trations of bo	th. The ex	cavated soi	il was blende	d on site and		junction (sou r ce)	8'	361
returned to the excavation to	ground surfa	ace and co	ntoured to t	he surroundi	ng area. On		(000.00)	9'	405
3/9/2009, the site was seede	ed with a bler	nd of native	vegetation	and is exped	ted to return			10'	404
to a productive capacity at a	normal rate.							11'	384
encl	osures: phot	os, lab res	ults, PID (fie	eld) screening	gs, chloride cu	irve		12'	256

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

SITE SUPERVISOR	Jordan Woodfin		Into	n Wie	elle	COMPANY	RICE OPERATING COMPANY
REPORT ASSEMBLED BY	Katie Jones		()		V		
PROJECT LEADER	Larry Bruce Baker Jr.	SIGNATURE	damy.	Bauce	Braher fr.	DATE	9-14-09

EME Jct. B-36

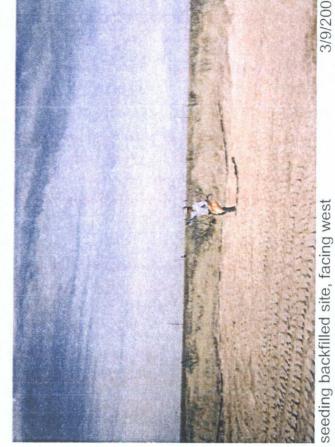






Unit B, Section 36, T20S, R36E





3/9/2009



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

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

Receiving Date: 03/02/09 Reporting Date: 03/03/09 Project Number: NOT GIVEN Project Name: EME JCT B-36 Project Location: EME JCT B-36



Sampling Date: 03/02/09 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: HM Analyzed By: AB/HM

GRO DRO (C_6-C_{10}) (> $C_{10}-C_{23}$) CI^{*} (mg/kg) (mg/kg) (mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS E	ATE	03/03/09	03/03/09;	03/03/09
H16996-1	5PT BTTM COMP @ 12'	<10.0	<10.0	336
H18996-2	4 WALL COMP @ 25' x 30'	<10.0	<10.0	288
H16996-3	BLENDED BACKFILL	<10.0	<10.0	160
······				
l				
L				
Quality Contr	0	478	543	500
True Value G	2C	500	500	500
% Recovery		95.2	109	100
Relative Perc	cent Difference	0.6	6.6	< 0.1

METHODS: TPH GRO & DRO: EPA SW-848 8015 M; CI': Std. Methods 4500-CI'8 *Analyses performed on 1:4 w:v aqueous extracts.

H16996 TOL RICE

PLEASE NOTE, Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount baid by blent for analyses. All plaims, including those for negligence and any other base whatspeever shall be deemed waived, unless made in writing and received by Cardinal within thirty (30) bays 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 but of or related to the performance of services heraunder by Cardinal, regarillass of whether such claim is cased upon any of the appreciated reasons or otherwise. Results relate only to the samples vientified apove. This report shall not be reproticed except in full with written approval of Cardinal Laboratores.

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

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RICE OPERATING COMPANY

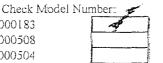
122 West Tayor Hobbs, NM 88240 PHONE: (575) 393-9174 FAX: (575) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM





Model: PGM 7300 Model: PGM 7300 Model: PGM 7300

Serial No: 590-000183 Serial No: 590-000508 Serial No: 590-000504



Model: PGM 7600 Model: PGM 7600 Model: PGM 7600 Serial No: 110-023920 Serial No: 110-013744 Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 4/ 1/2 1/2 9
FILL DATE: 10 10 C	METER READING ACCURACY: 100 P.P.P.

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
81175	B -56	3	36	203	36E

SAMPLE ID	PD	SAMPLE ID	PID
5PI BITTHI COMPERA	7.3		
5PI ETTUI COMPERAT Madal ComPE 30 + 25' Manded BackFill	56		
Nonded BackFill	3.5		
, 			

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

SIGNATUE:

DATE: 5-2 89

RICE Operating Company

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EME Jct. B-36 Unit 'B', Sec. 36, T20S, R36E

Backhoe samples at 10 ft west of the junction (source)

	147	144	145	142	151	303	268	361	405	404	384	256
Depth bgs (ft)	—	2	3	4	5	9	7	8	6	10	11	12

