7-25/ 1R-42

REPORTS

DATE.



EME Hendrix Reeves EOL

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MAR 2.5 2009 Environmental Bureau Oil Conservation Division

CLOSURE

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RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

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					BOX LOCA	TION				
	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUN		IMENSIONS -	
1	Eunice Monument Eumont (EME)	Hendrix Reeves EOL	D	29	20S	37E	Lea	Length 9'	Width 4' eliminated	Depth 5'
L	.AND TYPE: E	BLM	STATE	. FEE LA	ANDOWNER	Milla	ard Deck	OTHER		
[Depth to Grour	ndwater	73	feet	NMOCE	SITE ASSI	ESSME	NT RANKING S	CORE:	10
	Date Started	10/7/	2008	Date Co	ompleted	10/10/2008	<u> </u>	CD Witness	no	
S	Soil Excavated	7	cubic yai	rds Ex	cavation Le	ength 5	" N	/idth3	Depth	12feet
	Soil Disposed	0	cubic yar	rds O	ffsite Facility	<u> </u>	/a	Location	n/a	a
						-	;			
FINAL	L ANALYTI	CAL RE	SULTS:	Sam	ple Date	10/7/200)8 '	Sample De	epth	12 ft
TPH a	nd Chloride lal testin	boratory tes g procedure		• •		proved lab a	nd	CHLOR	RIDE FIELD 1	FESTS
	Sample Location	PID (fie ppm	·	RO g/kg	DRO mg/kg	Chloride mg/kg		LOCATION	_ DEPTH	mg/kg
SOU	RCE 12' GRAI			25.0	176	<16		background	6"	185
L						<u></u>			7'	174
Genera	I Description	of Remedia	al Action:	This junctio	n was eliminat	ted during the)	vertical	8'	176
pipeline ı	replacement/upg	grade progra	n. After the	former junc	tion box was r	emoved, an		delineation trench at the	9'	147
investiga	ition was conduc	ted using a b	ackhoe to c	ollect soil sa	mples at regu	lar intervals		junction	10'	176
producin	g a 5x3x12-ft-de	ep excavatio	n. Field test	s were perfo	ormed on each	n sample,		(source)	11'	176
which yie	elded low concer	ntrations of cl	nloride and o	rganic vapoi	rs. The deepe	est sample,			12'	143
12 ft BG	S, was sent to a	commercial	laboratory fo	or analysis of	f chloride and	TPH, which				
confirme	d low concentra	tions. The ex	cavated soil	was returne	ed to the excav	vation and co	ntoured t	o the surrounding	area. On 10/	10/2008,
the site v	vas seeded with	a blend of na	ative vegetat	ion and is ex	pected to retu	urn to a produ	uctive cap	acity at a normal	rate.	
······						enclosure	s: nhotos	, lab results, PID	field screening	, chloride curv
							3. priotos			
	I HEREBY	CERTIFY	THAT THE		TION ABOV		1	OMPLETE TO 1	HE BEST O	F MY
SITE SUF	PERVISOR	Jordan Wood	l <u>fin</u> SIG	NATURE <u></u>	Jorda	n Wood	Y	COMPANY	RICE OPERA	TING COMPANY
	PORT EMBLED BY	Katie Jone			KT					
PROJEC		arry Bruce Bal	er Jr. SIG	NATURE 🔔	Lany 13	Buce Ba	her fr	DATE	12-1	1-08

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EME Hendrix Reeves EOL

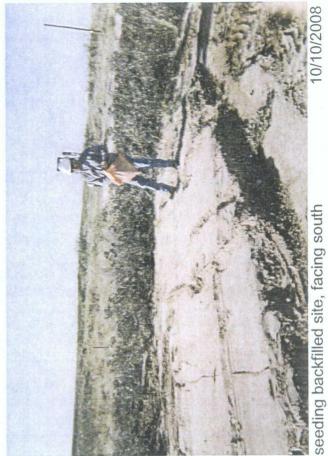


10/7/2008



Unit D, Section 29, T20S, R37E







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

こ(0)12

Receiving Date: 10/07/08 Reporting Date: 10/09/08 Project Number: NOT GIVEN Project Name: EME REEVES EOL Project Location: EME REEVES EOL Sampling Date: 10/07/08 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: AB/HM

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

ANALYSIS DATE	10/08/08	10/08/08	10/08/08
H16060-1 SOURCE BTM GRAB @ 12 FT	<25.0	176	<16
			}
Quality Control	584	536	500
True Value QC	500	500	500
% Recovery	117	107	100
Relative Percent Difference	1.1	6.4	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.

. lul Chemist

Date

H16060 TCL RICE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the aniount paid by client for analyses. All claims, including those for negligence and any office 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 nereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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	40 2111 Beechwood, Abilene,
ARDINAL LABORATORIES	101 East Marland, Hobbs, NM 88240

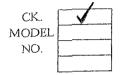
101 East Marland, Hobbs (505) 393-2326 FAX (50 Company Name: アビレデ へのぞさみ TLN/2	s, NM 88240 35) 393-2476	2111 Beechwood, Abilene, TX 79603 (325) 673-7001 FAX (325)673-7020		
		P.O. #:		
Address: 122 W TAYLOR		Сопрану:		
City: L/OBBS	State: MV Zip: 2240	Attn:		
Phone #:575) 393 - 9174	Fax #: 5-75) 397 - 1471	Address:		
Project #:	Project Owner:	city:		
Project Name: CM E REEVES	Eor	State: Zip:		
Project Location: EME REE	REEVES EUL	e #:		
Sampler Name: Jord N. V.	1000F1N	Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	С (G)RAB OR (C)OMP. # СОИТАІИЕRS ВАСИИРИТАК ВАСИИРИТАК Васи Соіс Оіс Соіс	DTHER : ACID/BASE: DTHER : DTHER : DTHER : DTH	198 HJL 1916 CI 9 1916 CI 9 1916 CI 9 1917 CI 19 1917 CI 19 1917 CI 19 19 19 19 19 19 19 19 19 19 19 19 19 1	
14100 abril Source BAAI grat	5012F+ 61	x0-2-01 ×	HUB POR X X	
anelytet. All claims including these for negatives a mounty and a southyst. All claims including these for negagences and any other sources. In no event shaft Cardmal be lichtergigence and any other affiess of assocrasts suiting cut of or related to the performance	anityses. Al claims including moves one means reprove energy for any claim sugnity whether based in contract of not, shall be limited to be anown paul by the clean the rise anityses. Al claims including move for negigence and any structure of the energy whether based in contract of neg with 3.0 days and completion of the applicable as vice. In no event shall Condmal be living approximate and changes, because whether, curket made in vicing and received by Caulting the care with 3.0 days and completion of the applicable as vice. In no event shall Condmal be living and control with a chanding without living and received by Caulting the above with the control of the applicable as vice. In no event shall Condmal be living and an appearance of services hereander by Gardina, curket his interpretion and a past of user, or has of polini incurted by claim is applicable and applicable of the applicable of the control of services hereander by Condmal, regurdies a of without a based upon in yorld by a direct instant of a pro- cessed of upon interview of the control of the other of the control of services becomder by Caulting the control of the above stated instant of other historicable.	ot tort, shell be limiled to the amount paid b teceived by Cardinal within 30 days after ci sas of use, or has of prolith incurted by diler b besed upon any of the above stated i eaco	y the client for the ompletion of the applicable N, its subsidiation	
Relinquished By:	Date: 03 Received By:	A Contraction of the second se	Phone Result: 1 Yes 1 No Fax Result: 1 Yes 1 No Geman Sec.	40 Add1 Phone #: 40 Add1 Fax #:
Relinquished By:	Date: Received By:	ul / u /		EMAIL PESULTS TO: BBALERO PICESWO.COM
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact X Yes	on CHECKED BY: (Igilials)	CC JPUISNIG	JANIZVIS @ RICESCUD.CON

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

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RICE OPERATING COMPANY

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



MODEL: PGM 7300 MODEL: PGM 7600 MODEL: PGM 7600 MODEL: PGM 7600

SERIAL NO: 590-000183 SERIAL NO: 110-013744 SERIAL NO: 110-12383 SERIAL NO: 110-023920



GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 03 - 3425	EXPIRATION DATE: 3-29-03
FILL DATE: 2-29-03	METER READING ACCURACY: 99.9

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	HENDRIX REEVES EOL	D	29	205	37E

SAMPLE ID	PID	SAMPLE ID	PID
Source		Bacizground	2.1
7′	1.6	.	
8'	0. Z		
9'	0.Z		
10'	0.0		
11	3.4	· · ·	
12'	9.5		
· · · · · · · · · · · · · · · · · · ·			
-	· · · · · · · · · · · · · · · · · · ·		

I verify that I have calibrated the above insrument in accordance to the namufacture operation manual.

Jordon to body SIGNATUE

DATE: 10-4-08

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

EME Hendrix Reeves EOL

Unit 'D', Sec. 29, T20S, R37E

Backhoe samples at junction (source)

l [GI] ppm	174	176	147	176	176	143
Depth bgs (ft)	7	8	6	10	11	12

Groundwater = 73 ft

