# 1R - 427 - 118

## REPORTS

DATE:

2-14-2001

:		

#### RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP		COUNTY	BOX D	IMENSIONS	- FEET
EME	M-10	M	10	215	36E	LEA	Length 5'	Width 5'	Depth 5'
LAND TYPE:	BLM	STATE	X FEE LA	NDOWNER			OTHER		
Depth to Grou	ndwater	>100	feet	NMOCI	SITE ASSI	ESSMENT	RANKING S	CORE:	0
Date Started	09/24	/2001	Date Co	mpleted	02/27/2001	OCD '	Witness	N	0
Soil Excavated	20	cubic ya	rds Ex	cavation Le	ength 10	Width	10	Depth	6 feet
Soil Disposed	12	cubic ya	rds O	ffsite Facility	SUND	ANCE	Location	EUN	IICE,NM
FINAL ANALY	TICAL R	ESULT	S: Sampl	e Date	10/14/2	001	Sample De	epth	6'
F	Procure 5-poi BTEX and	•	•		d 4-point com		-		
			procedures	pursuant to	NMOCD gu	idelines.			
Sample Location	Вепzеле mg/kg		uene E g/kg	thyl Benzene mg/kg	Total Xylen mg/kg	1	₹O /kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	<0.005		.005	<0.005	<0.015		50	334	198
BOTTOM	<0.005	<0	.005	<0.005	< 0.015	10	04	3780	1130
NMOCD guidelines. In	stalled compac	ted clay liner			ral extent to be and backfilled.	<del></del>	OCATION	DEPTH	
<del></del>							DEWALLS		160
						E	воттом	6'	990
			·						
						L			
IHEREE	BY CERTIFY	THAT THE			E IS TRUE AND BELIEF		LETE TO T	HE BEST O	FMY
DATE	02/ <i>*</i>	14/2001	2/_	PR	INTED NAME		Jame	es Strugill	
SIGNATURE	rmer	14	Misa	>	TITLE	····	Environme	ntal Technic	ian
//	•	/	//	/					



PHONE (505) 393-2326 · 101 E. MARLAND · HOBBS, NM 80240

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: JAMES STURGILL 122 W. TAYLOR HOBBS, NM 88240 FAX TO:

Receiving Date: 11/14/00 Reporting Date: 11/15/00

Project Number: NOT GIVEN

Project Name: M-10 SIDES & BOTTOM EME Project Location: UM SEC 10-T21S-R36E

Sampling Date: 11/14/00 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH Analyzed By: BC/AH

	GRO	DRO	:
	$(C_6-C_{10})$	(>C <sub>10</sub> -C <sub>28</sub> )	CI*
LAB NUMBER SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)

ANALYSIS D	DATE	11/14/00	11/14/00	11/15/00
H5341-1	M-10-SIDE	<50	334	198
H5341-2	M-10-BOTTOM	104	3780	1130
Quality Cont	rol	787	804	954
True Value C	C	800	800	1000
% Recovery		98.3	100	95.4
Relative Per	cent Difference	7.7	0.9	4.9

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl<sup>-</sup>: Std. Methods 4500-Cl<sup>-</sup>B \*Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

H5341A.XLS



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

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: JAMES STURGILL 122 W. TAYLOR HOBBS, NM 88240 FAX TO:

Receiving Date: 11/14/00 Reporting Date: 11/16/00 Project Number: NOT GIVEN

Project Name: M-10 SIDES & BOTTOM EME Project Location: UM SEC 10-T21S-R36E

Sampling Date: 11/14/00-Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS [	DATE	11/15/00	11/15/00	11/15/00	11/15/00
H5341-1	M-10-SIDE	<0.005	<0.005	<0.005	<0.015
H5341-2	M-10-BOTTOM	<0.005	<0.005	<0.005	<0.015
Quality Cont	rol	0.094	0.095	0.087	0.266
True Value (		0.100	0.100	0.100	0.300
% Recovery	<del></del>	93.8	94.7	87.2	88.6
Relative Per	cent Difference	1.4	3.8	0.5	2.8

METHOD: EPA SW-846 8260

Chemist

Date

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476 (915) 673-7001 Fax (915) 673-7020 2111 Beechwood, Abilene, TX 79603

Company remier.	こことに入りている。	( ) .			***			AIRAL I ON			_		
Project Manager:	JAMES STURGIL	. L	P.O. #						-			<u></u>	
Address:	S W TAYLOR		Company:										
10	States (T) Zip:	2ps 88240	Attn:										
Phone *	<b>松 河</b>		Address:									<del>-</del>	
Project #:	Project Owing Sart	Biton	Chy:								<u>-</u>		
Project Name:	M-10-5,4-STEME	ME		Złp:		w							
Project Location:	UM.	15 R36E	*		0								
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FUR LAB USE ONLY		MATRIX	PRESERV	SAMPLING	3. <u>T</u>	0							
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		(G)RAB OI GROUNDI WASTEW # CONTAI SUUDE O	OTHER: ACID/BAS IOE / COO	DATE									
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service. In the event shall Ca	for betterned or consequents) described		dues, or bee of profile has	enione identificat, hos of unt, or hos of profits fronted by effect, its solutionists,				7	a d'oute	and of code of codestrue, including orientary's from	1		
afficient of successive articles out of or the	and to the prefermency of services bear	under by Cardinal regardings of whether each client is beset upon any of the above acted treasers or otherwise		solid teachs of charles	1	1	1	20.00					
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:

ved By: (Lab Sta

STOTE PO

2-BT& LO 60 = 160 2-TPH, 8015M, GRONDON 080=180

02/

#### Sundance Services, Inc.

32200

	P.O. Box 1737 ★ Eunice, N (505) 394-2511	M 88231	
LEASE OPERATOR/SHIPPER	R/COMPANY:		
LEASE NAME:		M-10°	
TRANSPORTER COMPANY:		TIME:	AM/PM
DATE: / // VE	HICLE NO.:	DRIVER NO.:	
CHARGE TO:	-		
	TYPE OF MATER	RIAL	
[ ] Production Water [ ] Tank Bottoms [ ] Other Material:  Description:	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:	[ ] Completion Fluid [ ] C-117 No.:	
VOLUME OF MATERIAL [ ]	BBLS: [	] YARD:	[]
AS A CONDITION TO SUNDANCE S JOB TICKET, OPERATOR/SHIPPER R HEREWITH IS MATERIAL EXEMPT F AMENDED FROM TIME TO TIME, 40 AND REGULATIONS RELATED THER PRODUCED WATERS, AND OTHER V PRODUCTION OF CRUDE OIL OR NA	EPRESENTS AND WARRANTS TO THE RESOURCE, CONSEIN U.S.C. § 6901, et seq., THE NM RETO, BY VIRTUE OF THE EXEVASTE ASSOCIATED WITH THE	THAT THE WASTE MATERIAL S RVATION AND RECOVERY ACT I HEALTH AND SAF. CODE § 36 EMPTION AFFORDED DRILLING E EXPLORATION, DEVELOPMEN	SHIPPED OF 1976, AS 11.001, et seq., FLUIDS,
ALSO AS A CONDITION TO SUNDA THIS JOB TICKET, TRANSPORTER RI OPERATOR/SHIPPER TO TRANSPORT FACILITY FOR DISPOSAL.	EPRESENTS AND WARRANTS T	THAT ONLY THE MATERIAL DE	LIVERED BY
THIS WILL CERTIFY that the a Statement at the above described will certify that no additional mat without incident.	location, and that it was ten verials were added to this loc	idered by the above described	d shipper. This
DRIVER: (SIGNATURE)	Land to be her so	<u> </u>	· · · · · · · · · · · · · · · · · · ·
FACILITY REPRESENTATIVE:	ONATURE)		
White-Sundance Canary-Sundance Acct#1 Pin Revised 12/27/95			

#### RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

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SWD SYSTEM	JUNCTION	UNIT	SECTIO	N TOWNSHI		COUNTY	Length	MENSIONS Width	- FEC I	-
EME	M-10	M	10	21S	36E	LEA	5'	5'	5'	
LAND TYPE:	BLM	STATE	X FEE	LANDOWNE	R		OTHER			
Depth to Grou	ndwater	>100	feet	NMOC	DD SITE ASS	ESSMENT	RANKING S	CORE:	0	
Date Started	09/24	1/2001	Date	Completed	02/27/2001	OCD	Witness	N	10	
Soil Excavated	20	cubic ya	rds	Excavation	Length 10	Width	10	Depth	6	fee
Soil Disposed	12	cubic ya	rds	Offsite Facili	tySUNE	ANCE	Location	EUN	NICE,NM	
NAL ANAL'	Procure 5-po	int composi	te sample coratory t	e of bottom ar est results co	nd 4-point com mpleted by us	posite sam ing an appro	ple of sidew	alls. TPH,	6'	<del></del>
Sample	Benzene		uene	<u> </u>	to NMOCD gu		RO	DRO	Chlorid	es
Location	mg/kg		g/kg	mg/kg			g/kg	mg/kg	mg/kg	
BOTTOM	<0.005 <0.005		.005 .005		<0.015 <0.015		50 04	334 3780	198 1130	
OCD guidelines. I	ilstalieu Cumpa	icted Clay lines	and water	ugni junction bo	X and Dacknieu.		OCATION	DEPTH	d mo	/kg
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							BOTTOM	6'	9:	90
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TE		/14/2001		F	PRINTED NAME			es Strugill		
NATURE	Emef	V-7	M	(g)	TITLE	,	Environme	ental Techni	cian	
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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88-2

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: JAMES STURGILL

122 W. TAYLOR HOBBS, NM 88240

FAX TO:

Receiving Date: 11/14/00 Reporting Date: 11/15/00

Project Number: NOT GIVEN

Project Name: M-10 SIDES & BOTTOM EME Project Location: UM SEC 10-T21S-R36E

Sampling Date: 11/14/00 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH Analyzed By: BC/AH

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

ANALYSIS DATE	11/14/00	11/14/00	11/15/00
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Quality Control	787	804	954
True Value QC	800	800	1000
% Recovery	98.3	100	95.4
Relative Percent Difference	7.7	0.9	4.9

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl<sup>-</sup>: Std. Methods 4500-Cl<sup>-</sup>B \*Analyses performed on 1:4 w:v aqueous extracts.

Ben Holl Cook

Date

H5341A.XLS



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

ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: JAMES STURGILL 122 W. TAYLOR HOBBS, NM 88240 FAX TO:

Receiving Date: 11/14/00
Reporting Date: 11/16/00
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Project Location: UM SEC 10-T21S-R36E

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Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS I	DATE	11/15/00	11/15/00	11/15/00	11/15/00
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H5341-2	M-10-BOTTOM	<0.005	<0.005	<0.005	<0.015
Quality Cont		0.094	0.095	0.087	0.266
True Value		0.100	0.100	0.100	0.300
% Recovery		93.8	94.7	87.2	88.6
Relative Per	cent Difference	1.4	3.8	0.5	2.8

METHOD: EPA SW-846 8260

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Date

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Page ANALYSIS REQUEST company: Address: P.O. R. Ë Startec () () Zip: Fax Company Name: roject Manager. Project Location: roject Name: Open # home #

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

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Coupes in forcass - 44 TPH, 8015M, GROFDED OFF-180

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CHECKED BY: (Initials)

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### Sundance Services, Inc. P.O. Box 1737 \* Eunice, NM 88231

35382

(505) 394-2511						
LEASE OPERATOR/SHIPPER/COMPANY:						
LEASE NAME: 1975 M-10						
TRANSPORTER COMPANY: TIME: AM/PM						
DATE: / / / / VEHICLE NO.: DRIVER NO.:						
CHARGE TO:						
	TYPE OF MATE	RIAL				
[ ] Production Water [ ] Tank Bottoms [ ] Other Material:  Description:	[ ] Drilling Fluids [ ] Contaminated soil [ ] BS&W Content:	[ ] Completion Flui [ ] C-117 No.:				
VOLUME OF MATERIAL [ ]	BBLS:	[ ] YARD:	[]			
AS A CONDITION TO SUNDANCE JOB TICKET, OPERATOR/SHIPPER I HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, 4 AND REGULATIONS RELATED THE PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR NAME OF ALSO AS A CONDITION TO SUND THIS JOB TICKET, TRANSPORTER IS OPERATOR/SHIPPER TO TRANSPORTATION FACILITY FOR DISPOSAL.	REPRESENTS AND WARRANTS FROM THE RESOURCE, CONS 40 U.S.C. § 6901, et seq., THE N ERETO, BY VIRTUE OF THE EX WASTE ASSOCIATED WITH T NATURAL GAS OR GEOTHERM DANCE SERVICES, INC.'S ACCOREPRESENTS AND WARRANTS RTER IS NOW DELIVERED BY	S THAT THE WASTE MATERIAL SERVATION AND RECOVERY ACTION HEALTH AND SAF. CODE § 30 XEMPTION AFFORDED DRILLING HE EXPLORATION, DEVELOPMENAL ENERGY.  EPTANCE OF THE MATERIALS SETHAT ONLY THE MATERIAL DETAILS TRANSPORTER TO SUNDANCE SETANSPORTER TO SUNDANCE SETANT ONLY THE MATERIAL DETAILS SETANT ONL	SHIPPED F OF 1976, AS 61.001, et seq., G FLUIDS, NT OR HIPPED WITH ELIVERED BY SERVICES, INC.'S			
THIS WILL CERTIFY that the Statement at the above described will certify that no additional mounthout incident.  DRIVER: (SIGNATURE)	d location, and that it was t	endered by the above describe	ed shipper. This			
FACILITY REPRESENTATIVE:(S	SIGNATURE)					
White-Sundance Canary-Sundance Acct#1 P Revised 12/27/95	Pink-Sundance Acct#2 Gold-Transporte	er				

一年の我們知識的情報が出来に対しては、我們的問題を見れる機能の主義者というの意となったがはないなる。そのは他の情報がないのではないのではないのできない。 これによってものから、なるない