1R - 426-76

REPORTS

DATE:

4/06/2001

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

SWD SYSTEM				BOX LOC						
	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSION		
BD	F-21	F	21	215	37E	LEA	Length 6'	Width 6		Depth 5'
LAND TYPE: BI		STATE	F	FEE LANDOWN	ER <u>Millard</u>	Deck Estat	te OTHE	R		
Depth to Ground	water 75	'-80'	feet	NMOCD SITE A	SSESSMENT I	RANKING S	CORE: 10	-		
Date Started	04-Apr-	01	_ Date Co	mpleted	05-Apr-01	_ OCD V	Vitness	n	one	
Soil Excavated	48	cubic ya	ards E	xcavation len	gth13'	Width	13'	Depth _	8'	feet
Soil Disposed	48	cubic ya	ards C	Offsite Facility	Sundano	e Disposal	Locati	ion <u>E</u>	unice	N.M.
FINAL ANALYT	ICAL RESULT	rs: \$	Sample Da	ate 0	5-Apr-01	Sam	ole Depth		B' BGS	;
			procedure	t results comp s pursuant to	NMOCD guid	lelines.	· · · · · · · · · · · · · · · · · · ·		والمساورة والسو	
Sample Location	Benzene ma/ka		uene 1/kg	Ethyl Benzene ma/ka	Total Xylenes mg/kg	3	RO /ka	DRO mg/kg		Chlorides mg/kg
SIDEWALLS	<0.005		005	<0.005	<0.015		50	<50		528 ppm
воттом	<0.005		005	<0.005	<0.015	<	50	<50	_	160 ppm
N	- 6 PD - 11		-		600		0111 011		n ***	222
auled off 48 yard	s of impacted	soil to the	Sundance	e Disposal Fa	cility and			RIDE FIEL		
uled off 48 yard: placed with clear	s of impacted	soil to the lay barrier	Sundance was instal	e Disposal Fa	cility and by a water tigl	nt LC	OCATION	DEP'	TH	Chlorid
uled off 48 yard: placed with clear	s of impacted	soil to the lay barrier	Sundance was instal	e Disposal Fa	cility and by a water tigl	nt LC	OCATION lorth Wall	DEP' 2'-7' B	TH IGS	Chloride 200 pp
uled off 48 yard: placed with clear	s of impacted	soil to the lay barrier	Sundance was instal	e Disposal Fa	cility and by a water tigl	nt LC	OCATION lorth Wall East Wall	DEP' 2'-7' E 2'-7' E	TH IGS IGS	Chlorid 200 pp 50 ppr
auled off 48 yard: placed with clear	s of impacted	soil to the lay barrier	Sundance was instal	e Disposal Fa	cility and by a water tigl	nt LC	OCATION lorth Wall East Wall Vest Wall	DEP' 2'-7' E 2'-7' E 2'-7' E	TH IGS IGS	Chlorid 200 pp 50 ppr 478 pp
auled off 48 yard: placed with clear	s of impacted	soil to the lay barrier	Sundance was instal	e Disposal Fa	cility and by a water tigl	nt LC s. A	OCATION North Wali East Wali West Wali	DEP' 2'-7' E 2'-7' E 2'-7' E	TH IGS IGS IGS	Chlorid 200 pp 50 ppr 478 pp
uled off 48 yard: placed with clear	s of impacted	soil to the lay barrier	Sundance was instal	e Disposal Fa	cility and by a water tigl	nt LC s. A V	OCATION lorth Wall East Wall Vest Wall	DEP' 2'-7' E 2'-7' E 2'-7' E	TH BGS BGS BGS BGS	Chloride 200 pp 50 ppr 478 pp 475 pp 350 pp
auled off 48 yard: placed with clear	s of impacted	soil to the lay barrier	Sundance was instal	e Disposal Fa	cility and by a water tigl	nt LC s. A V	OCATION North Wall East Wall West Wall South Wall	DEP' 2'-7' E 2'-7' E 2'-7' E 2'-7' E	TH BGS BGS BGS BGS	Chloride 200 pp 50 ppr 478 pp 475 pp 350 pp
auled off 48 yard: placed with clear	s of impacted	soil to the lay barrier	Sundance was instal	e Disposal Fa	cility and by a water tigl	nt LC s. A V	OCATION North Wall East Wall West Wall South Wall	DEP' 2'-7' E 2'-7' E 2'-7' E 2'-7' E	TH BGS BGS BGS BGS	Chloride 200 pp 50 ppr 478 pp 475 pp 350 pp
auled off 48 yard: placed with clear	s of impacted	soil to the lay barrier	Sundance was instal	e Disposal Fa	cility and by a water tigl	nt LC s. A V	OCATION lorth Wall East Wall West Wall South Wall all Composite	DEP' 2'-7' E 2'-7' E 2'-7' E 2'-7' E	TH IGS IGS IGS IGS IGS	Chloride 200 ppr 50 ppr 478 ppr 475 ppr 350 ppr 375 ppr
General Description of 48 yards placed with clear notion box then be a likely of the best	s of impacted h backfill. A c packfilled. All	soil to the lay barrier samples o	Sundance was insta- did not exc	e Disposal Fa	cility and by a water tigl CD guideline	S. A. V. S. W. Bott	OCATION lorth Wall East Wall West Wall South Wall all Composite	DEP' 2'-7' E 2'-7' E 2'-7' E 2'-7' E 8' BO	TH PGS PGS PGS PGS PGS PGS PGS	Chloride 200 ppr 50 ppn 478 ppr 475 ppr 350 ppr
euled off 48 yards placed with clear nction box then b	s of impacted hackfill. A chackfilled. All hackfilled. All hackfilled backfilled backfilled.	soil to the lay barrier samples of the inform	Sundance was instal did not exc	e Disposal Far Hed followed beed the NMO	cility and by a water tigl CD guideline	he best of	OCATION lorth Wall East Wall West Wall South Wall all Composite from composite	DEP' 2'-7' E 2'-7' E 2'-7' E 2'-7' E 8' BO	TH IGS	Chloride 200 ppr 50 ppn 478 ppr 475 ppr 350 ppr



ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: CHRIS RODRIGUEZ 122 W. TAYLOR

HOBBS, NM 88240 FAX TO:

Receiving Date: 04/05/01

Reporting Date: 04/06/01

Project Number: BOX UPGRADE

Project Name: COMPOSITE WALLS & BOTTOM OF JCT. F-21

Project Location: JCT. F-21 B-D

Sampling Date: 04/04/01 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC Analyzed By: BC/AH

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

ANALYSIS	DATE	04/05/01	04/05/01	04/06/01
H5767-1	WALL COMPOSITE	<50	<50	528
H5767-2	воттом	<50	<50	160
Quality Con	trol	744	753	1020
True Value		800	800	1000
% Recovery	1	92.9	94.1	102
Relative Pe	rcent Difference	4.9	1.4	3.9

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

Chemist Chemist

Date

H5767A.XLS
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 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 Cardinat 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 sucn claim is based upon any of the above-stated reasons or otherwise.



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

Receiving Date: 04/05/01

Reporting Date: 04/06/01

Project Number: BOX UPGRADE

Project Name: COMPOSITE WALLS & BOTTOM

OF JCT. F-21

Sampling Date: 04/04/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC Analyzed By: BC/AH

Project Location: JCT. F-21 B-D

ETHYL TOTAL TOLUENE **XYLENES** BENZENE BENZENE LAB NO. SAMPLE ID (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg)

ANALYSIS DA	TE	04/05/01	04/05/01	04/05/01	04/05/01
H5767-1	WALL COMPOSITE	<0.005	<0.005	<0.005	<0.015
H5767-2	воттом	<0.005	<0.005	<0.005	<0.015
Quality Control		0.111	0.104	0.105	0.312
True Value QC	,	0.100	0.100	0.100	0.300
% Recovery		111	104	105	104
Relative Perce	nt Difference	3.1	6.3	0.9	1.2

METHOD: EPA SW-846 8260

uses La Cashe

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES, INC.
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240

(915) 673-7001 Fax (915) 673-7020	(505) 393-2326 Fax (505) 393-2476	505) 393-2476			Pageof	
company Name: Pill Proceeding Co.		9/11			ANALYSIS REQUEST	
		P.O. #:			1	
Adress: SJ2 W. TAYPOR	G	Company: RiCC				
State: All State: Al M. Zip:	89246				,	
hone #: 393.9174 Fax #:		BBS: 522 W,	Toples			
roject #: Box 1/242 Arie Project Owner:	9					
Project Name: 1 compassite asalls & both	50 of Ict F-21 9		0			
roject Location: Jc+ [=-2] &-0	P	. ~>				
Sampler Name:	77	Fax #:				
FOR LIVE USE CHLY	MATRIX	PRESERV SAMPLING				
OMP	ER R					
Lab I.D. Sample I.D.	# CONTAINERS GROUNDWATE WASTEWATER	ACID/BASE: ICE / COOL OTHER:	B TEX	<u>'</u>		
HST671 Hyall composite	1	1441	ス			
-2 follow x		—	×			
EAST NOTIC Unlike and Demanges, Cardenin's hability and about a section or remark for any dates white whether based in contract or tot, and be included to the	a wing whether beauth is contract or tort					
ellypen. At dahra Induling Steen for rapityseen and any other cause whateverse shall be desented websoning. The control of the desented websoning in the seed shall Cardinal be label for indexed or consequented desergest, including subject limited. Medies or succession shall got did not included to the printermones of teaches investigate for Cardinal Induline.	and waited when made it writing and montes. And installed, business intempolars, loss of use of the constant	and by clean.	fon of the applicable		The state of coloriers, including attempts here.	Ī
ampler Relinquished: Date: R Time:	Received By:		Phone Result: Fax Result: REMARKS:	□Yes □No	Add1 Phone #: Add1 Fax #:	
	Received By: (Lab Staff)					
Delivered By: (Circle One)	Sample Condition	CHECKED BY:				
Sampler - UPS - Bus - Other:		(Basinii)				

[†] Cardinal cannot accept verbai changes. Please fax written changes to 505-393-2476.

Sundance Services, Inc. 38766 P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: TRANSPORTER COMPANY: TIME: AM/PM VEHICLE NO .: **DRIVER NO.: CHARGE TO:** TYPE OF MATERIAL [] Production Water [] Completion Fluids [] Drilling Fluids Contaminated soil [] Tank Bottoms [] C-117 No.: [] Other Material: [] BS&W Content: Description: VOLUME OF MATERIAL [] BBLS. AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS; PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC. FACILITY FOR DISPOSAL... THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. White-Sundance Canary-Sundance Acct#1. Pink-Sundance Acct#2 Gold-Transporter

Revised 12/27/95

	Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231
	LEASE OPERATOR/SHIPPER/COMPANY:
	LEASE NAME: JC1 F 21-5
-	TRANSPORTER COMPANY: 15 TOCCH TIME: AM/PM
	DATE: 3-19-0/ VEHICLE NO.: 2 DRIVER NO.:
	CHARGE TO: 1/10 C OPER
	TYPE OF MATERIAL [] Production Water
	Description:
	AS A CONDITION TO SUNDANCE SERVICES; INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF CODE § 361.001; et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.
	ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter
	Statement at the above described location, and that it was tendered by the above described shipper. This
	will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER:
	(SIGNATURE) FACILITY REPRESENTATIVE:
	(SIGNATURE) White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95

A Commence of the Commence of

Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 LEASE OPERATOR/SHIPPER/COMPANY: 1997 10 10 LEASE NAME: TIME: AM/PM VEHICLE NO.: DRIVER NO.: DATE: 7 **CHARGE TO:** [] Drilling Fluids [] Production Water [] Contaminated soil [] Tank Bottoms [] Other Material: [] BS&W Content: Description: VOLUME OF MATERIAL [] BBLS. AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361,001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC. S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY: OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC. FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER: (SIGNATURE) **FACILITY REPRESENTATIVE:** White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

Revised 12/27/95

		Sundance Servi P.O. Box 1737 ★ Eunice, (505) 394-2511	NM 88231	3877(
LEASE (OPERATOR/SHIPP	PER/COMPANY: R	<u>e</u>	
LEASE I	NAME: Jaf	-213	ROSNO	
TRANSP	ORTER COMPANY	Y: Visita Dirit	WOLK TIME:	AM/PN
DATE:	3 1/2-20	VEHICLE NO.:	DRIVER NO.:	
CHARGE	то: 😂 🚁	- Rice		
[] Tank B		TYPE OF MATE	ERIAL ICC of T	25 ids
Descrip		[] BS&W Content:	RIZE &	
AS A COL JOB TICKE HEREWITH AMENDED AND REGU	I, OPERATOR SHIPPER IS MATERIAL EXEMP FROM TIME TO TIME, LATIONS RELATED TH	PBBLS. E SERVICES, INC.'S ACCEPTANT REPRESENTS AND WARRANTS T FROM THE RESOURCE, CONS. 40 U.S.C. § 6901, et seq., THE NIERETO, BY VIRTUE OF THE ED.	CE OF THE MATERIALS SHIPPED THAT THE WASTE MATERIAL SERVATION AND RECOVERY ACTUM HEALTH AND SAF. CODE \$ 30 KEMPTION AFFORDED DRILLING HE EXPLORATION, DEVELOPMENT	SHIPPED OF 1976 AS 51.001 et seq FLUIDS
PRODUCTION ALSO AS THIS JOB TO PERATOR	ON OF CRUDE OIL OR A CONDITION TO SUN ICKET, TRANSPORTER	NATURAL GAS OR GEOTHERM DANCE SERVICES, INC. S ACCI REPRESENTS AND WARRANTS		HIPPED WITH
	医染血髓 医氏造术性感染病病 海底	供 经净银行 激动物 经原数减减分额		2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Statement	at the above describe that no additional m	ed location, and that it was to	he material represented by this endered by the above described oad, and that the material was	d-shipper:: This
Statement will certify without ind	at the above describe that no additional mident. (SIGNATURE)	ed location, and that it was to	endered by the above describe	d-shipper:: This

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

10-				BOX LOC					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY		MENSIONS	- FEET Depth
BD	F-21	F	21	218	37E	LEA	Length 6`	Width 6`	5°
AND TYPE: B	LM	STATE	F	EE LANDOWN	IER <u>Millar</u>	l Deck Estat	e OTHE	R	
Depth to Ground	dwater7	′5'-80'	_feet	NMOCD SITE	ASSESSMENT	RANKING S	CORE: 10		
Date Started	04-Apr	-01	Date Cor	mpleted	05-Apr-01		Vitness	none)
Soil Excavated	48	cubic y	ards E	xcavation ler	ngth 13°	Width	13`	Depth	8' feet
Soil Disposed	48	cubic y	ards O	ffsite Facility	Sundand	e Disposa	Locati	on <u>Eun</u>	ice N.M.
FINAL ANALYT	ICAL RESUL	.TS:	Sample Da	ite (05-Apr-01	Samı	ole Depth	8' E	3GS
1 1140-1-1-1140-1-1-1	TOME MEGOL				50 / (p) 0 		olo Dopul	<u> </u>	<u></u>
					4-point com				
	BTEX and C		•		pleted by usin	•	oved lab an	d testing	
			procedures	s pursuant to	NMOCD gui	delines.			
Sample	Benzene	Tol	uene E	thyl Benzene	Total Xylene	s G	२०	DRO	Chlorides
Location	mg/kg		g/kg	mg/kg	mg/kg		/ka	mg/kg	mg/kg
SIDEWALLS	<0.005		.005	<0.005	<0.015		50	<50	528 ppm
воттом	<0.005	<0.	.005	<0.005	<0.015	<:	50	<50	160 ppm
aled off 48 yard		_				_ [OCATION	DEPTH	Chloride
then backfilled. Al	ll samples did r	not exceed the	NMOCD gui	delines.			North Wall	2'-7' BG	
· · · · · · · · · · · · · · · · · · ·							East Wall	2'-7' BG	
							Vest Wall	2'-7' BG	
							South Wall	2'-7' BG	1
							all Composite	2'-7' BG	
·				· · · · · · · · · · · · · · · · · · ·			tom composite	8' BGS	
		· · · · · · · · · · · · · · · · · · ·					om composite		- J - J - J - J - J - J - J - J - J - J
· · · · · · · · · · · · · · · · · · ·								:	
								~~	
l here	by certify tha	at the inform	nation abov	e is true and	I complete to	the best of	my knowle	dge and bel	ief.
NATURE CA		06-Apr-01			PRINTED N	IAME	Chris	Rodriguez	
NATURE_ CA	ris K	drigu	<u>'S</u>		TITLE		Environment	al Technician	_
		10)						_



ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: CHRIS RODRIGUEZ 122 W. TAYLOR **HOBBS, NM 88240**

FAX TO:

Receiving Date: 04/05/01 Reporting Date: 04/06/01

Project Number: BOX UPGRADE

Project Name: COMPOSITE WALLS & BOTTOM

OF JCT. F-21

Project Location: JCT. F-21 B-D

Sampling Date: 04/04/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC/AH

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

ANALYSIS DATE	04/05/01	04/05/01	04/06/01
H5767-1 WALL COMPOSITE	<50	<50	528
H5767-2 BOTTOM	<50	<50	160
Quality Control	744	753	1020
True Value QC	800	800	1000
% Recovery	92.9	94.1	102
Relative Percent Difference	4.9	1.4	3.9

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

builth A Cohe Chemist



ANALYTICAL RESULTS FOR RICE OPERATING CO. ATTN: CHRIS RODRIGUEZ 122 W. TAYLOR **HOBBS, NM 88240**

FAX TO:

Receiving Date: 04/05/01

Reporting Date: 04/06/01

Project Number: BOX UPGRADE

Project Name: COMPOSITE WALLS & BOTTOM

OF JCT. F-21 Project Location: JCT. F-21 B-D

Sampling Date: 04/04/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC Analyzed By: BC/AH

ETHYL TOTAL BENZENE **TOLUENE** BENZENE **XYLENES** LAB NO. (mg/Kg) (mg/Kg) SAMPLE ID (mg/Kg) (mg/Kg)

	· · · · · · · · · · · · · · · · · ·	(***3***3)	((***3***3)	(**************************************
ANALYSIS DA	ATE	04/05/01	04/05/01	04/05/01	04/05/01
H5767-1	WALL COMPOSITE	<0.005	<0.005	<0.005	<0.015
H5767-2	BOTTOM	<0.005	<0.005	<0.005	<0.015
Quality Contro	o)l	0.111	0.104	0.105	0.312
True Value Q		0.100	0.100	0.100	0.300
% Recovery		111	104	105	104
Relative Perce	ent Difference	3.1	6.3	0.9	1.2

METHOD: EPA SW-846 8260

usoff Cooke

t/6/01

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES, INC.

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

(915) 673-7001 Fax (915) 673-7020 (505) 393-7256 Fax (505) 393-7476

	310) 6/3-/	0 (505) 393-2326 Fax	x (505) 393-2476				Page of	
Company Name:	Rice openation	Co.	BILL TO			ANALYSIS REQUEST	UEST	
Project Manager:	, 0		P.O. #:					
Address: Saa	2 W. Taylor		Company: RiCC					
CITY: Habbe	,	State: 11, 11, 21p: 89246	Attn:					
Phone # 393-9174	}		Address: 322 W. Toples	Non				
Project * Box 1/24 2 Adio	Weat Arie Project Owner:		City: Hobbs					
Project Name:	site walls &	Esthon of Ict F-21	State: 11, 11, Zip: 88240					
Project Location: $\mathcal{J}_{\mathcal{C}} \neq$	1=-21 B-D		Phone #: 393-9174					
Sampler Name:			Fax #:					
FOR LAB USE ONLY		MATRIX	PRESERV SAMPLING					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL CRUDE OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	BTEK, 80				
H57674	twill composite	× ×		Х				
,2	bottom	X	W	X				
NEASE NOTE: Use and Day	Democracy Cardinary habity and charty control to control to control to the contro							
relyses. All claims including service. To no event shall Cas rillates or successors white	project. At this including these for registers and any other case whatevers shall be decend when a distributed and received with 30 days after completed of the special shall be fined for the second and Cardial be finish for including or consequents desirable, before the finishing, before the first finishing without including, before the first finishing of the special shall be finished for the special shall be finished to the special shall be finished for the special shall be finished for the special shall be finished to the special shall be shall be special shall be shal	med waked uriess made it writing and no hold finishina, business interruptions, less o druit, regardless of whether such dains is b	wheel by Cardinal within 30 days after complete of the cardinal within 30 days after complete of the cardinal incurred by Catest, in the cardinal cardinal resource.	photos of the applicable.		or the part does to rate of 24% per arrans bone and all code of collections, britality attempts been		products of Institute
Sampler Relinqu	1	Received By:		Phone Result: Fax Result:	Yes CNo	Add'l Phone #: Add'l Fax #:		
(Mrus	Rodraphy			İ				
Relinquished By:	1884 O	Received By: (Lab Staff)	. 3					
		Bush ask	STATION SAID					

CHECKED BY: (Initials)

Delivered By: (Circle One) Sampler - UP3 - Bus - Other:

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

		Services, * Eunice, NM 882 5) 394-2511	£ 73 mg.	38766
LEASE OPERATOR/SHI	PPER/COMPANY:	Rico		
LEASE NAME: Jc/	F-21-	Sec. 2/	-T215. R.	37-E
TRANSPORTER COMPA	INY: Birth	forks	TIME:	AM/PM
DATE: 3-19-01	VEHICLE NO.:	2	DRIVER NO.:	
CHARGE TO: Ri	e e			
	TYPE OF	F MATERIAL	•	
[] Production Water [] Tank Bottoms [] Other Material:	[] Drilling Flui [] Contaminate [] BS&W Cont	ed soil	[] Completion Flui	ids
Description: Oi N Oi	<u>- F</u>			
	n.			
VOLUME OF MATERIAL	[] BBLS.	: AY	IRD /2:	
AS A CONDITION TO SUNDA JOB TICKET, OPERATOR/SHIP HEREWITH IS MATERIAL EXE AMENDED FROM TIME TO TI AND REGULATIONS RELATED PRODUCED WATERS, AND OT PRODUCTION OF CRUDE OIL ALSO AS A CONDITION TO THIS JOB TICKET, TRANSPOR' OPERATOR/SHIPPER TO TRAN FACILITY FOR DISPOSAL	PER REPRESENTS AND VEMPT FROM THE RESOURME, 40 U.S.C. § 6901, et so thereto, by virtue of the waste associate or natural gas or grundance services, in the represents and wisporter is now delivered.	WARRANTS THAT RCE, CONSERVATION, THE NM HEAS OF THE EXEMPTION WITH THE EXPREDITE OF THE EXP	THE WASTE MATERIAL SON AND RECOVERY ACTUAL LITH AND SAF. CODE § 36 ON AFFORDED DRILLING LORATION, DEVELOPME ERGY. THE WASTE MATERIALS SONLY THE MATERIAL DIPORTER TO SUNDANCE SONLY THE	SHIPPED F OF 1976, AS 61.001, et seq., 5 FLUIDS; NT OR HIPPED WITH ELIVERED BY SERVICES, INC.'S
THIS WILL CERTIFY that Statement at the above desc will certify that no addition without incident. DRIVER: (SIGNATURE)	ribed location, and tha	it it was tendered	d by the above describe	d shipper. This
FACILITY REPRESENTATIVE:	(SIGNATURE)	7.4		
White-Sundance Canary-Sundance Acc Revised 12/27/95	t#1 Pink-Sundance Acct#2 Go	old-Transporter		

•	Sundance Services, P.O. Box 1737 * Eunice, NM 8 (505) 394-2511		8770
LEASE OPERATOR/SHIPP	ER/COMPANY: /4/PE	•	
LEASE NAME: JCT	F11-5		1.54
TRANSPORTER COMPANY	1. D. Floor	TIME:	AM/PM
DATE: 3-19-0/	VEHICLE NO.: 2	DRIVER NO.:	-
CHARGE TO:	C. OPer		
[] Production Water [] Tank Bottoms [] Other Material:	TYPE OF MATERIA [] Drilling Fluids [] Contaminated soil [] BS&W Content:	[JCompletion Fluids	37 E
Description:			
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMP AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TO PRODUCED WATERS, AND OTHE	J BBLS [] \ \ CE SERVICES, INC.'S ACCEPTANCE OF REPRESENTS AND WARRANTS THAT IT FROM THE RESOURCE, CONSERVATION OF THE NAME OF THE EXEMPER WASTE ASSOCIATED WITH THE EXTRACTION OF THE EXEMPTER WASTE ASSOCIATED WITH THE WASTE ASSOCIATED WITH THE WASTE ASSOCIATED WITH THE WASTE ASSOCIATED WASTE ASSOCIATED WITH THE WASTE ASSOCIATED WAST	F THE MATERIALS SHIPPED WITH T THE WASTE MATERIAL SHIPPEI LITION AND RECOVERY ACT OF 19 EALTH AND SAF. CODE § 361.001, TION AFFORDED DRILLING FLUID RPLORATION, DEVELOPMENT OR	D 76, AS et seq.,
THIS JOB TICKET, TRANSPORTER OPERATOR/SHIPPER TO TRANSPORTER FACILITY FOR DISPOSAL.	DANCE SERVICES, INC.'S ACCEPTAL REPRESENTS AND WARRANTS THA ORTER IS NOW DELIVERED BY TRAN	T ONLY THE MATERIAL DELIVER ISPORTER TO SUNDANCE SERVICE	ED BY ES, INC.'S
	e above Transporter loaded the me ed location, and that it was tender		
	naterials were added to this load,		
(SIGNATURE) FACILITY REPRESENTATIVE:	(SIGNATURE)		
White-Sundance Canary-Sundance Acct#1 Revised 12/27/95	Pink-Sundance Acct#2 Gold-Transporter		

Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 LEASE OPERATOR/SHIPPER/COMPANY: / **VEHICLE NO.:** DRIVER NO.: **CHARGE TO:** [] Production Water [] Drilling Fluids [] Tank Bottoms [] Contaminated soil [] Other Material: [] BS&W Content: Description: **VOLUME OF MATERIAL [] BBLS.** AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001, et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER: (SIGNATURE) **FACILITY REPRESENTATIVE:** White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporte

Revised 12/27/95

and the second s	Sundance Services P.O. Box 1737 ★ Eunice, NM (505) 394-2511	
LEASE OPERATOR/SHIP	PER/COMPANY: RI	
LEASE NAME: 2 2	F-21 = RC	1 SWA CHARLES
TRANSPORTER COMPAN	IY: CER DITTO	TIME: AM/P
DATE: 3 //- J/	VEHICLE NO.:	DRIVER NO.:
CHARGE TO:	e Rice	
	TYPE OF MATERI	al sec 21 Tab
[] Production Water [] Tank Bottoms [] Other Material:	[] Drilling Fluids [] Contaminated soil [] BS&W Content:	[] Completion Fluids [] C-117 No.:
Description:)	RITEBO
· · · · · · · · · · · · · · · · · · ·	programme and a supplementation of the companion of the c	
] BBLS.	
AS A CONDITION TO SUNDAN JOB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIME AND REGULATIONS RELATED TO PRODUCED WATERS, AND OTH PRODUCTION OF CRUDE OIL OF ALSO AS A CONDITION TO SU THIS JOB TICKET, TRANSPORTE	I BBLS. ICE SERVICES, INC.'S ACCEPTANCE OF REPRESENTS AND WARRANTS THE PT FROM THE RESOURCE, CONSERVE, 40 U.S.C. § 6901, et seq., THE NM HELLER OF THE EXEMPLE OF THE EXEM	OF THE MATERIALS SHIPPED WITH THIS AT THE WASTE MATERIAL SHIPPED AT AT OF 1976, AS AT ON AND RECOVERY ACT OF 1976, AS EALTH AND SAF. CODE § 361,001; et seq., PTION AFFORDED DRILLING FLUIDS.
AS A CONDITION TO SUNDAN JOB TICKET, OPERATOR/SHIPPE HEREWITH IS MATERIAL EXEM AMENDED FROM TIME TO TIME AND REGULATIONS RELATED TO PRODUCED WATERS, AND OTH PRODUCTION OF CRUDE OIL OI ALSO AS A CONDITION TO SU THIS JOB TICKET, TRANSPORTE OPERATOR/SHIPPER TO TRANSI FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the Statement at the above describe	IS BBLS. ICE SERVICES, INC.'S ACCEPTANCE OF REPRESENTS AND WARRANTS THE PT FROM THE RESOURCE, CONSERVE, 40 U.S.C. § 6901, et seq., THE NM HET HERETO, BY VIRTUE OF THE EXEMPLE WASTE ASSOCIATED WITH THE FREE NATURAL GAS OR GEOTHERMAL FREE REPRESENTS AND WARRANTS THE PORTER IS NOW DELIVERED BY TRACKED BY TRAC	OF THE MATERIALS SHIPPED WITH THIS AT THE WASTE MATERIAL SHIPPED ATION AND RECOVERY ACT OF 1976, AS LEALTH AND SAF. CODE § 361 001; et seq., PTION AFFORDED DRILLING FLUIDS, EXPLORATION, DEVELOPMENT OR ENERGY. ANCE OF THE MATERIALS SHIPPED WITH AT ONLY THE MATERIAL DELIVERED BY