1R - 426-69

REPORTS

DATE:

12/09/2001

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION

Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample	SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX D	IMENSIONS -	FEET
Depth to Groundwater >100' feet NMOCD SITE ASSESSMENT RANKING SCORE: 0 Date Started 02/09/2001 Date Completed 22/09/2001 OCD Witness NO Soil Excavated 60 cubic yards Excavation Length 14 Width 14 Depth 8 feet Soil Disposed 60 cubic yards Offsite Facility SUNDANCE Location EUNICE, NM INAL ANALYTICAL RESULTS: Sample Date 22/09/2001 Sample Depth 8' Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Benzene Toluene Ethyl Benzene Total Xylenes mg/kg mg/k	BD	I-1-A&I-1-B	ı	1	22\$	36E	LEA	_		
Date Started 02/09/2001 Date Completed 02/09/2001 OCD Witness NO Soil Excavated 60 cubic yards Excavation Length 14 Width 14 Depth 8 feet Soil Disposed 60 cubic yards Offsite Facility SUNDANCE Location EUNICE, NM INAL ANALYTICAL RESULTS: Sample Date 22/09/2001 Sample Depth 8 Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Beazane Toluene Ethyl Benzene Total Xylenes mg/lag mg	LAND TYPE:	BLM X	STATE	FEE LA	NDOWNER			OTHER		
Soil Expavated 60 cubic yards Excavation Length 14 Width 14 Depth 8 feet Soil Disposed 60 cubic yards Offsite Facility SUNDANCE Location EUNICE, NM INAL ANALYTICAL RESULTS: Sample Date 02/09/2001 Sample Depth 8' Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMCCD guidelines. Sample Benzene Tolusene Ethyl Benzene Total Xylenes Mg/kg mg/k										
Soil Disposed 60 cubic yards Offsite Facility SUNDANCE Location EUNICE, NM INAL ANALYTICAL RESULTS: Sample Date 02/09/2001 Sample Depth 8' Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample Benzene Tolusee Ethyl Benzene Total Xylenes mg/kg	Date Started	02/09	/2001	Date Co	mpleted	02/09/2001	OCD \	Witness	N	0
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample	Soil Excavated	60	cubic ya	rds Ex	cavation Le	ngth 14	Width	14	Depth	8 feet
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH, BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample	Soil Disposed 60 cubic yards Offsite Facility SUNDANCE Location EUNICE, NM									
BTEX and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines. Sample	FINAL ANALYTICAL RESULTS: Sample Date02/09/2001Sample Depth8'									
Location mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg sidewalts of the second	F			oratory test	results com	pleted by us	ing an appro			
SIDEWALLS	•									
aneral Description of Remedial Action: Delineated vertical and lateral extent to below MOCD guidelines. Installed compacted clay liner and water tight junction box and backfilled. Sh impact soil was hauled to permitted disposal facility. Natural attenuation will remediate the maining hydrocarbon. I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 9, 2001 PRINTED NAME D. E. Anderson										
Anneral Description of Remedial Action: Delineated vertical and lateral extent to below MOCD guidelines. Installed compacted day liner and water tight junction box and backfilled. In impact soil was hauled to permitted disposal facility. Natural attenuation will remediate the maining hydrocarbon. I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. INTE December 9, 2001 PRINTED NAME CHLORIDE FIELD TESTS ACTION DEPTH mg/kg SIDEWALLS 6' 2000 BOTTOM 8' 3700 BOTTOM 8' 3700 DELIES TO THE BEST OF MY KNOWLEDGE AND BELIEF. The December 9, 2001 PRINTED NAME D. E. Anderson								<u> </u>		
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. December 9, 2001 PRINTED NAME D. E. Anderson	*********			-				OCATION	DEPTH	ma/ka
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. TE December 9, 2001 PRINTED NAME D. E. Anderson			ico disposai it	conty. Natural	atterioation wi	TOTACHER UTC				
KNOWLEDGE AND BELIEF. ATE	The state of the s									
KNOWLEDGE AND BELIEF. ATE			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			·				
KNOWLEDGE AND BELIEF. ATE										
KNOWLEDGE AND BELIEF. ATE										
KNOWLEDGE AND BELIEF. ATE										
KNOWLEDGE AND BELIEF. ATE										
VIII male and	I HEREE	BY CERTIFY	THAT THE					LETE TO T	HE BEST O	F MY
VIII male and	ATE	_ Decem	t y er 9, 2001		PR	INTED NAME		D. E.	Anderson	
	GNATURE	Ma	ullus	102						nental



PHONE (915) 673-7001 · 2111 BEECHWOOD · ABILENE, TX 79603

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: 02/09/01 Reporting Date: 02/13/01

Project Number: JCT I-1A 1-1-A Project Name: JCT IA-B SIDES AND BOTTOM

Project Location: JCT 1A-B 1-22-38

Sampling Date: 02/09/01

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)	<u> </u>
LAB NUMBER SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)

ANALYSIS	DATE	02/09/01	02/09/01	02/13/01
H5599-1	SIDES JCT I-1AM	<50	139	2090
H5599-2	BOTTOM JCT 1-1AM	<50	2480	4200
Quelity Con	trol	728	778	1051
Quality Con		800	800	980
% Recovery		91.0	97.3	98.0
	rcent Difference	2.3	2.5	6.8

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



PHONE (915) 873-7001 · 2111 BEECHWOOD · ABILENE, TX 79803

PHONE (505) 383-2326 - 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: 02/09/01

Reporting Date: 02/13/01

Project Number: JCT I-1A 1-1-A

Project Name: JCT IA-B SIDES AND BOTTOM

Project Location: JCT 1A-B 1-22-36

Sampling Date: 02/09/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS D	ATE	02/09/01	02/09/01	02/09/01	02/09/01
H5599-1	SIDES JCT I-1AM	<0.005	0.006	0.005	<0.015
H5599-2	BOTTOM JCT I-1AM	<0.005	<0.005	0,006	<0.015
Quality Contr	ol	0.100	0.099	0:101	0.293
True Value Q		0.100	0.100	0.100	0.300
% Recovery		100	99.4	101	97.7
	ent Difference	6,0	3.3	3.0	6.8

METHOD: EPA SW-846 8260

Date

PLEASENCE Reality and barriages. 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 welved 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 reliated to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

þ

Page

(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Company Mano.			1000) 200-E-10		
Company none	Rich Durk	uting r	BILL TO		ANALYSIS REQUEST
Project Manager:	James SI	12.671	P.O. a.		
Addrass:	121 W TAY	104	Company:		
Clty:	Holdb State: A	NM ZIP: 88240	Attn:		
Phorre #: (_)	SEST 390 9124Fax#		Address:		
Project #. I	at 1-14 1-1-4 Project Owner.	Owner:	Cffy:	}	
Project Name:	Jet 24-8	1-22-36	State: Zip:	75	
Project Location:	Ict IR-B LS	des and Bottoma.	₽hone #:	276	
Sampler Name:	JAMES SFUR	9:11	Fax#:	28	
FOR LAB LISE ONLY		MATRIX	PRESERV. SAMPLING		
		88 ЯЗТ.		®'.	
Lab I.D.	Sample I.D.	AND OR (NATAINE TEWAT TEWAT TO BO TO B	BASE:	, 1, E.X.	
,		801 WAST 1028	HTO QIDA	TIME	
H\$5\$44	Siles Jetz	X XX	2461	4 iso X	
2-,	Bottom ICAI	-1 AM	14/00		
PLEASE NOTE: LEARY and	PLEASE NOTE: Likely and Demagne. Cardwel's leafly and dears, end save remedy for any class arising whether bease		In Compact of Section 1 to 1		Terra and Confident Manual of the descriptions from
analyses. All claims including service, in no event stall Carr	analyses. At claims including those for negligance and my other came whencome shall be decembed whited mises much in service. In no event stad Cardinal be labble for includated or consequential classesses, including landshase beamans has	shall be deemed waked prices made in writing and rec- tributes without helicities beatsons bloomedies has a	writing and received by Cardinal within 30 days after completion of the ar- medical line of the or free of conflet inversed to clinical its actual days.	alon of the applicable	20 days peet due at the rate of 24% per arran from the original date of breaton,
Campion Dollar	fillates or excessors arising od of or related to the postermance of services inventor by Certical regardless of wholese Sammlor Delivers letters.	nder by Cerdinal, regardless of whether such claim is b	each defin is besed upon any of the above stated resears or otherwise.		
חשוושטו שפווושס	7-0-	$\mathcal{L}_{-\rho}$ (received by:		Fax Result: Tes No	Add Fax #:
James	/ Janet/				
Rekinquished By:	Dat	Received By: (Lab Staff)	ff)		
<i>\</i>	Time:	July July	20ch		
Delivered By: (Circle One)	(Circle One)	Sample Condition Cool Intact	ion CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	Bus - Other:	N K		•,	,

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

Sundance Services, Inc. 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 .: DATE: CHARGE TO: TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Completion Fluids [,] Contaminated soil [] Tank Bottoms [] C-117 No.: ____ 1 1 Other Material: [] BS&W Content: ___ Description: VOLUME OF MATERIAL [] BBLS. _____: [] YARD _ 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. FACILITY REPRESENTATIVE: __ White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

Sundance Services, Inc. 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 [] Drilling Fluids [] Production Water [] Completion Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.: ____ [] BS&W Content: ___ [] Other Material: Description: VOLUME OF MATERIAL [] BBLS. _____ : [] YARD ____ : 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: _ FACILITY REPRESENTATIVE: _ White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

Sundance Services, In P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511	c.	禁 字桥 京 覧 山	36811				
LEASE OPERATOR/SHIPPER/COMPANY:							
LEASE NAME:							
TRANSPORTER COMPANY:	TIME	:	AM/PN				
DATE: / VEHICLE NO.: //	RIVER NO).:					
CHARGE TO: / CAS CAS CENTER							
TYPE OF MATERIAL							
[] Tank Bottoms [] Contaminated soil [] Other Material: [] BS&W Content:	[] Comple [] C-117 N						
Description:							
VOLUME OF MATERIAL [] BBLS : [] YARD	1.4	: []				
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: // 2/2/2/7 / 2/3/3/2/7 / (SIGNATURE)							
FACILITY REPRESENTATIVE: (SIGNATURE)							
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 LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: TIME: TRANSPORTER COMPANY: AM/PM DATE: / - / ... / VEHICLE NO.: * / DRIVER NO .: and the said CHARGE TO: / - - -TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Completion Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.: ____ [] Other Material: [] BS&W Content: ___ Description: VOLUME OF MATERIAL [] BBLS. _____ : [] YARD ____ 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. FACILITY REPRESENTATIVE: _ White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: TRANSPORTER COMPANY: / TIME: AM/PM DATE: / / VEHICLE NO.: DRIVER NO .: CHARGE TO: TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Completion Fluids [] Tank Bottoms ~[-] Contaminated soil [] C-117 No.: ____ [] Other Material: [] BS&W Content: ____ VOLUME OF MATERIAL [] BBLS. _____ : [] YARD _ 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. FACILITY REPRESENTATIVE: ___ White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION

				BOX FOO		- 55/W-57				 1
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	Length	IMENSIONS Width	- PEEI Depth	-
BD	1-1-A&I-1-B	1	1	228	36E	LEA	12'	6'	5'	
LAND TYPE:	BLM X	STATE	FEE L	ANDOWNER	₹		OTHER			
Depth to Grou	ındwater	>100' 1	feet	NMOC	D SITE ASSI	ESSMENT	RANKING S	CORE:	0	
Date Started	02/09	9/2001	Date Co	ompleted	02/09/2001	OCD	Witness		10	
Soil Excavated	60_	cubic yard	ts Ex	cavation L	ength 14	Width	14	Depth	8	fee
Soil Disposed	60	cubic yard	ts C	Offsite Facility	y SUND	ANCE	Location	EUN	IICE, NM	
NAL ANAL	YTICAL F	RESULTS	: Samp	ele Date	02/09/2	001	Sample De	pth	8'	
1					d 4-point com					
	BTEX and				npleted by us o NMOCD gu		oved lab and	testing		
Sample	Benzene	Tolu	ene I E	thyl Benzene	Total Xylen	es G	RO I	DRO	Chlorid	es
Location	mg/kg	mg/		mg/kg	mg/kg	•	g/kg	mg/kg	mg/kg	
SIDEWALLS	< 0.005	0.0	06	0.005	< 0.015		50	139	2090)
BOTTOM	< 0.005		<u> </u>	0.006	< 0.015	<	50	2480	4200)
OCD guidelines. h impact soil was l				ght junction bo	x and backfilled		OCATION	DEPTH	4 ma	/kg
i impact son was i	idulou to point	tica disposar ia					DEWALLS	DEI II	. mg	<i>y</i> (9
							воттом			
	 	· · · · · · · · · · · · · · · · · · ·								··

*****			····							
				······································				ļ	<u> </u>	
IHERE	BY CERTIFY	THAT THE			VE IS TRUE		PLETE TO T	HE BEST (OF MY	
TE /	02/	/09/2001⁄ /	1		RINTED NAME		Jam	es Struaill		
NATURE	amed)	Ali	agi	>				ental Techni	cian	
7		ν,	1							



PHONE (915) 673-7001 · 2111 BEECHWOOD · ABILENE, TX 79603

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: 02/09/01 Reporting Date: 02/13/01

Project Number: JCT I-1A 1-1-A

Project Name: JCT IA-B SIDES AND BOTTOM

Project Location: JCT 1A-B 1-22-36

Sampling Date: 02/09/01

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	02/09/01	02/09/01	02/13/01
H5599-1	SIDES JCT I-1AM	<50	139	2090
H5599-2	BOTTOM JCT I-1AM	<50	2480	4200
Quality Con	tml	728	778	1051
True Value		800	800	980
% Recovery		91.0	97.3	98.0
	rcent Difference	2.3	2.5	6.8

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

Date

PLEASENOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any cleim arising, whether based in contract or tors, shall be limited to the amount paid by client for enalyses. 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 research or otherwise.



PHONE (915) 673-7001 - 2111 BEECHWOOD - ABILENE, TX 79803

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: 02/09/01 Reporting Date: 02/13/01

Project Number: JCT I-1A 1-1-A

Project Name: JCT IA-B SIDES AND BOTTOM

Project Location: JCT 1A-B 1-22-36

Sampling Date: 02/09/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS E	DATE	02/09/01	02/09/01	02/09/01	100/00/04
H5599-1	SIDES JCT I-1AM	<0.005	0.006		02/09/01
H5599-2	BOTTOM JCT I-1AM	<0.005	<0.005	0.005	< 0.015
					<0.015
Quality Contr		0.100	0.099	0,101	0.293
True Value Q	C	0.100	0.100	0.100	0.300
% Recovery		100	99.4	101	97.7
Relative Perc	ent Difference	6,0	3.3	3.0	6.8

METHOD: EPA SW-846 8260

Date

FLEASTONE and Damages. Cardinat'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 whatapever shall be deamed welved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable affiliates or successors arising out of or related to the performance of sarvices hereundar by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ซ

* ARDINAL LABORATORIES, INC.

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

Terms and Conditions; interest will be charged on all accurate mass fam: 30 days part sho at the rate of 24% per amount from the original date of Invites, and all costs of collections, brokeling attenties here. REQUEST Page ANALYSIS ☐ Yes ☐ No Add1 Phone #: ☐ Yes ☐ No Add1 Fax #: Phone Result: Fax Result: REMARKS: XZIW X. TIME cat post by the chart for the 438 438 SAMPLING 81LL 70 DATE Zip: PRESERV. : яэнто Company: Address: ICE / COOF Phone #: P.O. # State: Fax#: Attn: YCID/BYZE ä And Bottowal SEUDGE MATRIX CENDE OIL ZIp: 88240 SOIL *RANSTEW* 1-22-3 # CONTAINERS BORKATIE (G) RAB OR (C)OMP. Storai S.des 1 /4 1-1-# Project Owner: -1 AP TAYlod Date: 2 - 09-2 | Time: 45 | Date: State: N/M Stura (505) 397 9124Fax# Let. Sample I.D. N 8-0 2A-B É J KMES 5 JAMES 6.66 Bottom 200 42 SASE NOTE: Liability and Domagos. Card-frons. All claims including those for majfiger sides. In no event abal Cardinal be liable for ampler Relinquished: Project Location: 7 Iet Company Name: Project Manager: Sampler Name: γ Project Name: H85594 FOR LAB LISE CHLY Lab I.D. Project #: Address: Phone #: <u>C</u>

ECKED BY:

Received By: (Lab Staff)

Time:

Relinquished By

tool intact
NATes KAYes
☐ No ☐ No

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

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

Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: TRANSPORTER COMPANY: TIME: AM/PM DATE: **VEHICLE NO.: DRIVER NO.: CHARGE TO:** TYPE OF MATERIAL [] Production Water [] Drilling Fluids [] Completion Fluids [] Contaminated soil [] Tank Bottoms [] C-117 No.: ___ [] Other Material: [] BS&W Content: ___ Description: VOLUME OF MATERIAL [] BBLS. _____ : [] YARD _ 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. FACILITY REPRESENTATIVE: _ (SIGNATURE) White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

Sundance Services, Inc. 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 [] Drilling Fluids [] Production Water [] Completion Fluids [] Tank Bottoms [] Contaminated soil [] C-117 No.: ___ [] Other Material: [] BS&W Content: __ Description: [] YARD 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: _ FACILITY REPRESENTATIVE: _ (SIGNATURE) White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

Sundance

undance Services, In P.O. Box 1737 ★ Eunice, NM 88231 (505) 394-2511		10 th 10 th 10 th
COMPANY:		
and the state of t	,	
And Commence	TIME:	AM/PM
ICLE NO.:	DRIVER NO.:	
The state of the s	<u> </u>	
[] Drilling Fluids [] Contaminated soil [] BS&W Content:	[] Completion F [] C-117 No.:	
LS: [] YAR	D/ <u>^</u>	[]
RVICES, INC.'S ACCEPTANCE OF TH RESENTS AND WARRANTS THAT TH DM THE RESOURCE, CONSERVATION S.C. § 6901, et seq., THE NM HEALT TO, BY VIRTUE OF THE EXEMPTION STE ASSOCIATED WITH THE EXPLO JRAL GAS OR GEOTHERMAL ENERG	IE WASTE MATERIA N AND RECOVERY A H AND SAF. CODE § AFFORDED DRILLII RATION, DEVELOPN	L SHIPPED CT OF 1976, AS 361.001, et seq., NG FLUIDS,

AS A CONDITION TO SUNDANCE SERVICES, INC.'S A JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND W HEREWITH IS MATERIAL EXEMPT FROM THE RESOUR AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et se AND REGULATIONS RELATED THERETO, BY VIRTUE O PRODUCED WATERS, AND OTHER WASTE ASSOCIATEI PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GE

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)	energy granter seem	mark di	<u> </u>	
FACILITY REPRESENTATIVE:	(SIGNATURE)		·	

White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter Revised 12/27/95

LEASE OPERATOR/SHIPPER/COMPANY:

CHARGE TO: A COMMON COMPON COM

VEHICLE NO.:

TRANSPORTER COMPANY: 1/2 4/3

VOLUME OF MATERIAL [] BBLS. __

LEASE NAME:

[] Production Water

[] Tank Bottoms

[] Other Material:

Description: _

DATE:

Sundance Services, Inc. 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 [] Drilling Fluids [] Completion Fluids [] Contaminated soil [] Tank Bottoms [] C-117 No.: ___ [] Other Material: [] BS&W Content: __ Description: VOLUME OF MATERIAL [] BBLS. __ []YARD 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. FACILITY REPRESENTATIVE:

White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

Sundance Services, Inc. P.O. Box 1737 * Eunice, NM 88231 (505) 394-2511 LEASE OPERATOR/SHIPPER/COMPANY: LEASE NAME: I-1-1 A&B TRANSPORTER COMPANY: TIME: AM/PM **VEHICLE NO.:** DRIVER NO .: CHARGE TO: TYPE OF MATERIAL [] Drilling Fluids [] Production Water [] Completion Fluids [] Contaminated soil [] Tank Bottoms [] C-117 No.: __ [] BS&W Content: ___ [] Other Material: [] YARD _____ VOLUME OF MATERIAL [] BBLS. _____: [1-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.

FACILITY REPRESENTATIVE: _

Revised 12/27/95

White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter