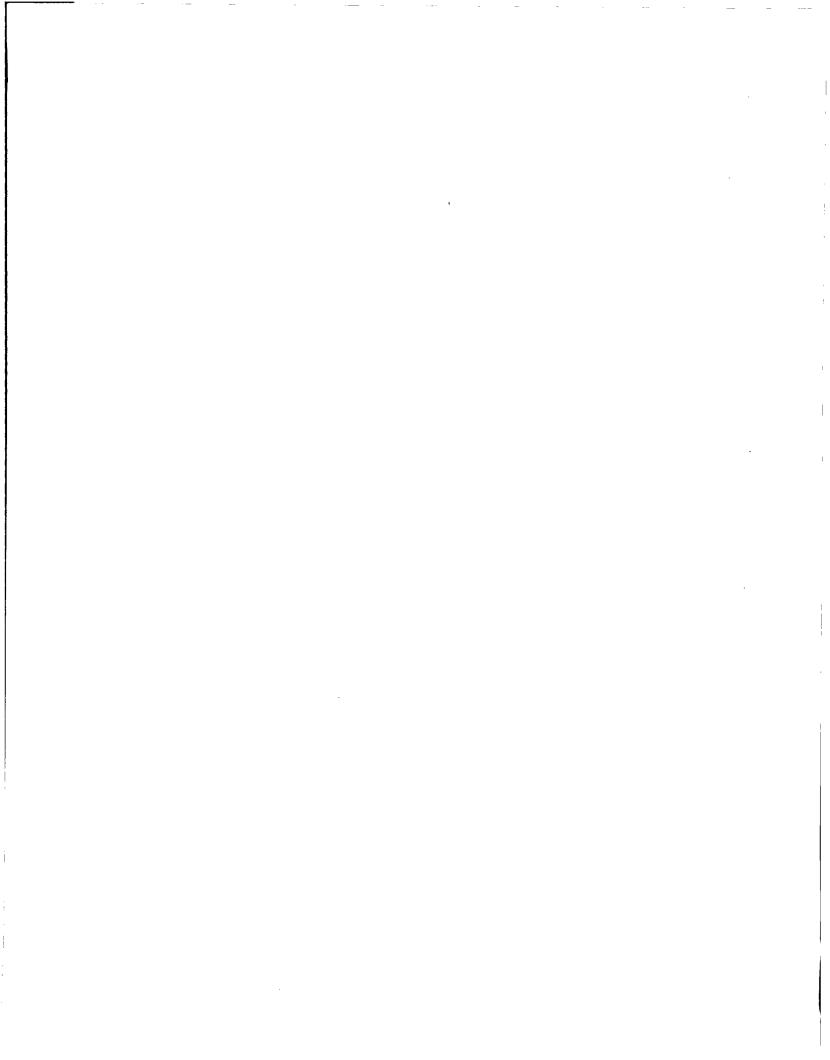
1R - 427 - /08

REPORTS

DATE:

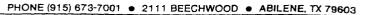
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RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

427-108

			JUNC	TION BOX F	INAL REPO	RT				
				BOX LOCA	ATION					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP		COUNTY		IMENSIONS]
EME	J-9	J	9	208	37E	LEA	Length 8'	Width 7'	Depth 5'	
LAND TYPE: E	BLMS	TATE	FEE L	ANDOWNER	SW C	ATTLE CO	OTHER			V-1 ⁻ a-à-miljand
Depth to Grour	ndwater	25	feet	NMOCE	SITE ASS	ESSMENT	RANKING S	SCORE:	20	
Date Started	02/15/2	001	_ Date Co	ompleted	02/15/2001	OCD	Witness	N	10	
Soil Excavated	12	cubic ya	rds Ex	cavation Le	ngth <u>10</u>	Width	11	Depth	5	feet
Soil Disposed	12	cubic ya	irds C	offsite Facility	Suno	lance	Location	Eur	nice, NM	
FINAL ANALY	TICAL RE	SULT	S: S amp	le Date	02/15/2	2001	_Sample D	epth	5'	
P	recure 5-point BTEX and C		boratory tes	of bottom and the results comp s pursuant to	pleted by us	ing an appr				
Sample	Benzene	То	luene E	thyl Benzene	Total Xyler	nes G	RO I	DRO	Chloride	s
Location	mg/kg	m	g/kg	mg/kg	mg/kg	m	g/kg	mg/kg	mg/kg	
SIDEWALLS BOTTOM	< 0.005 < 0.005		0.005	<0.005 < 0.005	<0.015 <0.015		:50	<50 124	120 299	
General Description Installed compacted classifications				vertical and later gh impacted soi			CHLO	RIDE FIELD	TESTS	
permitted disposal faci	lity. Backfilled w	ith fresh so	il. Natural atte	enuation will rem	nediate the		OCATION	DEPTH	l mg/	kg
remaining hydrocarbor	1.					S	IDEWALLS	2'	17	0
	<u>.</u>		· · · · · · · · · · · · · · · · · · ·	·			BOTTOM	5'	24	0
IHEREE	BY CERTIFY	THAT TH		ATION ABOV			PLETE TO	THE BEST (OF MY	
DATE	Februar	/ 15, 200	1	PR	INTED NAME		Chris	Rodriguez		
SIGNATURE CA	is La	In	Ull		TITLE	:	Environm	ental Techni	cian	





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

FAX TO:

Receiving Date: 02/15/01

Reporting Date: 02/19/01

Project Number: J-9 BOTTOM & SIDES

Project Location: UJ-SEC9-T20-R37

Project Name: J-9 BOX-SIDES AND BOTTOM

Sampling Date: 02/15/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

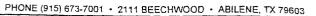
Sample Received By: GP Analyzed By: BC/AH

GRO DRO (C_6-C_{10}) (>C₁₀-C₂₈) CI* LAB NUMBER SAMPLE ID (mg/Kg) (mg/Kg) (mg/Kg)

ANALYSIS DAT	E	02/15/01	02/15/01	02/16/01
H5620-1 J	I-9 SIDES	<50	<50	120
H5620-2 J	-9 BOTTOM	<50	124	299
				-
Quality Control		728	778	1051
True Value QC		800	800	1000
% Recovery		91.0	97.3	105
Relative Percent	Difference	2.3	2.5	6.8

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

> RICE OPERATING HOBBS, NM





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

Receiving Date: 02/15/01

Reporting Date: 02/19/01

Project Number: J-9 BOTTOM & SIDES

Project Name: J-9 BOX-SIDES AND BOTTOM

Project Location: UJ-SEC9-T20-R37

Sampling Date: 02/15/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: GP

Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE ⁻ (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS	DATE	02/15/01	02/15/01	02/15/01	02/15/01
H5620-1	J-9 SIDES	<0.005	<0.005	<0.005	<0.015
H5620-2	J-9 BOTTOM	<0.005	<0.005	<0.005	<0.015
Quality Con	trol	0.111	0.102	0.107	0.317
True Value	QC	0.100	0.100	0.100	0.300
% Recovery	<u> </u>	111	102	107	106
Relative Per	rcent Difference	1.6	8.8	7.3	7.1

METHOD: EPA SW-846 8260

Chemist / Cophe

FEB 2 1 2001

RICE OPERATING
HOBBS, NM

Date

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES, INC. 2111 Beechwood. Abilene. TX 79603 101 E.

(915) 673-7001 Fax (915) 673-7020) 673-7020 (505) 393-2326 Fax (505) 393-2476	(505) 393-2476		Dana
	01	91110		ANALYSIS REQUEST
70-5 ST	URQ: N	P.O. #:	550000	
885: 122 W 749 K	e '	Company: RICE		
Nabbs	State: N M ZIp: 88240	Attn:		
Phone # (505) 393 9174 Fax #		Address:		
Project #: J-9 SettaM & SideBro	Sid Applect Owner:	City:		
Project Name: J-9 Box 5: A	C. Sikes And Botton	State: Zip:	N	
Project Location: UJ-Sec 9	-720 - R39	**	5-1	
Sampler Name: 1 Ances 5	";"	Fex #:	20	
FOR LAB USE CHLY	MATRIX	PRESERV SAMPLING	30	
	R		٤	
Lab l.D. Sample l.D.	(G)RAB OR (C)C # CONTAINERS GROUNDWATE WASTEWATER SOIL CRUDE OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	BTE TPH	
1502-1 I-9 Sidas	-	82/15/20 O	777	
- 2-9 Bottom		- -	777	
		-		
LEASE HOTE: Libeliny and bernagen. Cardwal's liability and stock's auctione remoty for any client whenther based in contract or text, what to intend on the sensest peak by the client for the companies of the contract peak by the client for the companies of the companies of the applicable contract with the contract of the applicable contract of	opes. Cardwil's liability and elect is exclusive termedy for any clean artistic wheeler besend in contract or lard to its instance to all the instance to the amount padd by the deat for the for instances and any other cause whethou one shall be deemed wheele scheen mode in white and received by Cardinal within 30 days after completion of the app	rt, what be limbed to the emount paid by the client hand by Cardinal within 30 days effer completion o	For the fire applicable	Terms and Conditions: latered will be charged on all accounts more fran. 30 down best date at the rate of 24% per serven from the original date of tracks.
Baitos or successors arbiting out of or related to the performance of services	ratil distringue, trausing without institution, business trigoruptions, loss of use, or toss of profits incursed by of services historiades by Cardinal, regardless of whether such claim is based upon say of the shove stated re-	i use, or lose of profits incurred by client, lie subsiditation med upon sny of the shows stated reasons or otherwise	darke,	and all costs of collections, including attorney's loss.
Sampler Relinguished: // Date:	アン・ハート Received By:	_	Result: DYes	Ш
bilinquished By: Date: 1 Time:		21	DYes	U No Add'i Fax #:
Delivered By: (Circle One)	Sample Cool II	on CHECKED BY:		
Sampler) - UPS · Bus · Other:	XYes XYes		i.	

† 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 [] 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. DRIVER: (SIGNATURE) **FACILITY REPRESENTATIVE:** (SIGNATURE) White-Sundance Canary-Sundance Acct#1 Pink-Sundance Acct#2 Gold-Transporter

Revised 12/27/95

RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY		DIMENSIONS	
EME	J-9	J	9	208	37E	LEA	Length 8`	Width 7	Depth 7
LAND TYPE:		STATE	FFF I	ANDOWNER	SW Cattle C	ompany	OTHE	2	
Depth to Groun	ndwater	25	_feet	NMOCE	SITE ASSI	ESSMENT	RANKING	SCORE:	
Date Started	02/15	/2001	_ Date Co	ompleted	02/15/2001	OCD \	Witness No	ONE	
Soil Excavated	12	cubic ya	rds Ex	cavation Ler	ngth <u>10</u> °	Width	11`	Depth	<u>4`</u> feet
Soil Disposed	12	cubic ya	rds C	offsite Facility	Sundance	Disposal	Location	n <u>E.M</u>	1.E.
NAL ANALY	TICAL F	RESULT	S: Samp	ole Date	02/15/200	01	Sample E	epth	5`
		hloride lab	oratory test	of bottom and t results comp s pursuant to	oleted by us	ing an appr			
Sample	Benzene			Ethyl Benzene	Total Xylen		₹०	DRO	Chlorides
Location	mg/kg		g/kg	mg/kg	mg/kg		/kg	mg/kg	mg/kg
SIDEWALLS BOTTOM	<0.005 <0.005		.005	<0.005 <0.005	<0.015 <0.015		50	<50 124	120 299
•			No rer	nediation work v	vas required.		CHLC	RIDE FIELD	TESTS
•			No rer	nediation work v	vas required.			T	
•			No rer	nediation work v	vas required.		OCATION	DEPTH	CI
•			No rer	nediation work v	vas required.	SI	OCATION DEWALLS	DEPTH 2' BGS	CI 170
•			No rer	nediation work v	vas required.	SI	OCATION	DEPTH	CI 170
•			No rer	nediation work v	vas required.	SI	OCATION DEWALLS	DEPTH 2' BGS	CI 170
•			No rer	nediation work v	vas required.	SI	OCATION DEWALLS	DEPTH 2' BGS	CI 170
•			No rer	nediation work v	vas required.	SI	OCATION DEWALLS	DEPTH 2' BGS	CI 170
•			No rer	nediation work v	vas required.	SI	OCATION DEWALLS	DEPTH 2' BGS	Cl 170
•			No rer	nediation work v	vas required.	SI	OCATION DEWALLS	DEPTH 2' BGS	Cl 170
eneral Descriptio			No rer	nediation work v	vas required.	SI	OCATION DEWALLS	DEPTH 2' BGS	Cl 170
sults did not exceed	the NMOCD of	guidelines.	: INFORMA	ATION ABOV	E IS TRUE /	AND COMP	DCATION DEWALLS BOTTOM	DEPTH 2' BGS 5' BGS	CI 170 240
sults did not exceed	the NMOCD of	guidelines.	: INFORMA	ATION ABOV	E IS TRUE /	AND COMF	DCATION DEWALLS BOTTOM	DEPTH 2' BGS 5' BGS	CI 170 240
sults did not exceed	the NMOCD of	THAT THE	: INFORMA	ATION ABOV	E IS TRUE AND BELIEF	AND COMF	DCATION DEWALLS BOTTOM PLETE TO	DEPTH 2' BGS 5' BGS	CI 170 240



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

FAX TO:

Receiving Date: 02/15/01

Reporting Date: 02/19/01

Project Number: J-9 BOTTOM & SIDES

Project Name: J-9 BOX-SIDES AND BOTTOM

Project Location: UJ-SEC9-T20-R37

Sampling Date: 02/15/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: GP

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		02/15/01	02/15/01	02/16/01
H5620-1 J-9	SIDES	<50	<50	120
H5620-2 J-9	BOTTOM	<50	124	299
Quality Control		728	778	1051
True Value QC		800	800	1000
% Recovery		91.0	97.3	105
Relative Percent D	Difference	2.3	2.5	6.8

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

AUG 2 2 2001

RICE OPERATING
HOBBS, NM

Date

Chemist

H5620A.XLS



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

Receiving Date: 02/15/01 Reporting Date: 02/19/01

Project Number: J-9 BOTTOM & SIDES

Project Name: J-9 BOX-SIDES AND BOTTOM

Project Location: UJ-SEC9-T20-R37

Sampling Date: 02/15/01

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: GP

Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS	DATE	02/15/01	02/15/01	02/15/01	02/15/01
H5620-1	J-9 SIDES	<0.005	<0.005	<0.005	<0.015
H5620-2	J-9 BOTTOM	<0.005	<0.005	<0.005	<0.015
Quality Con	trol	0.111	0.102	0.107	0.317
True Value		0.100	0.100	0.100	0.300
% Recovery	1	111	102	107	106
Relative Pe	rcent Difference	1.6	8.8	7.3	7.1

METHOD: EPA SW-846 8260

wy of Ag Cooke

RICE OPERATING HOBBS, NM

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 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, the claim is based upon any of the above-stated reasons or otherwise. atfiliates 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 reasons or otherwise.

ARDINAL LABORATORIES, INC.

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

(915) 673-7001 Fax (915) 673-7020 (505) 303-2476

Q.	0 (505) 393-2326 Fax (505) 393-2476	(505) 393-2476			Pageof	
Rice Ope	0	BILL TO			ANALYSIS REQUEST	
anager: JAMES S		P.O. #				
Address: 122 w 129 66		Company: Lice				
City: Nobbs State: NM Zip:	88240	Attn:				
hone # (505) 393 9/74 Fax #		Address:				
roject #: J-9 Settam & SiddRoject Owner:		City:		<u>1</u>		
roject Name: J-9 for Sikes And Botton	Botton	State: Zip:		<u>v</u>		
roject Location: UT - Sec 9 - 720	- R 37	Phone #:		<u>J</u>		
54	":/	Fax #:	,	21		
	MATRIX	PRESERV. SAMPLING		80		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL CRUDE OIL SLUDGE	OTHER: ACID/BASE: ICE/COOL OTHER: DA	BTEX	TPH, CL		
1502 - I-9 Sides	-	- 1		7		1
-2 I-9 Bottom	-	1	2	7		
						+
				-		1.
						-
EASE NOTE: Liability and Damages. Cardnait's liability and cleart's exclusive remady for any claim anking whether based in contract or tort, what be limited to the annual paid by the clear for the system. At claims including those for negligance and any other cause whatboover shall be deemed waived arises made in writing and received by Cardinal within 30 days either completion of the applicable	delin arbito whether based in centract or to mad waived unless made in writing and rocein	ed in contract or tort, shall be limbed to the encust paid by the clear for the In writing and received by Candhai within 30 days either completion of the app	clent for the fon of the applicable		Terms and Conditions: latered will be o'surged on all accounts more han 30 days past doe at he rate of 24% are strum from the original date of the	
into. In the event shall Cardinal be lable for incidental or consequental dearmages, including without limitation, business sharmpdare, loss of use, or loss of profits incurred by client, its subsides. Before or excessions wishing out of or related to the performance/of services hareunder by Cardinal, repardess of whether such claim is based upon any of the above stated reasons or others.	hout fimitation, business interruptions, loss of dired, regardless of whether such claim is ber	use, or lose of profits incurred by client, its sed upon any of the above stated reasons e	subsidiselse, r otherwise,		and all costs of collections, including attorney's less.	
\simeq	Date: Phone Phone Fax Re-		Phone Result:	Yes DNo	Add'l Phone #: Add'l Fax #:	
lemes Turail 10:500	Received By:					
Time: Co. 1 Co. 1	Received by Labrami	131				
Delivered By: (Circle One)	Sample Condition Cool Intact	on CHECKED BY: (Initials)			-	
ampier)- UPS - Bus - Other:	Set In Se				-	

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

Sundance Services, Inc. 38903 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 [] Completion Fluids [] Production Water [] Drilling 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: (SIGNATURE) **FACILITY REPRESENTATIVE:** (SIGNATURE)

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

Revised 12/27/95