

REPORTS

DATE: 1/08/2003

1R-426-48

FINAL

REPORT

JUNCTION BOX FINAL REPORT

				BOX LOC	ATION					
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DI	MENSIONS	- FEET	
			1			1	Length	Width	Depth	7
B-D	N-26	N	26	21S	37E	Lea	6'		3'	
LAND TYPE:	BLM	STATE	FEE LA	NDOWNER	Delr	rose Scott	OTHER_			
Depth to Grou	ndwater	45' - 47'	feet	NMOCD	SITE ASSE	ESSMENT R	ANKING SC		10	
Date Started	10/15	5/2002	_ Date Co	mpleted	10/31/2002	2 OCD V	Vitness	1	No	
Soil Excavated	57	cubic ya	ards Exc	cavation Le	ength <u>32</u>	Width	21'	Depth	5'	feet
Soil Disposed	24	cubic ya	ards Of	fsite Facility	Junct	ion box	Location_	Eun	ice, N.M.	

FINAL ANALYTICAL RESULTS: Sample Date October 25, 2002 Sample Depth 5' bgs

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	GRO	DRO	Chlorides
Location	ma/ka	ma/ka	ma/ka	mg/kg	ma/ka	ma/ka	PPM
SIDEWALLS	<0.005	<0.005	< 0.005	<0.015	<10.0	<10.0	320
BOTTOM	<0.005	< 0.005	< 0.005	<0.015	<10.0	<10.0	448

General Description of Remedial Action: Excavated the area laterally and vertically

to find the depth where impact met the NMOCD TPH guidelines. At 3' bgs chlorides tested to be 837 ppm. ROC dug down to 5' bgs to find the chlorides declining down to 336 ppm chlorides. ROC excavated down to 5' bgs. A clay liner was installed at 5' bgs to slow the migration of any impact left in the soil. A water tight junction box was installed and backfilled. The area was contoured to the surrounding area. The depth to groundwater is 45' - 47' bgs. Because the chlorides declined from 837 ppm at 3' bgs down to 336 ppm chlorides at 5' bgs it is assumed that impact stopped before GW.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	Chlorides
B Comp	5' bgs	336
B Comp	3' bgs	837
W Comp	1.5 ' bgs	204

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AN COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE	January 8, 2003		Chris Rodriguez
SIGNATURE	Chris Codrigue	TITLE	Environmental Technician

	Sundance Services, P.O. Box 1737 * Eunice, NM 88 (505) 394-2511)533
LEASE_OPERATOR/SHIPP	ER/COMPANY: Rece	Werpinks	
LEASE NAME: 8	Sub		
TRANSPORTER COMPANY	ES WALTEN	TIME:	AM/PM
DATE: 10-31-02 V	EHICLE NO.: 37	DRIVER NO .:	20%学校
CHARGE TO: Pre	50000	TEIS R370	
	TYPE OF MATERIA	en alter ser en art. E	
['] Production Water. ['] Tank Bottoms [] Other Material:	[] Drilling Fluids; [✔] Contaminated soil [] BS&W Content:	[] Completion Fluids [] C-117 No::::::::::::::::::::::::::::::::::::	
Description: Cont. Sore	<u> </u>		
	BBLS		12.1
JOB TICKET, OPERATOR/SHIPPER HEREWITH IS MATERIAL EXEMPT AMENDED FROM TIME TO TIME, AND REGULATIONS RELATED TH PRODUCED WATERS, AND OTHER PRODUCTION OF CRUDE OIL OR	E SERVICES, INC. S ACCEPTANCE OF REPRESENTS AND WARRANTS THAT I FROM THE RESOURCE, CONSERVAT 40 U.S.C. § 6901, erseqp. THE NM HEA IERETO, BY VIRTUE OF THE EXEMPT R WASTE ASSOCIATED WITH THE EX NATURAL GAS OR GEOTHERMAL EN	THE WASTE MATERIAL SHI TION AND RECOVERY ACT O ALTH AND/SALLCODE \$36120 ION AFFORDED DRIFFING FI PLORATION, DEVELOPMENT ERGY	PPED F 1976, AS Ølf et seq: Fi LUIDS, OR
THIS JOB TICKET, TRANSPORTER	DANCE SERVICES, INC.'S ACCEPTAN REPRESENTS AND WARRANTS THAT RTER IS NOW DELIVERED BY TRANS	ONLY THE MATERIAL PELI	VERED BY
Statement at the above describe	e above Transporter loaded the mained location, and that it was tendered attended to this load, a	ed by the above described s	shipper. This
DRIVER: (SIGNATURE)	Tarin JR		
FACILITY REPRESENTATIVE:	(SIGNATURE)		
	PINK-SUNDANCE ACCT#2. Gold-1 ransporter		그는 것은 집 것 같

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: A SE TYPE OF MATER 5CT N -26 [] Drilling Fluids [] Completion Fluids [] Production Water [] 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 ACCEPTANCE OF THE JOB TICKET. OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACLOI AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et sect. THE NM HEAT IN AND SAF CODE \$3501 AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION DEVELOPMEN PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERG ALSO AS A CONDITION TO SUNDANCE SERVICES, INC. SACCEPTANCE 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



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: CHRIS RODRIGUEZ 122 W. TAYLOR HOBBS, NM 88240 FAX TO: (505) 397-1471

Receiving Date: 10/25/02 Reporting Date: 10/28/02 Project Number: NOT GIVEN Project Name: VENT N-26 JCT. BOX UPGRADE Project Location: B-D Sampling Date: 10/15/02 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)	Cl*
LAB NUMBER SAMPLE ID	(mg/Kg)	(mg/Kg)	(mg/Kg)

ANALYSIS	DATE	10/25/02	10/25/02	10/28/02
H7159-1	WALL COMPOSITE	<10.0	<10.0	320**
H7159-2	BOTTOM COMPOSITE	<10.0	<10.0	448
Quality Con	trol	726	808	1000
True Value	QC	800	800	1000
% Recovery	/	90.8	101	100
Relative Pe	rcent Difference	1.1	1.1	5.0

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

RICE OPERATING HOBBS, NM

mist A. Cooke

Date

H7159A.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 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 reasons or otherwise.



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LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DA	TE	10/25/02	10/25/02	10/25/02	10/25/02
H7159-1	WALL COMPOSITE	< 0.005	<0.005	<0.005	<0.015
H7159-2	BOTTOM COMPOSITE	<0.005	<0.005	<0.005	<0.015
Quality Contro	l	0.094	0.099	0.108	0.315
True Value QC		0.100	0.100	0.100	0.300
% Recovery		94.1	99.1	108	105.0
Relative Perce	ent Difference	2.8	2.6	2.5	1.7

METHOD: EPA SW-846 8260

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TICE OPERATING HOBBS, NM

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Company Name	Rice OP	Ċ			•							2					A	ANAL YSIS	REQUESI	EST				_
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Sampler Name:	wall & Botton Composites	tes					<u> </u>	Fax #:																
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Lab I.D.	Sample I.D.	ROBAR(D)	WONUORD	TAWETSAW	SOIL		SLUDGE :	ACID/BASE:	ICE / COOF	: ЯЭНТО	DATE	E LIME		X918 70	HOL									
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