

1R - 426-80

REPORTS

DATE:

2/16/2001

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

1R-426-80

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	METEX PAN CAN	M	6	22S	37E	LEA	Length 6'	Width 6'	Depth 4'

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater >100' feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 02/16/2001 Date Completed 02/16/2001 OCD Witness NO

Soil Excavated 60 cubic yards Excavation Length 16' Width 14 Depth 11 feet

Soil Disposed 44 cubic yards Offsite Facility SUNDANCE Location EUNICE, NM

FINAL ANALYTICAL RESULTS: Sample Date 02/16/2001 Sample Depth 11'

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 Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SIDEWALLS	<0.2	<0.2	0.258	0.769	<50	<50	2938
BOTTOM	<0.2	<0.2	<0.2	<0.6	<50	683	1508

General Description of Remedial Action: Delineated vertical and lateral extent to below

NMOCD guidelines. Installed compacted clay liner and water tight junction box and backfilled.

High impact soil was hauled to permitted disposal facility.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	3'	1700
BOTTOM	11'	900

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

DATE 02/16/2001 PRINTED NAME James Strugill

SIGNATURE James Strugill TITLE Environmental Technician

**CARDINAL
LABORATORIES**

PHONE (915) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 383-2326 • 101 E. MARLAND • HOBBS, NM 88240

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

Receiving Date: 02/16/01
Project Owner: NOT GIVEN
Project Number: MEXTEX - PAN A
Project Name: MEXTEX PAN CAN A
Project Location: S-6 T22S R37E

Sampling Date: 02/16/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GAP
Analyzed By: JA

LAB ID	SAMPLE ID	GRO (C8-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
H5627-1	PAN CAN A SIDES	<500	<500	<0.200	<0.200	0.268	0.769
H5627-2	PAN CAN A BOTTOM	<500	683	<0.200	<0.200	<0.200	<0.600

Extraction Date:	02/19/01	02/19/01	02/19/01	02/19/01	02/19/01	02/19/01
Analysis Date:	02/19/01	02/19/01	02/19/01	02/19/01	02/19/01	02/19/01
Method Blank	<50.0	<50.0	<0.002	<0.002	<0.002	<0.006
Quality Control	107	92	0.097	0.100	0.088	0.275
True Value QC	100	100	0.100	0.100	0.100	0.300
% Recovery	107%	92%	97%	100%	88%	92%
Relative Percent Difference	6.5%	3.8%	4.1%	0.7%	1.6%	0.2%

METHODS: TPH GRO & DRO - EPASW-846 8015M; BTEX-EPA SW-846 8021B, 5030B


Jim Armstrong2-20-01
Date

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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PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

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

Receiving Date: 02/16/01
Reporting Date: 02/20/01
Project Number: MEXTEX PAN-A
Project Name: MEXTEX PAN CAN A
Project Location: S-8 T22 R37E

Analysis Date: 02/19/01
Sampling Date: 02/16/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: GP
Analyzed By: AH

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/Kg)
H5627-1	PAN CAN A SIDES	2838
H5627-2	PAN CAN A BOTTOM	1508
Quality Control		1031
True Value QC		1000
% Recovery		103
Relative Percent Difference		1.9

METHOD: Standard Methods 4500-ClB

NOTE: Analyses performed on 1:4 w/v aqueous extracts.


Chemist

02/20/2001
Date

H5627.XLS
PLEASE NOTE: Cardinal 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.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL 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

Page of

Company Name: <u>Rice Operating</u>		BILL TO		ANALYSIS REQUEST														
Project Manager: <u>James Storgis</u>		P.O. #:																
Address: <u>122 W 7th Ave</u>		Company: <u>RCS</u>																
City: <u>Hobbs</u>		Attn:																
Phone #: <u>(505) 393-9111</u>		Address:																
Project #: <u>MexTex-PAN CANA</u>		City:																
Project Name: <u>MexTex-PAN CANA</u>		State:																
Project Location: <u>5-6 T225 R37E</u>		Zip:																
Sampler Name:		Phone #:																
Fax #:																		
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV			SAMPLING			DATE			TIME		
				GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:						
H3621-1	PAN CANA Sides		1															
-2	PAN CANA Bottom		1															

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 the client for the analysis. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 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.

Sampler Relinquished:		Received By:	
Date: <u>2-16-</u>		Time: <u>5:30</u>	
Relinquished By: <u>James Storgis</u>		Received By: (Lab Staff) <u>[Signature]</u>	
Date: <u>02/14/2001</u>		Time: <u>04:10</u>	
Delivered By: (Circle One)		Sample Condition	
Sample - UPS - Bus - Other:		Cool Intact	
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
CHECKED BY: (Initials)			
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
REMARKS:			

† 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

NE 37887

LEASE OPERATOR/SHIPPER/COMPANY: Kice

LEASE NAME: EO Motor Panama

TRANSPORTER COMPANY: Out works

TIME: 11:00 AM/PM

DATE: 7-21-01 VEHICLE NO.: E 02

DRIVER NO.:

CHARGE TO: Kice

TYPE OF MATERIAL

☐ Production Water

☐ Drilling Fluids

☐ Completion Fluids

☐ Tank Bottoms

☒ Contaminated soil

☐ C-117 No.: _____

☐ Other Material:

☐ BS&W Content: _____

Description: Oilfield

VOLUME OF MATERIAL ☐ BBLs. _____ : ☐ YARD 12 : ☐ _____

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 HEREWIT 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]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(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

NO 37895

LEASE OPERATOR/SHIPPER/COMPANY: *ACE*

LEASE NAME: *LOT 14*

APC-693

TRANSPORTER COMPANY: *ACE*

TIME: AM/PM

DATE: *2-21-1* VEHICLE NO.: *12*

DRIVER NO.:

CHARGE TO: *ACE*

TYPE OF MATERIAL

☐ Production Water

☐ Drilling Fluids

☐ Completion Fluids

☐ Tank Bottoms

☐ Contaminated soil

☐ C-117 No.: _____

☐ Other Material:

☐ BS&W Content: _____

Description: *12/10*

VOLUME OF MATERIAL ☐ BBLs. : ☐ YARD *12* : ☐

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.

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DRIVER: *Tom Turner*
(SIGNATURE)

FACILITY REPRESENTATIVE: *John*
(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**NE 37872**

LEASE OPERATOR/SHIPPER/COMPANY:

*Rico**APC-693*

LEASE NAME:

*Mc tex Panacea**BO 300*

TRANSPORTER COMPANY:

Dirt Works

TIME:

AM/PM

DATE:

3-31-01

VEHICLE NO.:

402

DRIVER NO.:

CHARGE TO:

*Rico***TYPE OF MATERIAL**☐ Production Water☐ Drilling Fluids☐ Completion Fluids☐ Tank Bottoms☒ Contaminated soil☐ C-117 No.:☐ Other Material:☐ BS&W Content:

Description:

*Only dirt*VOLUME OF MATERIAL ☐ BBLs.☐ YARD*12*☐

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DRIVER:

(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

NE 37910

LEASE OPERATOR/SHIPPER/COMPANY: *IT/CC*

LEASE NAME: *WATER PUMP H*

AFE-693

TRANSPORTER COMPANY:

TIME: AM/PM

DATE: *7/1/01* VEHICLE NO.:

DRIVER NO.:

CHARGE TO: *IT/CC*

TYPE OF MATERIAL

☐ Production Water

☐ Drilling Fluids

☐ Completion Fluids

☐ Tank Bottoms

☐ Contaminated soil

☐ C-117 No.:

☐ Other Material:

☐ BS&W Content: _____

Description: *W/P*

AFE-693

VOLUME OF MATERIAL ☐ BBLs. : ☒ YARD *8* : ☐

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DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

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