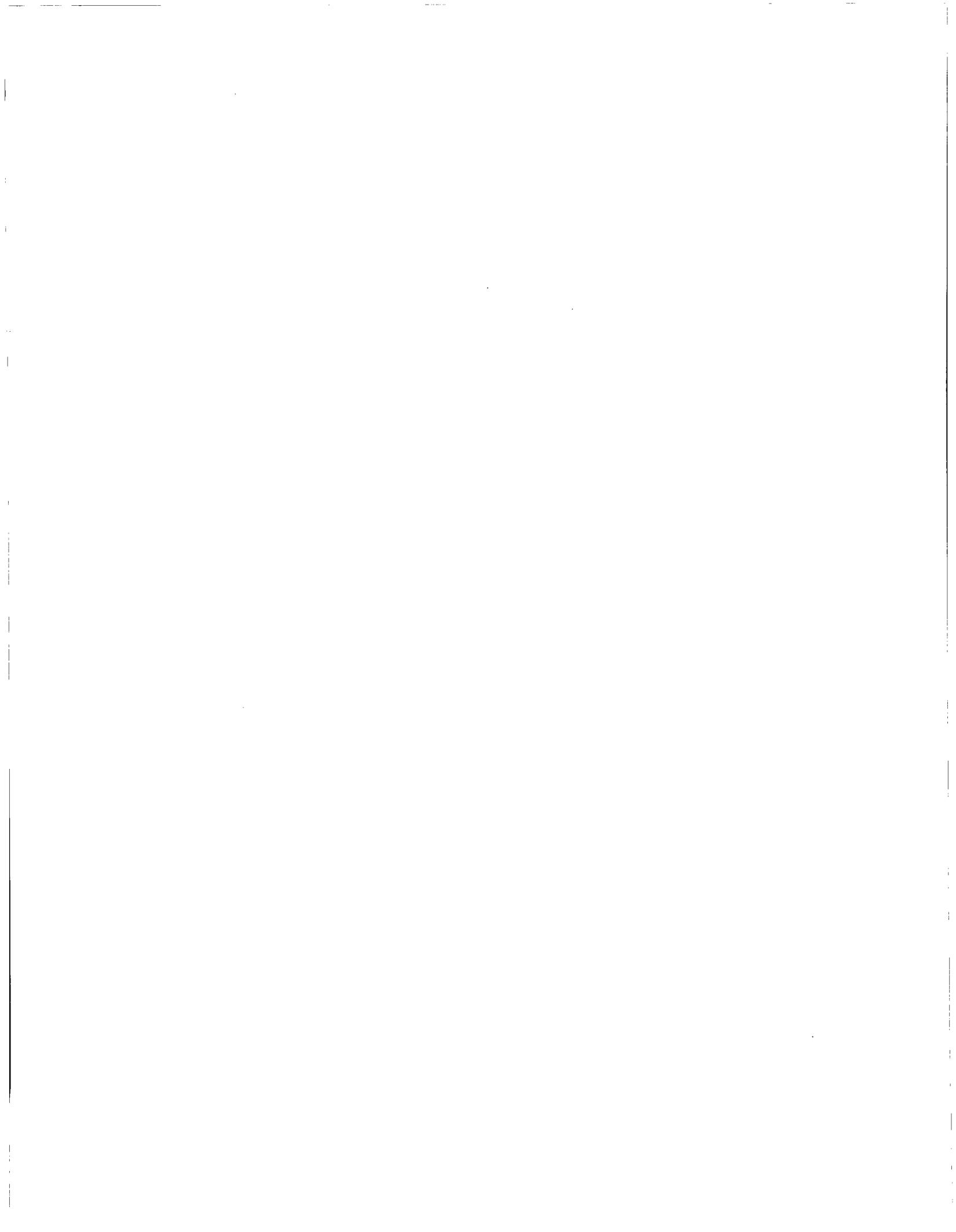


1R - 427 - 118

REPORTS

DATE:

2-14-2001



427-118

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	M-10	M	10	21S	36E	LEA	5'	5'	5'

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

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

Date Started 09/24/2001 Date Completed 02/27/2001 OCD Witness NO

Soil Excavated 20 cubic yards Excavation Length 10 Width 10 Depth 6 feet

Soil Disposed 12 cubic yards Offsite Facility SUNDANCE Location EUNICE, NM

FINAL ANALYTICAL RESULTS: Sample Date 10/14/2001 Sample Depth 6'

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	<0.005	<0.005	<0.005	<0.015	<50	334	198
BOTTOM	<0.005	<0.005	<0.005	<0.015	104	3780	1130

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.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	2'	160
BOTTOM	6'	990

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

DATE 02/14/2001 PRINTED NAME James Strugill

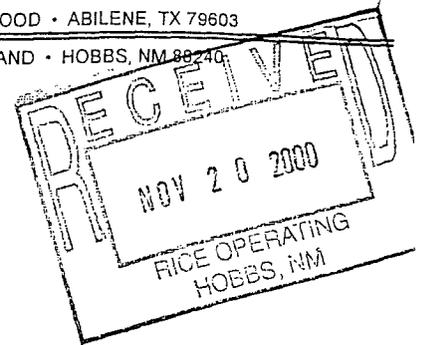
SIGNATURE James Strugill TITLE Environmental Technician



**ARDINAL
LABORATORIES**

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:

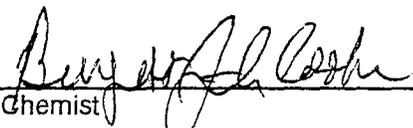
Receiving Date: 11/14/00
Reporting Date: 11/15/00
Project Number: NOT GIVEN
Project Name: M-10 SIDES & BOTTOM EME
Project Location: UM SEC 10-T21S-R36E

Sampling Date: 11/14/00
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC/AH

LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE	11/14/00	11/14/00	11/15/00
H5341-1 M-10-SIDE	<50	334	198
H5341-2 M-10-BOTTOM	104	3780	1130
Quality Control	787	804	954
True Value QC	800	800	1000
% Recovery	98.3	100	95.4
Relative Percent Difference	7.7	0.9	4.9

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist

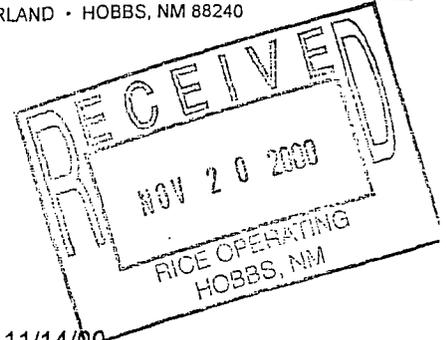
11/15/00
Date

H5341A.XLS



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: 11/14/00
 Reporting Date: 11/16/00
 Project Number: NOT GIVEN
 Project Name: M-10 SIDES & BOTTOM EME
 Project Location: UM SEC 10-T21S-R36E

Sampling Date: 11/14/00
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: AH
 Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		11/15/00	11/15/00	11/15/00	11/15/00
H5341-1	M-10-SIDE	<0.005	<0.005	<0.005	<0.015
H5341-2	M-10-BOTTOM	<0.005	<0.005	<0.005	<0.015
Quality Control		0.094	0.095	0.087	0.266
True Value QC		0.100	0.100	0.100	0.300
% Recovery		93.8	94.7	87.2	88.6
Relative Percent Difference		1.4	3.8	0.5	2.8

METHOD: EPA SW-846 8260

James Sturgill for Cash
 Chemist

11/16/00
 Date

H5341B.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.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

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

Company Name: VICE OPERATING CO.

Project Manager: JAMES STURGEON

Address: 122 W. TAYLOR

City: HOBBBS **State:** NM **Zip:** 88240

Phone #: _____ **Fax #:** _____

Project #: _____ **Project Owner:** _____

Project Name: M-10-SIDE-SPECKLE

Project Location: UM-See 10-T2/SR36E

Sampler Name: _____

P.O. #: _____

Company: _____

Attn: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Phone #: _____ **Fax #:** _____

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	DATE	TIME	OTHER:	ICE/COOL	ACID/BASE	OTHER:	SLUDGE	GRUDE OIL	SOIL	WASTEWATER	GROUNDWATER	# CONTAINERS	(G) FAB OR (OMP)	DATE	TIME
H5341-1	M-10-5idc	11/14/00	12:00										1			
-2	M-10-Bottom												1			

FOR LAB USE ONLY

Matrix: _____

Preserv: _____

Sampling: _____

Other: _____

Ice/Cool: _____

Acid/Base: _____

Other: _____

Sludge: _____

Grude Oil: _____

Soil: _____

Wastewater: _____

Groundwater: _____

Containers: _____

(G) FAB OR (OMP): _____

Date: _____ **Time:** _____

Received By: _____

Received By: (Lab Staff) _____

Sample Condition: _____

Cool: **Intact:**

Yes: **No:**

Checked By: (Initials) _____

Delivered By: (Circle One)

Sampler: **JPS:** **Bus:** **Other:**

Phone Result: Yes No **Add'l Phone #:** _____

Fax Result: Yes No **Add'l Fax #:** _____

REMARKS:

2 - BTR @ 60 = 120

2 - TPAH 8015m, Grod One @ 90 = 180

2 - Cu compts in soil @ 22 = 44

STATE FAX 20.64

364.64

† Cardinal cannot accept verbal changes. Please fax written changes to 805-393-2476.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, NM 88231
(505) 394-2511

NC 35382

LEASE OPERATOR/SHIPPER/COMPANY:

LEASE NAME: M-10

TRANSPORTER COMPANY:

TIME:

AM/PM

DATE: 1/10/95

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	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	M-10	M	10	21S	36E	LEA	5'	5'	5'

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

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

Date Started 09/24/2001 Date Completed 02/27/2001 OCD Witness NO

Soil Excavated 20 cubic yards Excavation Length 10 Width 10 Depth 6 feet

Soil Disposed 12 cubic yards Offsite Facility SUNDANCE Location EUNICE,NM

FINAL ANALYTICAL RESULTS: Sample Date 10/14/2001 Sample Depth 6'

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	<0.005	<0.005	<0.005	<0.015	<50	334	198
BOTTOM	<0.005	<0.005	<0.005	<0.015	104	3780	1130

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.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	2'	160
BOTTOM	6'	990

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

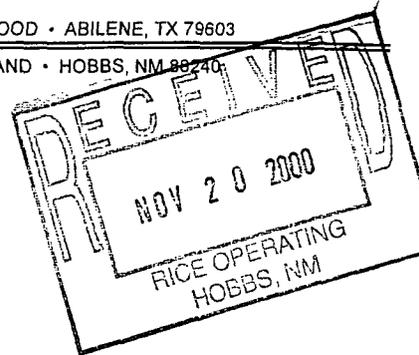
DATE 02/14/2001 PRINTED NAME James Strugill
 SIGNATURE *James Strugill* TITLE Environmental Technician



**ARDINAL
LABORATORIES**

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: 11/14/00
Reporting Date: 11/15/00
Project Number: NOT GIVEN
Project Name: M-10 SIDES & BOTTOM EME
Project Location: UM SEC 10-T21S-R36E

Sampling Date: 11/14/00
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		11/14/00	11/14/00	11/15/00
H5341-1	M-10-SIDE	<50	334	198
H5341-2	M-10-BOTTOM	104	3780	1130
Quality Control		787	804	954
True Value QC		800	800	1000
% Recovery		98.3	100	95.4
Relative Percent Difference		7.7	0.9	4.9

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

*Analyses performed on 1:4 w:v aqueous extracts.



Chemist

11/15/00

Date

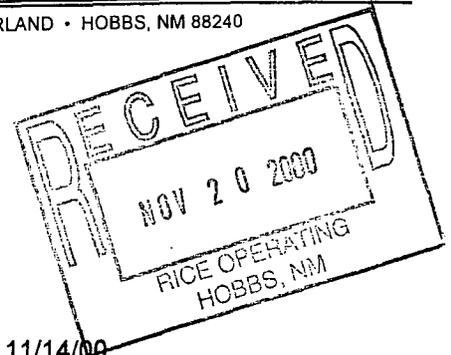
H5341A.XLS

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.



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: 11/14/00
 Reporting Date: 11/16/00
 Project Number: NOT GIVEN
 Project Name: M-10 SIDES & BOTTOM EME
 Project Location: UM SEC 10-T21S-R36E

Sampling Date: 11/14/00
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: AH
 Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		11/15/00	11/15/00	11/15/00	11/15/00
H5341-1	M-10-SIDE	<0.005	<0.005	<0.005	<0.015
H5341-2	M-10-BOTTOM	<0.005	<0.005	<0.005	<0.015
Quality Control		0.094	0.095	0.087	0.266
True Value QC		0.100	0.100	0.100	0.300
% Recovery		93.8	94.7	87.2	88.6
Relative Percent Difference		1.4	3.8	0.5	2.8

METHOD: EPA SW-846 8260

James Sturgill
 Chemist

11/16/00
 Date

H5341B.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.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page of

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

Company Name: NICE OPERATING CO.		Company:	
Project Manager: JAMES STURGILL		P.O. #:	
Address: 122 W. TAYLOR		Company:	
City: HOBBS		Attn:	
State: NM Zip: 88240		Address:	
Phone #:		City:	
Project #:		State:	
Project Name: M-10-SIDESPEMIE		Phone #:	
Project Location: VM-See 10-TALS R36E		Fax #:	
Sampler Name:		Project #:	

Lab I.D.	Sample I.D.	PRESERV	MATRIX			DATE	TIME
			GROUNDWATER	WASTEWATER	SOIL		
H5341-1	M-10-5-1c				11/14/00		
-2	M-10-Bottom						

ANALYSIS REQUEST

REMARKS:
 2 - BTE-40 60 = 120
 2 - TRH, 8015m, Grand Doo 090 = 180
 2 - 60 containers in for case = 44 STATE TAX 20.64

Phone Result: Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**

PLEASE NOTE: Laboratory and Sample ID. Cards must be clearly marked with the name of the client for the analysis. All clients including those for religious and any other cause who request that the analysis be conducted without the name of the client being included on the report, must sign a separate agreement. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, 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 liability is based upon any of the above stated remedies or otherwise.

Received By: James Sturgill
Date: 11-14-00
Time: 3:10
Received By: (Lab Staff) James Sturgill
Checked By: (Initials) JS

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

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

364.64

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, NM 88231
(505) 394-2511

NC 35882

LEASE OPERATOR/SHIPPER/COMPANY:

LEASE NAME: M-10

TRANSPORTER COMPANY:

TIME:

AM/PM

DATE: 1/1/88

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