

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

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____Depth to Groundwater >100 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0Date Started 09/24/2001 Date Completed 02/27/2001 OCD Witness NOSoil Excavated 20 cubic yards Excavation Length 10 Width 10 Depth 6 feetSoil Disposed 12 cubic yards Offsite Facility SUNDANCE Location EUNICE, NMFINAL 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



PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

GOOD • ABILENE, TX 79603
AND • HOBBS, NM 88240

RECEIVED
NOV 20 2000
RICE OPERATING
HOBBS, NM

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

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

Date 11/15/02

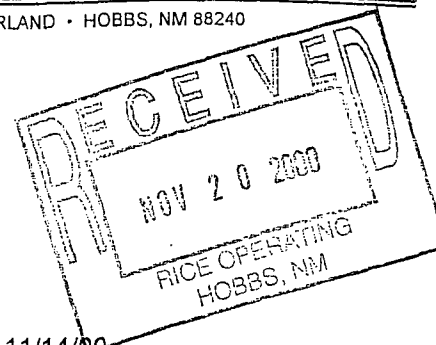
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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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

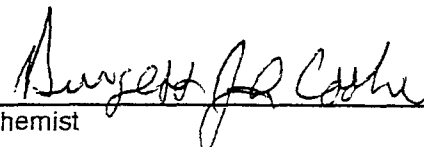


Receiving Date: 11/14/00
Reporting Date: 11/16/00
Project Number: NOT GIVEN
Project Name: M-10 SIDES & BOTTOM EME
Project Location: UM SEC 10-T21S-R36E

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


Chemist

11/16/00
Date

H5341B.XLS

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Page 4

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† 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 35382

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

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SIGNATURE *James Strugill* TITLE Environmental Technician



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:

OD • ABILENE, TX 79603
AND • HOBBS, NM 88240

RECEIVED
NOV 20 2000
RICE OPERATING
HOBBS, NM

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
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Sample Condition: COOL & INTACT
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Analyzed By: BC/AH

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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.

Bryan J. Cohen
Chemist

Date 11/15/02

H5341A.XLS

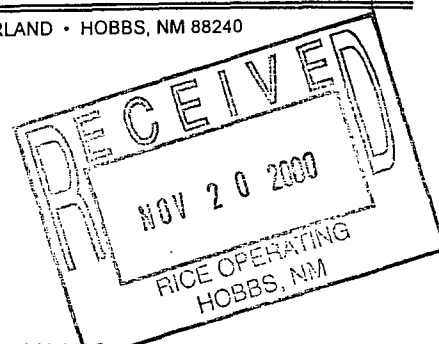
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ATTN: JAMES STURGILL
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:



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METHOD: EPA SW-846 8260

James Sturgill for Cash
Chemist

11/16/00
Date

H5341B.XLS

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P

ANALYSIS REQUEST	
Company Name: NICE OPERATING CO. Project Manager: JAMES STURGILL Address: 122 W. TAYLOR City: HOOBBS State: NM Zip: 88240 Phone #: Fax #:	Lab I.D. H5341-1 M-10-5:dc -2 M-10-Bottom
Project Name: M-10-SIDESPRING Project Location: UM-See 10-T2/SR36E Sampler Name:	Matrix: GROUNDWATER <input checked="" type="checkbox"/> SLUDGE <input type="checkbox"/> WASTEWATER <input type="checkbox"/> CRUDE OIL <input type="checkbox"/> SOIL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE/COOL <input type="checkbox"/> OTHER: <input type="checkbox"/>
Project #: Project Name: M-10-SIDESPRING Project Location: UM-See 10-T2/SR36E Sampler Name:	Preserv: CONTAINERS: 1 GROUNDWATER: 1 WASTEWATER: 1 SOIL: 1 CRUDE OIL: 1 SLUDGE: 1 OTHER: 1 ACID/BASE: 1 ICE/COOL: 1 OTHER: 1
Project #: Project Name: M-10-SIDESPRING Project Location: UM-See 10-T2/SR36E Sampler Name:	Date: 11/14/00 Time: 10:00
Project #: Project Name: M-10-SIDESPRING Project Location: UM-See 10-T2/SR36E Sampler Name:	Analysis Requested: BTEX <input checked="" type="checkbox"/> 80/15 m <input checked="" type="checkbox"/> CL <input checked="" type="checkbox"/>
Project #: Project Name: M-10-SIDESPRING Project Location: UM-See 10-T2/SR36E Sampler Name:	Remarks: 2 - BTEX @ 60 = 120 2 - TPH, 80/15 m, 80/15 m @ 90 = 180 2 - 60 components in soil @ 22 = 44 STATE TAX

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:

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.

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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