

1R - 426-48

REPORTS

DATE:

1/08/2003

1R-426-48

**FINAL
REPORT**

JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
B-D	N-26	N	26	21S	37E	Lea	6'	7'	3'

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Delrose Scott OTHER _____

Depth to Groundwater 45' - 47' feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 10/15/2002 Date Completed 10/31/2002 OCD Witness No

Soil Excavated 57 cubic yards Excavation Length 32' Width 21' Depth 5' feet

Soil Disposed 24 cubic yards Offsite Facility Junction box Location Eunice, 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 Location	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Total Xylenes mg/kg	GRO mg/kg	DRO mg/kg	Chlorides 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 PRINTED NAME Chris Rodriguez

SIGNATURE *Chris Rodriguez* TITLE Environmental Technician

Sundance Services, Inc.

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

№ 60331

LEASE OPERATOR/SHIPPER/COMPANY: Rice Operating

LEASE NAME: B-D 5010

TRANSPORTER COMPANY: ED WATSON

TIME: _____ AM/PM

DATE: 10-31-02 VEHICLE NO.: 371

DRIVER NO.: _____

CHARGE TO: Rice SEC 26 T215 R37E

TYPE OF MATERIAL

Production Water

Drilling Fluids

Completion Fluids

Tank Bottoms

Contaminated soil

C-117 No.:

Other Material:

BS&W Content:

Description: Cont. Soil

VOLUME OF MATERIAL BBLs YARD 10

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 SAFETY CODE § 361001, 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: Reyes TAVIN JR
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

Sundance Services, Inc.

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

NE 60341

LEASE OPERATOR/SHIPPER/COMPANY: *Reco Corp.*

LEASE NAME: *B-D SWD*

TRANSPORTER COMPANY: *F.D.V.*

TIME: AM/PM

DATE: *10-31-09* VEHICLE NO.: *791*

DRIVER NO.:

CHARGE TO: *Reco Corp.*

TYPE OF MATERIAL *SECT 1115 R31E
SCT N-26*

- | | | |
|---|---|--|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Completion Fluids |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated soil | <input type="checkbox"/> C-117 No.: |
| <input type="checkbox"/> Other Material: | <input type="checkbox"/> BS&W Content: | |

Description: *oil cut*

VOLUME OF MATERIAL BBLs YARD

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DRIVER: *Reyno Tavin*
(SIGNATURE)

FACILITY REPRESENTATIVE: *[Signature]*
(SIGNATURE)



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

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (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 Control		726	808	1000
True Value QC		800	800	1000
% Recovery		90.8	101	100
Relative Percent Difference		1.1	1.1	5.0

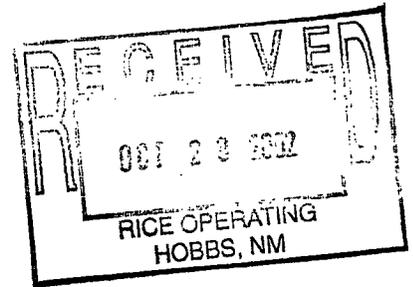
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

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

**Matrix Interference (color) observed.

Burton A. Cooke
 Chemist

10/28/02
 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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 Project Location: B-D

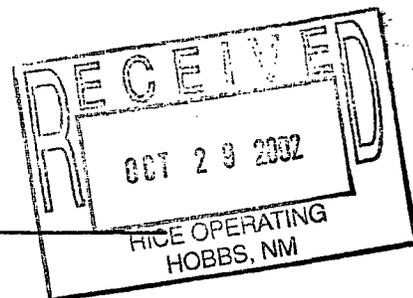
Sampling Date: 10/15/02
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		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 Control		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 Percent Difference		2.8	2.6	2.5	1.7

METHOD: EPA SW-846 8260

Barry J. Coche
 Chemist

10/28/02
 Date



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