

1R - 426-70

REPORTS

DATE:

1/09/2001

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

1R-426-70

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	F-32	F	32	21S	37E	LEA	Length 10'	Width 5'	Depth 6'

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

Depth to Groundwater 90 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 12/09/2000 Date Completed 01/02/2001 OCD Witness NO

Soil Excavated 56 cubic yards Excavation Length 12' Width 7' Depth 18' feet

Soil Disposed 0 cubic yards Offsite Facility _____ Location _____

FINAL ANALYTICAL RESULTS: Sample Date 01/09/2001 Sample Depth 18'

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	< 0.002	< 0.002	< 0.002	< 0.006	<50	81.5	1530
BOTTOM	< 0.002	< 0.002	< 0.002	< 0.006	<50	<50	2920

General Description of Remedial Action: Delineated laterally and vertically to 18' bgs.

Chlorides dropped from 4800 ppm at 8' to 2400 ppm at 18' according to field tests. This delineation demonstrates impact probably stopped before reaching groundwater. A compacted clay liner and water tight junction box was installed. Backfilled with blended top soil.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS	6'	1800
BOTTOM	8'	4800
	13'	2950
	15'	3700
	18'	2400

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

DATE January 9, 2001 PRINTED NAME James Sturgill
SIGNATURE *James Sturgill* TITLE Environmental Technician



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 383-2326 • 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: 01/02/01
Reporting Date: 01/04/01
Project Number: NOT GIVEN
Project Name: F-32 BOTTOM-18' AND SIDES
Project Location: F-SEC32 T21S R37E BD

Sampling Date: 01/02/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: B C
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		01/03/01	01/03/01	01/04/01
H5487-1	F-32 BOTTOM	<50	<50	2920
H5487-2	F-32 SIDES	<50	81.5	1530
Quality Control		929	1049	1004
True Value QC		1000	1000	1000
% Recovery		92.9	105	100
Relative Percent Difference		8.5	7.8	7.2

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

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

Burgess J. A. Cooke
Chemist

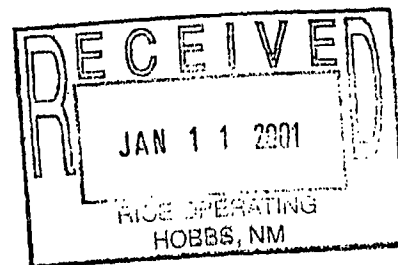
1/4/01
Date

H5487A.XLS
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ANALYTICAL RESULTS FOR
RICE OPERATING COMPANY
ATTN: JAMES STURGILL
122 W. TAYLOR
HOBBS, NM 88240
FAX TO:

Receiving Date: 01/02/01
Reporting Date: 01/05/01
Project Number: F-32 BOTTOM
Project Name: F-32 BOTTOM-18' AND SIDES
Project Location: F - SEC 32 T21S R32E BD

Sampling Date: 01/02/01
Sample Type: SOIL
Sample Condition: COOL, INTACT
Sample Received By: BC-HOBBS
Analyzed By: JA

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		01/04/01	01/04/01	01/04/01	01/04/01
H5487-1	F-32 BOTTOM	<0.002	<0.002	<0.002	<0.006
H5487-2	F-32 SIDES	<0.002	<0.002	<0.002	<0.006
Quality Control		0.092	0.096	0.087	0.262
True Value QC		0.100	0.100	0.100	0.300
% Accuracy		92	96	87	87
Relative Percent Difference		4.9	2.8	2.4	2.3

METHOD: EPA SW 846-8020, 5030, Gas Chromatography


Chemist

1-5-01
Date

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† Cardinal cannot accept verbal changes. Please fax written changes to 605-393-2476.

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	F-32	F	32	21S	37E	LEA	Length 10'	Width 5'	Depth 6'

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General Description of Remedial Action: Delineated vertically and laterally to below

NMOCD guidelines. Installed a compacted clay liner and water tight junction box. Backfilled with
blended soil below NMOCD guidelines.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
SIDEWALLS		
BOTTOM		

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KNOWLEDGE AND BELIEF.

DATE 01/09/2001 PRINTED NAME James Sturgill

SIGNATURE *James Sturgill* TITLE Environmental Technician



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

Receiving Date: 01/02/01
Reporting Date: 01/04/01
Project Number: NOT GIVEN
Project Name: F-32 BOTTOM-18' AND SIDES
Project Location: F-SEC32 T21S R37E BD

Sampling Date: 01/02/01
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: B C
Analyzed By: BC/AH

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Chemist

Date

H5487A.XLS

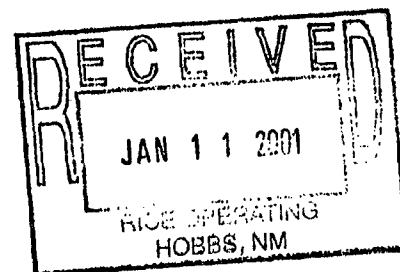
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FAX TO:

Receiving Date: 01/02/01
Reporting Date: 01/05/01
Project Number: F-32 BOTTOM
Project Name: F-32 BOTTOM-18' AND SIDES
Project Location: F - SEC 32 T21S R32E BD

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Sample Condition: COOL, INTACT
Sample Received By: BC-HOBBS
Analyzed By: JA

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Chemist

1-5-01
Date

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Page of

Company Name:		P.O. #:	
Project Manager:			
Address:		Company:	
City:		Attn:	
Phone #:		Address:	
Project #:		City:	
Project Name:		State:	
Project Location:		Zip:	
Sampler Name:		Phone #:	
		Fax #:	
Rice Creek Staging			
James Stogdill			
122 W Taylor			
Maddis State: N.M.		Zip: 88240	
3939174 Fax #:			
F-32 Bottom Project Owner:			
F-32 Bottom - 18' Hwd sides			
F-see 32 T2LS P32E BD			
James Stogdill			

FOR LAB USE ONLY		PRESERV		SAMPLING	
Lab I.D.	Sample I.D.	MATRIX		DATE	TIME
46587-	F-32 Bottom	(G) RAB OR (C) OMP. <td># CONTAINERS <td></td> <td></td> </td>	# CONTAINERS <td></td> <td></td>		
15487-1	F-32 sides	GROUNDWATER			
-2		WASTEWATER			
		SOIL			
		CRUDE OIL			
		SLUDGE			
		OTHER :			
		ACID/BASE:			
		ICE / COOL			
		OTHER :			

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Sampler Relinquished: James Stogdill Date: 11/20/01

Relinquished By: [Signature] Time: _____

Received By: (Lab Staff) Burke [Signature] Checked By: (Initials) _____

Date: 11/20/01

Time: _____

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