

1R - 426-87

**REPORTS**

**DATE:**

2/14/2001

**RICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT**

110426-87

**BOX LOCATION**

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
BD	K-19	K	19	22S	37E	LEA	LENGTH	Width	Depth
							4'	4'	3'

LAND TYPE: BLM ☐ STATE ☒ FEE LANDOWNER \_\_\_\_\_ OTHER \_\_\_\_\_

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

Date Started 11-17-00 Date Completed 12-15-00 OCD Witness NONE

Soil Excavated 10 cubic yards Excavation Length 4' Width 4' Depth 3' feet

Soil Disposed 0 cubic yards Offsite Facility N/A Location N/A

**FINAL ANALYTICAL RESULTS:** Sample Date 12-01-00 Sample Depth 5'

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 ma/ka	Toluene ma/ka	Ethyl Benzene ma/ka	Total Xylenes ma/ka	GRO ma/ka	DRO ma/ka	Chlorides ma/ka
SIDEWALLS	<0.005	<0.005	<0.005	<0.015	<50	80.6	265
BOTTOM	<0.005	<0.005	<0.005	<0.015	<50	112	1160

**General Description of Remedial Action:**

THIS BOX HAS BEEN REMOVED AND BACKFILLED

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
SIDEWALLS	2'	250
BOTTOM	5'	900

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

DATE "FEBRUARY 14, 2001

PRINTED NAME JAMES STURGILL

SIGNATURE James Sturgill

TITLE ENVIRONMENTAL TECHNICIAN

**ARDINAL  
LABORATORIES**

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

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

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

Receiving Date: 12/01/00  
Reporting Date: 12/04/00  
Project Number: K-19-BD  
Project Name: K-19 BD-SIDES AND BOTTOM  
Project Location: UK SEC 19-T22S-R37E

Sampling Date: 12/01/00  
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		12/01/00	12/01/00	12/01/00	12/01/00
H5389-1	SIDES	<0.005	<0.005	<0.005	<0.015
H5389-2	BOTTOM	<0.005	<0.005	<0.005	<0.015
Quality Control		0.088	0.090	0.087	0.268
True Value QC		0.100	0.100	0.100	0.300
% Recovery		87.9	90.2	86.6	88.5
Relative Percent Difference		2.0	5.6	0.4	5.0

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

*Buyer of J. A. Cash*  
Chemist

*12/4/00*  
Date



# ARDINAL LABORATORIES

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ANALYTICAL RESULTS FOR  
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ATTN: JAMES STURGILL  
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FAX TO:

Receiving Date: 12/01/00  
Reporting Date: 12/04/00  
Project Number: K-19 BD  
Project Name: K-19 BD-SIDES AND BOTTOM  
Project Location: UK SEC 19-T22S-R37E

Sampling Date: 12/01/00  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: GP  
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C <sub>8</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		12/01/00	12/01/00	12/04/00
H5388-1	SIDES	<50	80.8	285
H5388-2	BOTTOM	<50	112	1160
Quality Control		1070	1059	1035
True Value QC		1000	1000	1000
% Recovery		107	106	104
Relative Percent Difference		4.4	1.1	0.9

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

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

*Russell J. Cooke*  
Chemist

12/4/00  
Date

H5399A.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.

22111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
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**† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.**

*Fold copy*

State of New Mexico  
Environment Department  
Radiation Licensing and Registration  
P. O. Box 26110  
Santa Fe, New Mexico 87502  
(505) 827-1557

*JCT  
K-19*

Temporary Job Site Notification Form

(Required BEFORE Work Begins)

Part I - Licensee Performing Job-Site Activity

Name: RICE OPERATING COMPANY License # N0338-02  
Street Address: 122 WEST TAYLOR City: HOBBS  
State: NEW MEXICO Zip: 88240 Phone: (505) 393-9174  
FAX (505) 379-1471

Part II - Customer and Job Site Information

Name: RICE OPERATING COMPANY  
Contact Person & Title: Scott Curtis R.S.O. Phone: (505) 393-9174  
Job Site Location (give directions to site): UNIT LTR. *K* SEC. *19* T *21* S R. *37* E.  
ALL LOCATIONS ARE IN THE OILFIELD. CALL OUR OFFICE AND WE WILL TAKE YOU TO THE  
LOCATION.

Describe Site Specific Activity: REMOVE NORM FROM PIPELINE JUNCTION BOXES

Starting Date: 10-2000 Projected Completion: 12-2000

Local Ordinance or Permit Required? NO

Have they been obtained?                      List:                     

*Landowner - state*

Part III - Storage

If storage site is different from the job site location give the location and directions to the site. (Attach a map if street address is not available).

NORM WILL BE STORED IN OUR N-18 SWD STORAGE AREA. NORM WILL BE SHIPPED TO DISPOSAL  
IN ROLL OFF CONTAINERS.

Describe storage conditions. (Security, storage area construction, signs used and locations, etc.)

FENCED WITH LOCKED GATES. RADIATION STORAGE AREA SIGNS ON FENCE AND ALL GATES.  
LOCATION IS IN A REMOTE AREA.

Signature of Requester:

Date: 10-4-00