U.S.EPA - REGION 6
HAZARDOUS WASTE MANAGEMENT DIVISION
1445 ROSS AVENUE
DALLAS, TEXAS 75202-2733

TO: [redacted] - PHILIP SOLAND NM, HAZ & RADIOACT. MATERIALS BUREA	
FAX NUMBER: (505) 827 4389	PHONE NUMBER:
FROM: SHAWN GHOSE	
PHONE:	MAIL CODE: 6 HEO
OFFICE:	
DATE: 4/4/95	PAGES, INCLUDING COVER SHEET:

PLEASE NUMBER ALL PAGES

INFORMATION FOR SENDING FACSIMILE MESSAGES

EQUIPMENT	FACSIMILE NUMBER	VERIFICATION NUMBER
PANAFAX UF-766	(214) 655-6460	

COMMENTS:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

JAN 31 1995

Mr. Bill Moore
President
Rinchem Company, Inc.
6133 Edith Boulevard, NE
Albuquerque, NM 87107

Dear Mr. Moore:

The Environmental Protection Agency (EPA) has reevaluated the data for the Old Rinchem site (Site). Due to uncertainty regarding current contaminant concentrations at the Site, EPA has agreed to allow you to furnish additional data regarding the Site. This data will be used to determine if there is an actual risk to public health or the environment posed by the Site.

The details for the data Rinchem needs to submit are outlined in the enclosure. Rinchem will be permitted six months from the date of this letter to provide EPA the data. During that time EPA will take no further action related to investigating the site. If Rinchem does not provide the data within this amount of time, EPA may choose to proceed with efforts on the site. If the data indicates there is an unacceptable health or environmental risk posed by the site, EPA will proceed with the remedial investigation and feasibility study.

If you have any questions regarding this matter, please contact Shawn Ghose at (214) 665-6782.

Sincerely,

Sam Becker

Sam Becker, P.E., Chief
Superfund Enforcement Branch

Enclosure

cc: Marcy Leavitt (w/enclosure)
New Mexico Environment Department

ENCLOSURE

Monitor Wells

Two wells are needed to: 1) check for the possibility of chlorinated solvents in deeper parts of the of the Upper Santa Fe Group; 2) monitor the shallow part of the aquifer with a down gradient well outside Rinchem's premises.

Well No. 1 should be drilled in a downgradient location on the opposite side of Edith Boulevard. Approximate location is shown in the attached map (on the east side of Edith Boulevard and on the north side of the railroad tracks). The exact location will depend on the right of way and city regulations regarding how close to the street the well can be drilled. Based on the examination of shallow well data available in the immediate vicinity of Rinchem (RG 105, Southern Union Gas and RG 20754 on the Griegos/Comanche Rd) EPA anticipates a clay/shale/impervious layer somewhere between 140 to 200 feet. Well No. 1 should be drilled to the first clay/shale/impervious layer of greater than 5 feet thickness, below the water table. The total well depth need not exceed 250 feet i.e. if an impervious layer of greater than 5 feet is not found within 250 feet from the surface, the drilling can stop. The well should be logged with a gamma and porosity device. The drilling should stop once a layer of greater than five feet thickness of clay/shale/ impervious bed has been encountered. The well should be screened from the top of the impermeable layer to 20 feet upwards (i.e if clay layer is at 190 feet the screened interval should be 170 to 190 feet).

Well No. 2 should be drilled downgradient and outside Rinchem's premises. This well should be drilled to approximately same depth as the other monitoring wells at the site. The screened interval should be similar to other monitoring wells so that the data will be comparable. No geophysical log is required for this well, however a drillers log will be appreciated. Well No. 2 may be drilled adjacent to Well No. 1. The locations shown on the map are approximate and well locations may be interchanged between #1 and #2.

EPA and NMED should be informed one week prior to the start of drilling to provide an opportunity to the agencies to oversee the operation and to get agreement on the location chosen.

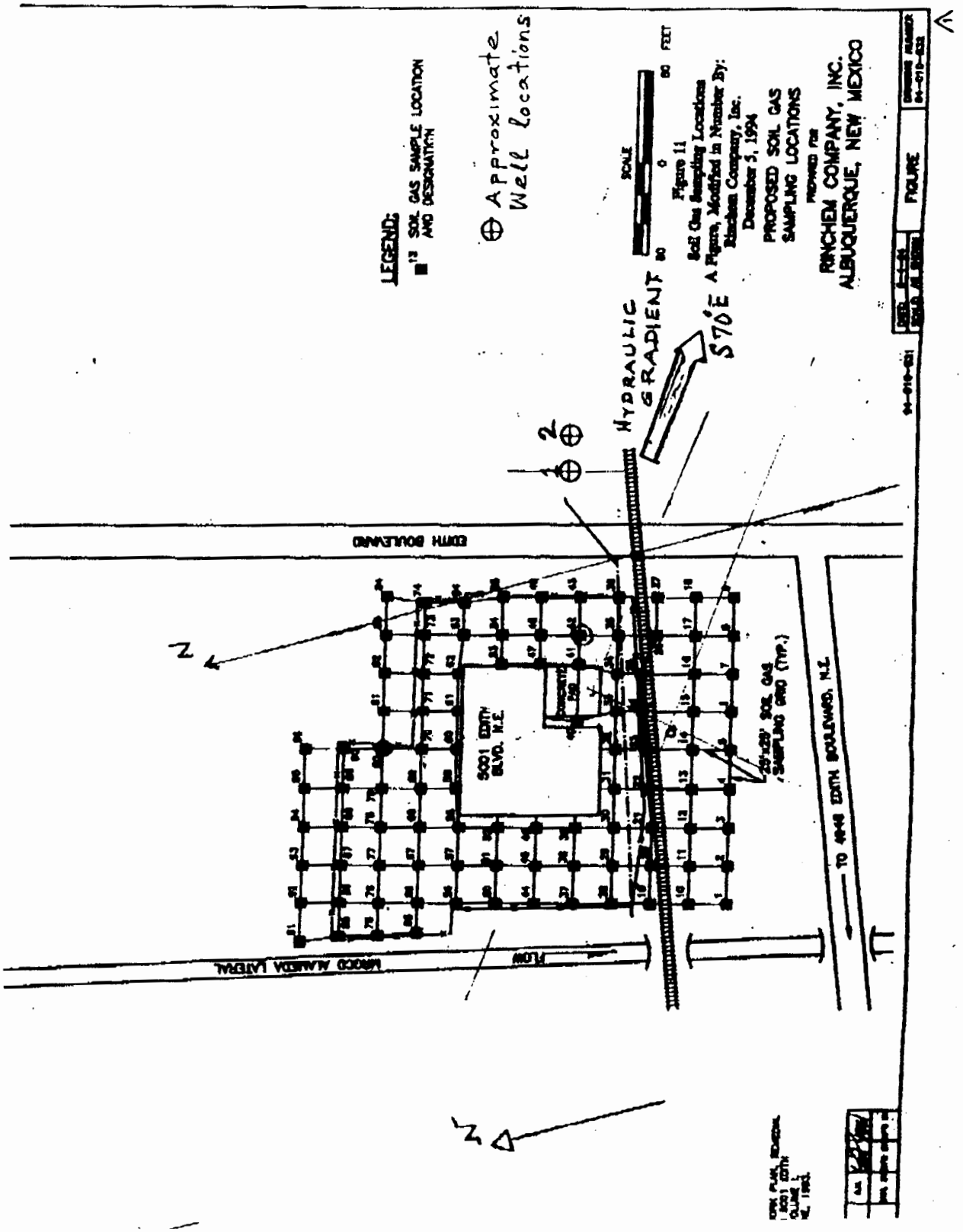
Sampling

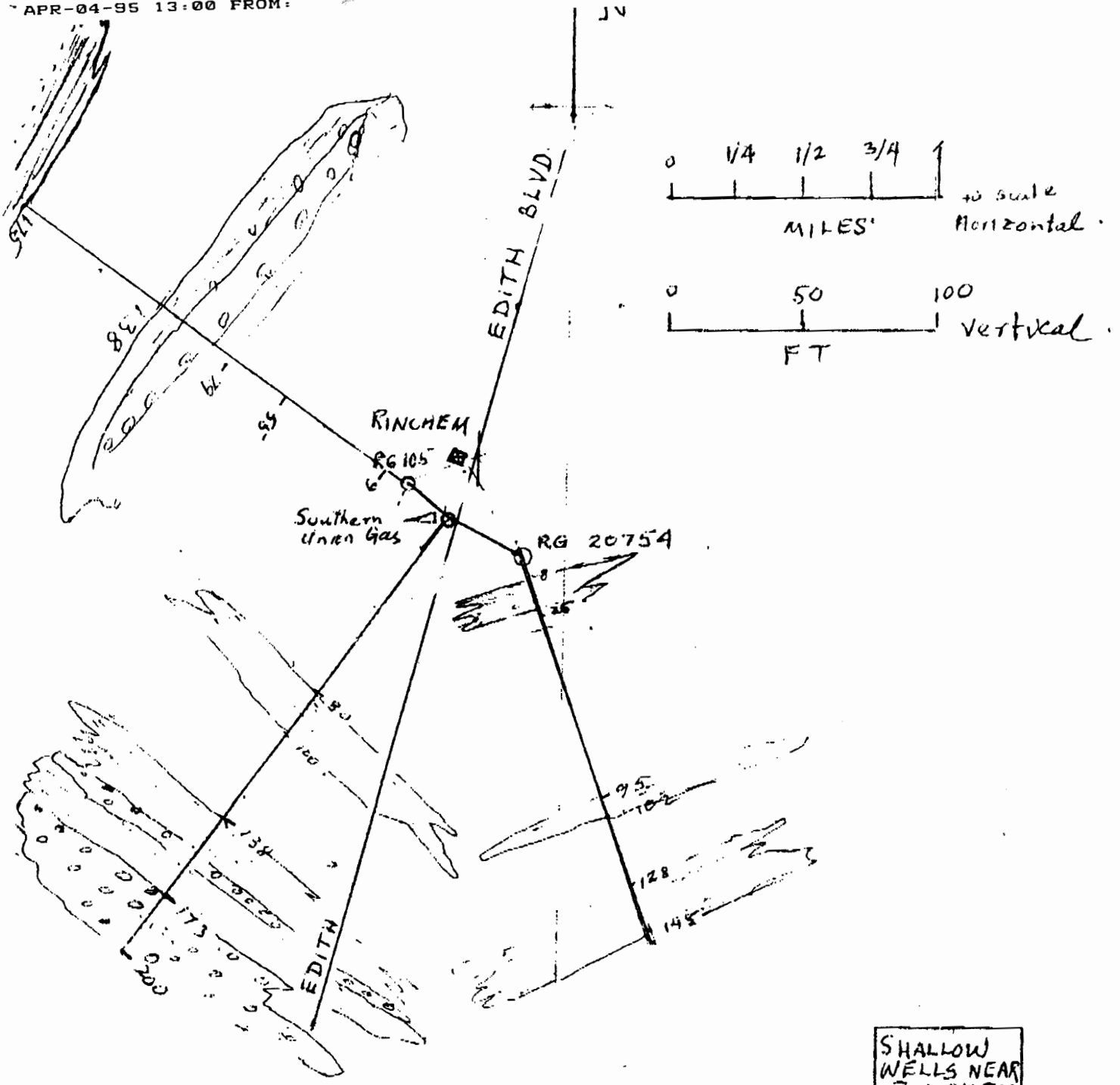
EPA notes that the Surface Soil Sampling by the following methods was completed on December 14, 1994.

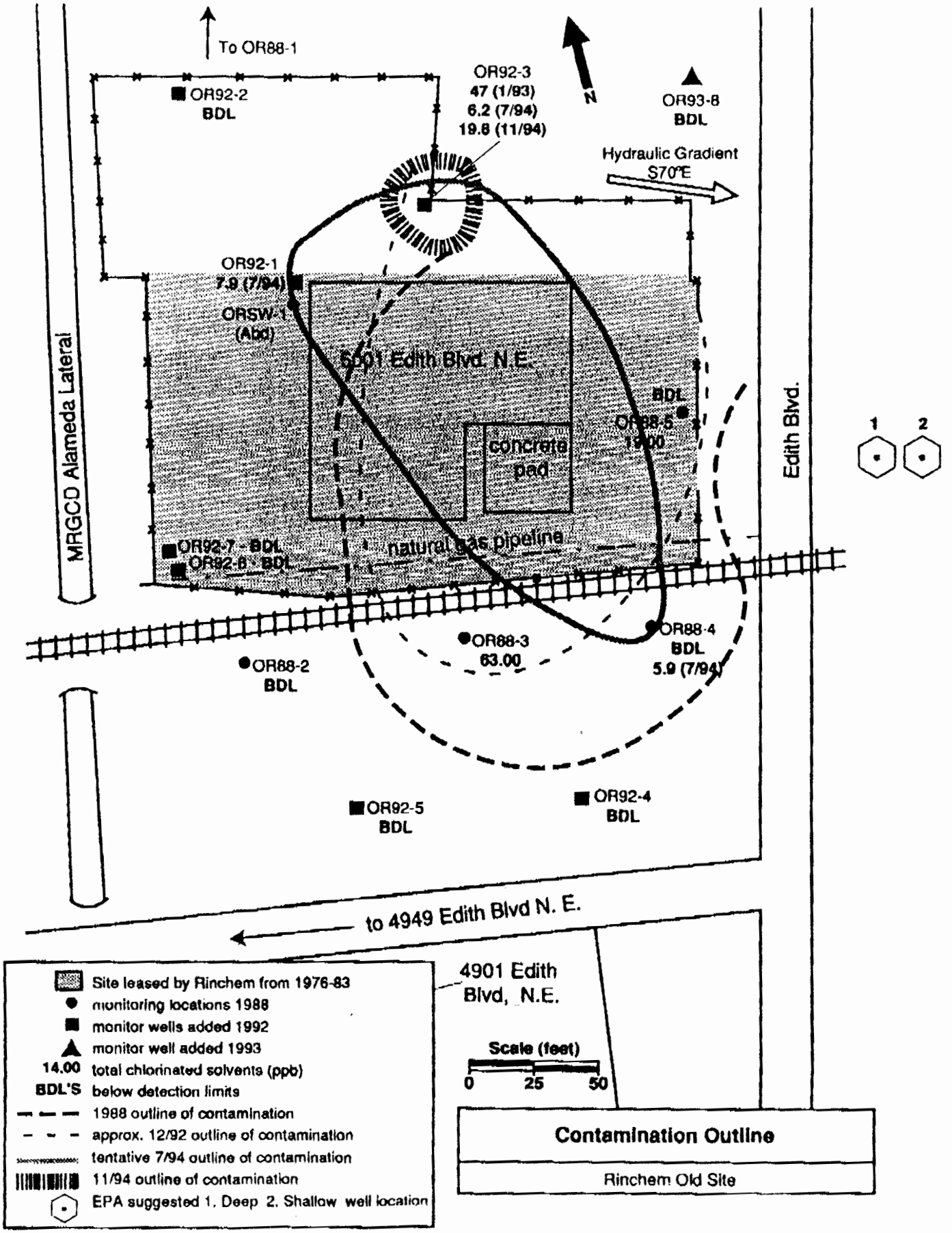
The surface soil samples analyzed by the following methods, using, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods

(SW 846), EPA Document:

- Method 8240A to determine **volatile organic compounds by GC/MS;**
- Method 8270A to determine **semi-volatile organic compounds by GC/MS;**
- Method 6010A to determine **metals by ICP.**


LEGEND:
SOIL GAS SAMPLE LOCATION AND DESIGNATION
Approximate Well locations
SCALE
0
80 FEET
Figure 11
Soil Gas Sampling Locations
A Figure, Modified in Number By:
Rincon Company, Inc.
December 5, 1994
PROPOSED SOIL GAS SAMPLING LOCATIONS
PREPARED FOR
RINCHEM COMPANY, INC.
ALBUQUERQUE, NEW MEXICO
FIGURE
HYDRAULIC GRADIENT
S70°E
EDITH BOULEVARD
5001 EDITH BLVD. N.E.
TO 4648 EDITH BOULEVARD, N.E.
SOIL GAS SAMPLING GRID (TYP.)
NORTH


JV
EDITH BLVD.
0 1/4 1/2 3/4 1
MILES
to scale Horizontal.
0 50 100
FT
Vertical.
RINCHEM
RG 105
Southern Union Gas
RG 20754
EDITH
SHALLOW WELLS NEAR RINCHEM
CLAY/SHALE
SAND OR GRAVEL


To OR88-1
OR92-2
BDL
OR92-3
47 (1/93)
6.2 (7/94)
19.8 (11/94)
N
OR93-8
BDL
Hydraulic Gradient
S70°E
OR92-1
7.9 (7/94)
ORSW-1
(Abd)
5901 Edith Blvd. N.E.
concrete pad
BDL
OR88-5
19.00
MRGCD Alameda Lateral
Edith Blvd.
1
2
OR92-7 - BDL
OR92-8 - BDL
natural gas pipeline
OR88-3
63.00
OR88-4
BDL
5.9 (7/94)
OR88-2
BDL
OR92-5
BDL
OR92-4
BDL
to 4949 Edith Blvd N. E.
Site leased by Rinchem from 1976-83
monitoring locations 1988
monitor wells added 1992
monitor well added 1993
14.00 total chlorinated solvents (ppb)
BDL'S below detection limits
1988 outline of contamination
approx. 12/92 outline of contamination
tentative 7/94 outline of contamination
11/94 outline of contamination
EPA suggested 1. Deep 2. Shallow well location
4901 Edith Blvd, N.E.
Scale (feet)
0 25 50
Contamination Outline
Rinchem Old Site