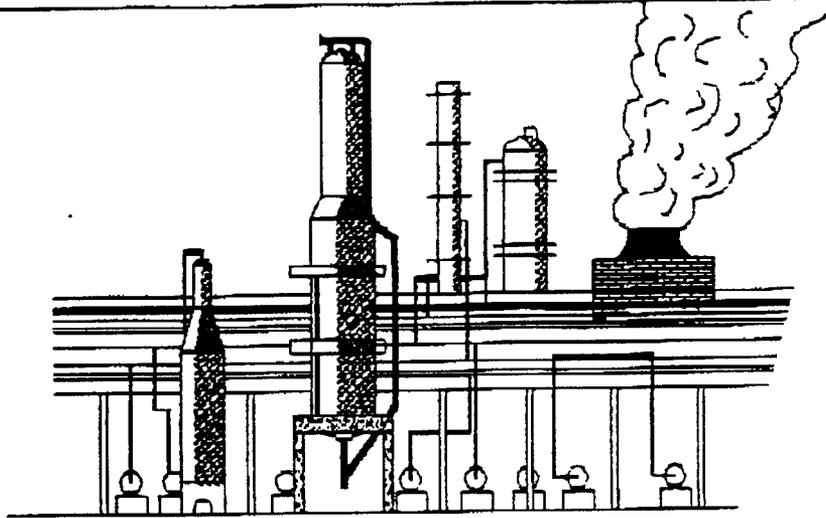


GRC 3



Jane's  
pls review  
for discussion  
10 AM  
Benito



Jane's  
copy  
audited  
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copy in  
sep. file  
idea in  
GRC  
hanging  
file  
pendaflex

FROM:  
GIANT REFINING COMPANY  
RT 3 BOX 7  
GALLUP, NEW MEXICO

TO: Benito Garcia  
NUMBER: 827-4361  
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DATE: 6-1-93      TIME: 16:20

FILE RE: \_\_\_\_\_

COMMENTS: Here's the section specifically on number of borings,  
number of samples, analysis etc. We would like to make  
sure the plan is adequate before next meeting.  
when the field activities are scheduled to start.

RETURN

DO NOT RETURN

Thanks,  
Zike

## 10.0 EXPLANATION OF SAMPLE POINTS

### 10.1 Sample Location Criteria

Proposed sample points were selected to best characterize the potential of migration of contamination beneath the treatment zone. The areas of interest were selected, Figure 1, on the basis of concentration of application (yellow area on drawing) and because of pooling of water due to accumulation of precipitation during the winter months that eventually require management activities (pink area on drawing). Giant feels that these two areas pose the greatest possibility of migration. Two additional sample points were selected to augment the other selections within cells one and two of the land treatment unit. This brings the total number of samples in the LTU to 20.

Two sample points were selected within the background plot adjacent to the land treatment unit, Figure 2. These samples will be collected in the same manner and to the same interval and depth as the samples in the land treatment area and will be used as a benchmark for comparing analytical data.

### 10.2 Sample Identification Numbering System

The sample identification numbering system (SINS) is a continuation of the system used in the initial characterization program during July, 1992. Those samples were numbered BTZ-C 1 through BTZ-C 8. Each sample number included a code number or letter attached to the end to identify the type of sample. Since all samples in 1992 were the same depth interval, no distinction was made for depth.

Sample numbers for the June, 1993 sampling event will include an additional number denoting depth. An example of a sample identification number would be:

BTZ-C - 11 - 5.0 - D  
(1)      (2)    (3)    (4)

- 1) Below Treatment Zone Characterization
  - 2) Sample Number
  - 3) Depth in Feet
  - 4) D - Duplicate  
E - Equipment Wash
- If no letter appears here, it is the original sample

### 10.3 Sample Depth Intervals

At each sample point, samples will be collected at specific depths below the original soil surface of the land treatment

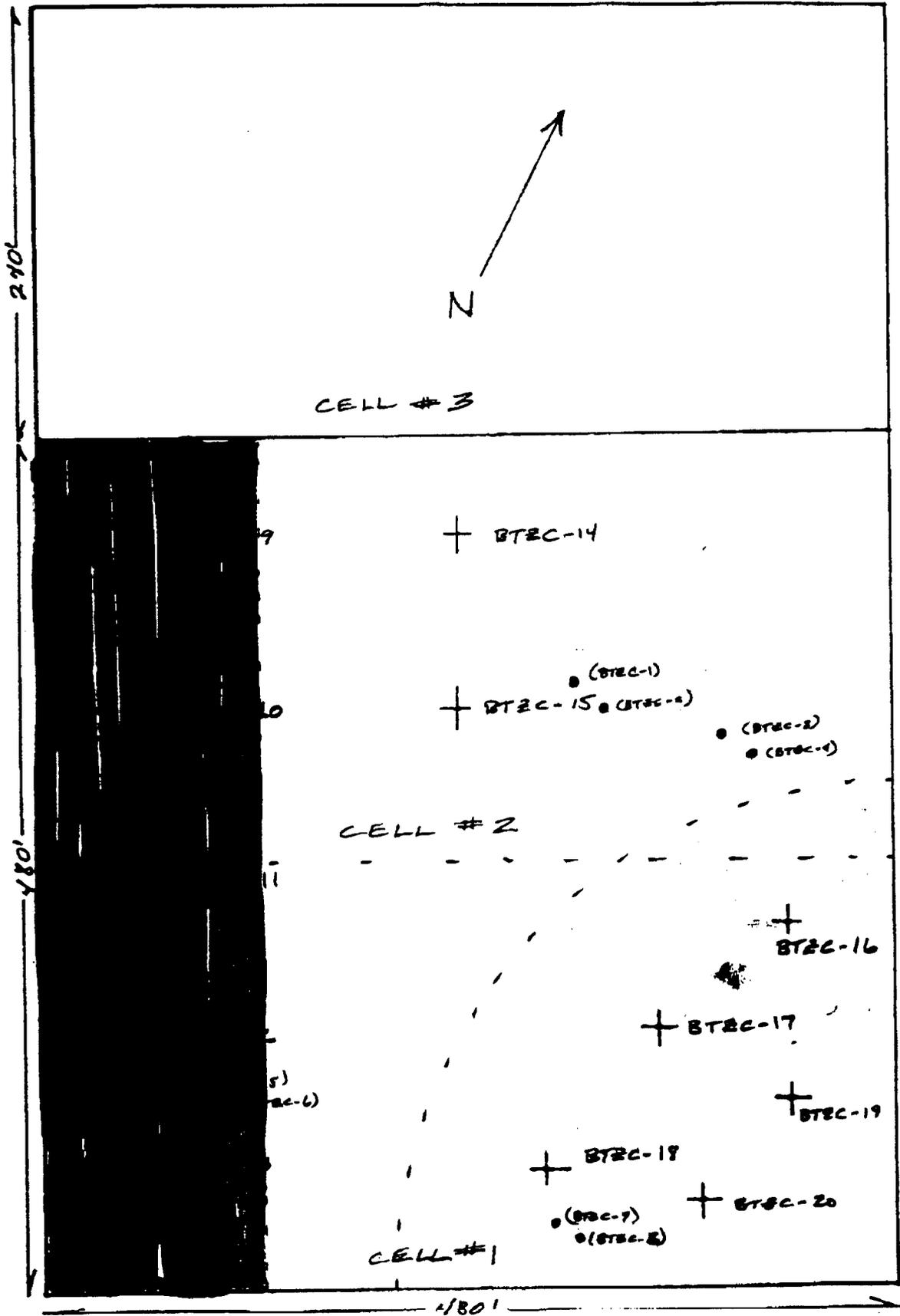
area. The interval and constituents of each sample point are as follows:

	Borehole
Existing soil surface	
Original soil surface	
5.0' Chromium, Lead	
7.5' Chromium, Lead Modified Appendix IX Volatile and Semi-Volatiles	
10.0' Chromium, Lead	
15.0' Chromium, Lead	
20.0' Chromium, Lead	
25.0' Chromium, Lead	
30.0' Chromium, Lead	

**FIGURE 1**

# LAND TREATMENT UNIT

22-141 50 SHEETS  
22-142 100 SHEETS  
22-144 200 SHEETS

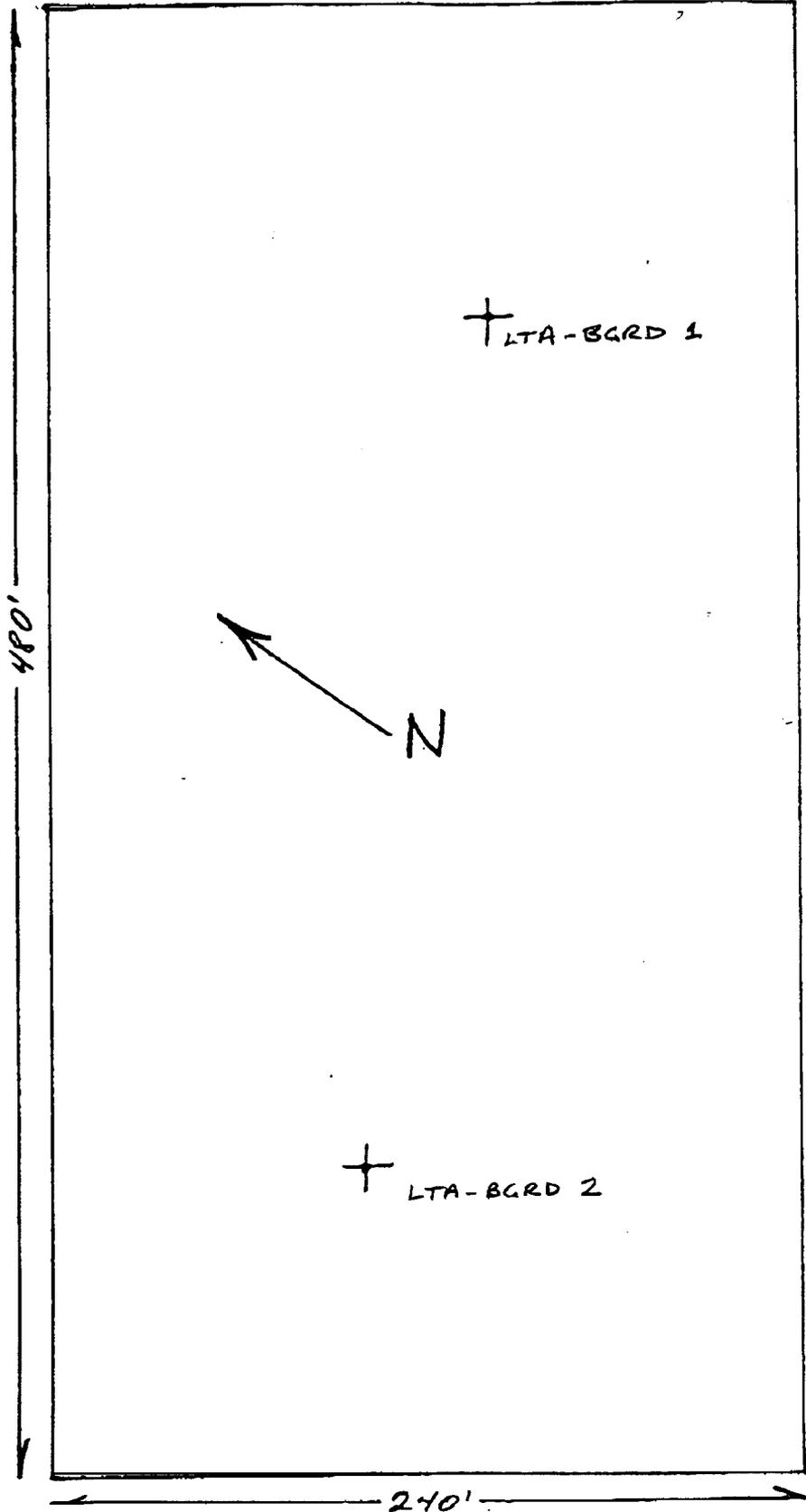


725-5-93

FIGURE 2

# LTV BACKGROUND PLOT

30 SHEETS  
100 SHEETS  
200 SHEETS  
22-141  
22-142  
22-144  
ASAP



725-5-75