

**STROTHER FIELD SUPERFUND SITE
COWLEY COUNTY, KANSAS**

**HISTORICAL DATA COMPILATION AND
EVALUATION
SUMMARY REPORT**

Site:	<u>Strother Field</u>
ID #	<u>KSD98086272</u>
Break:	<u>6.3</u>
Other:	<u>Allied</u>
	<u>10-17-97</u>

Prepared for:

GREIF BROS. CORPORATION

Prepared by:

**ALLIED
ENVIRONMENTAL
CONSULTANTS, INC.**

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1. INTRODUCTION

Allied Environmental Consultants, Inc. (AEC) has been authorized by Greif Bros. Corporation (Greif) to research, evaluate, and document known source areas and contamination at the Site from a historical perspective. This information will be used to make recommendations regarding the implementation of the remedial actions required by the U.S. Environmental Protection Agency (EPA).

Strother Field Industrial Park is located in Sections 18 and 19, Township 33 South and Range 4 East of the 6th Principle Meridian in Cowley County, Kansas (Figure 1-1). The site was originally developed in 1940 as a municipal airport by the cities of Arkansas City and Winfield, Kansas (Cities). In 1942, the U.S. Army Air Force leased the site from the Cities, and constructed an air base for the purpose of operating a Flight Training School and Fighter Wing Base, with a 4th Echelon Aircraft Maintenance Center. The Army Air Force returned the site to the Cities control in 1946, and the site soon developed into an industrial park. In 1966, the cities established the Strother Field Commission to manage the industrial park.

In August, 1982, the Kansas Department of Health & Environment (KDHE) discovered volatile organic compounds (VOCs) in the water supply wells at the site. The discovery prompted numerous investigations during the ensuing years, including an EPA-mandated Remedial Investigation (RI) in 1991 and the on-going Remedial Design/Remedial Action (RD/RA). The Strother Field Site (Site) was officially added to the National Priorities List (NPL) in May, 1986. The studies conducted at the Site have resulted in the establishment of an extensive monitoring system. Although many samples have been collected and analyzed over the years, there has been no compilation and evaluation of the complete data set.

Given the scope of the project and the nature of the available data, several tasks were required to complete this objective:

- Review the available information to evaluate the monitoring wells and other sampling points to verify the Site geology and monitoring system.
- Review the available information to evaluate water level readings and the many existing surveys to establish the piezometric surface through time.
- Review the available information to locate and verify water chemical analyses, and summarize the existing groundwater analyses for the entire Site through time.
- Review the available information to locate and verify soil chemical analyses, and summarize the existing soils conditions for the entire Site through time.
- Define source areas based on the available data.

This scope of work required an extensive review of available reports and historical data, and the compilation of this information into a usable and verifiable data set upon which to base this evaluation, as described in the following sections.

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2. SITE-WIDE INFORMATION REVIEW

2.1 PREVIOUS REPORTS AND HISTORICAL RECORDS

Previous soil and ground water investigations and historical information have been reviewed during this evaluation. Potential source areas and available data have been identified through review of these documents. These include (in chronological order):

1. Ground Water Survey, Strother Field Airport and Industrial Park, 1965, Layne-Western Company
2. Report on Preliminary Problem Assessment and Abatement Guidelines for Strother Field Industrial Park Groundwater Contamination Investigation, KDHE, June, 1983
3. Strother Field Study, KDHE, March, 1984
4. Ground-Water Quality Conditions at the Strother Field Industrial Park, July, 1984, Geraghty & Miller, Inc.
5. Results of a Hydrogeological Investigation at the Cessna Aircraft Plant, Strother Field, Arkansas City, Kansas, Geraghty & Miller, April, 1985
6. Long-term Remedial Program at the GE Engine Test Cell, Strother Field, Kansas, General Electric, October, 1985
7. KDHE Analytical Laboratory Reports for Selected Monitoring Wells at Strother Field, August, 1986
8. Hydrogeologic and Ground Water Contamination Investigation, Strother Field Site, July, 1987, Woodward-Clyde Consultants
9. Reports of Groundwater Monitoring Well Installation, October 21, 1988, Professional Engineering Consultants, P.A.
10. Report for the Remedial Investigation, Strother Field, May, 1992, Donley Environmental Management, Inc.
11. Report for the Feasibility Study, Strother Field, July, 1993, Donley Environmental Management, Inc.
12. Environmental Site Assessment, Greif Brothers Strother Field Facility, January, 1994, Allied Environmental Consultants, Inc.
13. Record of Decision, Strother Field Industrial Park Superfund Site, March, 1994, USEPA
14. Third Quarter Sampling of the Ground Water Monitoring System, Greif Bros. Strother Field Facility, August, 1994, Allied Environmental Consultants, Inc.
15. Unilateral Administrative Order for the RD/RA, Strother Field Industrial Park Superfund Site, September, 1994, USEPA
16. Strother Field Geotechnical Investigation, Allied Environmental Consultants, Inc., January, 1996
17. RTDF Data Collection, Strother Field Superfund Site, March, 1996, Allied Environmental Consultants, Inc.
18. Northeast Corner Soils Characterization, Greif Bros. Corporation Strother Field Facility, July, 1996, Allied Environmental Consultants, Inc.
19. Piezometer Installation and Data Collection, Strother Field, Allied Environmental Consultants, Inc., October, 1996
20. Water Level Data Collection, Strother Field, Allied Environmental Consultants, Inc., November, 1996
21. Monitoring Well (ST) Installation, Strother Field, Allied Environmental Consultants, Inc., April, 1997
22. ST Well Sampling, Strother Field, Allied Environmental Consultants, Inc., June, 1997
23. Preliminary Draft Report, Use of TCE at Strother Army Air Field, 1942-1946, PHR Environmental Consultants, Inc., June, 1997.
24. RTDF Bioremediation Consortium Soil and Ground Water Analytical Results, July, 1997.

2.2 DOCUMENT REVIEW

Ground Water Survey, Strother Field Airport and Industrial Park, 1965, Layne-Western Company:

The investigation was conducted for the Strother Field Commission in order to determine the quantity and quality of ground water at the Strother Field Site. Twenty-five test holes and four test wells were drilled and electric-logged by Layne. The test wells and an existing supply well were test pumped to provide data on the aquifer characteristics. Layne concluded that a well field with an average annual yield of approximately 1,440 acre-feet of ground water could be developed with the installation of twelve production wells pumped at 150 gallons per minute, 12 hours per day. Information regarding aquifer properties is available in this document.

Report on Preliminary Problem Assessment and Abatement Guidelines for Strother Field Industrial Park Groundwater Contamination Investigation, KDHE, June, 1983: Two inactive solid waste disposal sites were discussed. The north dump site was reportedly closed in 1975. The south dump site, located near the waste water treatment plant, reportedly closed in the early 1970's. The KDHE indicated that both sites were likely used for disposal of industrial wastes. The report did not clarify the exact locations of the dumps, either by description or site drawings.

Analyses of groundwater samples collected at selected water supply wells (SFW Series) by the KDHE in May, 1983, identified chlorinated solvents in the water supply. The KDHE recommended that the water supply wells be discontinued for the purpose of providing drinking water, but allowed the SFW wells to be used for industrial purposes. The Strother Field Commission subsequently installed a second well field along the west and north boundaries of the site. The KDHE also recommended that the Commission undertake a thorough investigation to determine the likely source areas and extent of contamination at the site, including the installation of a monitoring well network. Monitoring wells MW-1 through MW-6 were subsequently installed in September, 1983.

Analytical results for the SFW wells were tabulated in the report, however, no laboratory reports are available. A more complete table of analytical results was found in the Geraghty & Miller report from July, 1984.

Strother Field Study, KDHE, March, 1984: During this study, KDHE installed 13 test holes (AG Series) in October and November, 1983. KDHE also sampled four GE monitoring wells near the GE main facility (GT Series) and six Strother Field monitoring wells (MW-1 through MW-6) at various times from September through December 1983.

KDHE determined that the primary source of groundwater contamination was the GE Test Cell and the pumping influence of the Strother Field supply wells (SFW Series). They found no evidence to indicate contribution of contaminants from either the north or south landfills. The KDHE also found constituents in the groundwater at the former chrome wastewater pond area at the central GE plant and at the Peabody Gordon-Piatt site at the southern-most end of the Site. The KDHE proposed that the contamination at these two sites was the result of migration from the northern portion of the field. They did note an anomaly at the Gordon-Piatt site. The presence of PCE could not be attributed to the GE Test Cell and KDHE recommended further study to determine the source area.

The KDHE determined that there was no threat to the rural water district supply wells (RFW Series) due to the pumping influence of SFW 8 and 9. The report also stated that SFW 1, 8, and 9 were the most consistently pumped wells in the field. In addition, although trace contaminants were detected in private wells at Hackney, concentrations did not exceed the EPA short and long term exposure criteria. The KDHE recommended the further pumping of SFW-8 until an alternative remedial system could be implemented. KDHE found that the majority of the TCE stored on site was at the GE central facility in above-ground tanks, and that the majority of PCE and 1,1,1-TCA storage occurred at the Greif Bros. Facility. KDHE also noted that Halliburton, Gordon-Piatt, and Range Oil have used chlorinated solvents. KDHE recommended a complete hazardous waste survey for all Site occupants.

No laboratory reports, water level measurements, or well completion data is included with this report. Chemical results are hand-plotted on site maps. A more complete table of analytical results was found in a Geraghty & Miller Report dated July, 1984.

Ground-Water Quality Conditions at the Strother Field Industrial Park, Geraghty & Miller, July, 1984: Geraghty & Miller installed and sampled ten new monitoring wells during the investigation (DM-5 through DM-14). The report, prepared on behalf of General Electric, identified the North Landfill; Test Cell Area; one or more sources in the G.E. Operating and Maintenance Area; and the alleged Phantom Dump Area as potential source areas.

Well construction details and a table of analytical results are included with the report. The analytical summary table includes multiple sampling results of selected wells by various entities from 1982 to 1984.

Results of a Hydrogeological Investigation at the Cessna Aircraft Plant, Strother Field, Arkansas City, Kansas, Geraghty & Miller, April, 1985: The investigation included the installation and sampling of 18 monitoring wells (CMW Series). Well construction details, water level measurements, and laboratory analyses are available in this report for selected wells.

Geraghty & Miller did not submit soil samples for VOC analyses but did use an Organic Vapor Analyzer (OVA) to field screen drill cuttings. They detected no VOC vapors in the soils at any of the monitoring well locations. Geraghty & Miller concluded that no major contamination problem existed at the site. The four "hot spots" detected in the ground water were believed to be limited in aerial extent.

Long-term Remedial Program at the General Electric Test Cell, Strother Field, Kansas, October, 1985: The program included a hydrogeological study conducted by Geraghty & Miller for G.E. The objective of the study was to collect data to prepare and implement a remedial plan for ground water contamination at the G.E. Test Cell area. G.E. installed (or accessed) 43 monitoring wells and 116 borings, conducted an air-stripper test, and designed a pilot testing program for a remedial withdrawal well. G.E. collected 136 ground water samples near the test cell, five samples from adjacent areas, and seventeen samples from wells in and south of Hackney. Ground water levels were also collected throughout the site.

G.E. concluded that a narrow, northwest-southeast oriented plume of ground water contamination (VOCs) occurred between the test cell and supply wells SFW-2 and SFW-3. Pumpage of the supply wells prevented off-site movement of the plume and continued pumping of SFW-2 would eventually remove the contaminants. Additional remediation will be accomplished by installing and operating another withdrawal well closer to the source (REM-1). The pilot test indicated that flow rates of 50-75 gpm for REM-1 and 125 gpm for SFW-2 would be sufficient. G.E. also recommended pumping SFW-8 to stabilize ground water flow patterns in the southern portion of the field. Air strippers were subsequently installed at SFW-2, SFW-8, and REM-1.

Water level data and analytical summary tables for the period from 1982 through 1985 are included with the report; however, no laboratory reports were available.

KDHE Analytical Laboratory Reports for Selected Monitoring Wells at Strother Field, August, 1986: This set of laboratory reports was compiled by the KDHE during a site-wide sampling event in 1986. The reports were apparently not included in any titled report, and did not include water level measurement data.

Hydrogeologic and Ground Water Contamination Investigation, Woodward-Clyde Consultants, July, 1987: The report states that ground water and soil contamination by VOCs has been confirmed by results of a series of ground water sampling and analysis events and a soil gas survey. Woodward-Clyde based this conclusion on previous sampling investigations; they did not collect additional samples for this study. However, they did have a Soil Gas survey performed by Tracer Research. A total of 24 VOCs were found in the ground water, with the major contaminants identified as TCE, TCA, and DCE. Four potential source areas were identified, as discussed below:

1. North Area, including the G.E. Test Cell area. Other possible sources include the north landfill, "phantom dump", and Struther Thermo-Flood.
2. Central Area, including the G.E. main complex in the central portion of the site was noted to contain a number of closely-spaced source areas. Based on soil gas TCE, TCA, and DCE concentrations, two areas west of the main G.E. building have been, and are contributing to, ground water contamination. Other source areas could exist, particularly in the northern part of the site near Struther Thermo-Flood (TCE in monitoring wells DM-13&14).
3. South-central Area, including Cessna, Greif Bros., and Gordon-Piatt.
4. The Hackney COOP (carbon tetrachloride).

The majority of the Woodward-Clyde report was devoted to groundwater modeling scenarios.

Report of Groundwater Monitoring Well Installation October 21, 1988, Professional Engineering Consultants, P.A.: On July 28 and 29, 1988, GGP1, GGP2, and GGP3 were installed. The report prepared by Professional Engineering Consultants, P.A. (PEC) concluded that groundwater flow was northeast, towards SFW8. TCE was encountered in GGP1. TCE, PCE, 1,1 DCE, and 1,2 DCE were encountered in GGP2. TCE and PCE were encountered in GGP3. PEC concluded that there was a TCE source south of GGP1.

Report for the Remedial Investigation, Strother Field, Donley Environmental Management, May, 1992: In early 1990, GE entered into an agreement with KDHE to conduct a formal Remedial Investigation and Feasibility Study (RI/FS). The RI was conducted by Donley, and was to consolidate, review, and evaluate the work of previous investigators, then to confirm these results and fill any gaps in our current knowledge of the Site.

The first task of the RI was to examine the available data and develop a strategy to locate source areas. Donley identified 11 potential on-site source areas based on their proximity to known areas of contamination, as well as historical information about chemical and waste management practices. In each of the areas on Strother Field, Donley conducted a soil gas survey to locate zones of elevated VOCs, followed by the collection and analyses of soil samples from the vertical zone which exhibited the highest concentration of VOCs.

Unfortunately, the soil gas survey was not extremely effective in defining groundwater plumes and source areas. The groundwater sampling did not include all wells, or define the conditions in the upper and lower portions of the aquifer. However, the work did meet the minimum requirement for a Remedial Investigation.

Donley compared these results to historical records of past chemical-use practices. From north to south, these source areas included:

Northern Ground-Water Plume:

- ♦ the Commission's inactive north landfill,
- ♦ the ditch located north of GE's north test cell, and
- ♦ the alleged phantom dump.

North-Central Ground-Water Plume:

- ♦ two former drum storage areas and a loading area at Struthers Thermo-Flood.

Central Ground-Water Plume:

- ♦ former discharge lines from GE's hangar building 9, and
- ♦ GE's former solvent tank and supply lines to the former vapor degreaser at building 5.

Southern Ground-Water Plume:

- ♦ Greif Brothers' paint waste treatment operation,
- ♦ Greif Brothers' loading dock,
- ♦ Greif Brothers' degreasing operations and associated solvent storage tank,
- ♦ Gordon Piatt's property, and
- ♦ the Commission's inactive south landfill.

According to Donley, the ground-water data showed five distinct plumes of VOCs, as indicated above. The major constituents in the north, and north-central plumes were TCE, TCA, and their degradation products. The major constituents in the southern plume were PCE, TCA, TCE, and their degradation products.

Ground water analytical results, soil gas analyses and water level measurements were collected during the RI investigation.

Report for the Feasibility Study, Strother Field, July, 1993, Donley Environmental Management, Inc.: The Feasibility Study (FS) was prepared in association with the Remedial Investigation (1991) and included the following items: the General Response Actions for the Site; the processes used to develop and screen technology options and site-wide Remedial Alternatives; Applicable or Relevant and Appropriate Requirements (ARARs); and a detailed analysis of the approved Remedial Alternatives. The RI and FS reports were reviewed by the USEPA, and used to select the final remedial action as documented in the Record of Decision.

Environmental Site Assessment, Greif Bros. Strother Field Facility, Allied Environmental Consultants, Inc., January, 1994: During the investigation, twenty soil borings (16 outside and 4 inside) the Greif facility were installed. Two monitoring wells, GB1 and GB2 were installed west and south of the plant. Soil samples were collected for both on-site and analytical laboratory analyses. The analytical results indicate that there are two contaminants which exceed the Target Cleanup Levels (TCL) for soils proposed by the United State Environmental Protection Agency (USEPA) in the Record of Decision (ROD).

Elevated PCE concentrations were found in the 5-10 foot and 10-15 foot intervals in a boring placed at the northeast corner of the Greif facility. Elevated Toluene concentrations were found in the 10-15 foot and 15-20 foot intervals in a boring placed at the northwest corner of the Greif facility. No contaminants were found in groundwater samples from GB1 and GB2.

Record of Decision, Strother Field Industrial Park Superfund Site, March, 1994, USEPA: The remedy selected by the USEPA (with the approval of the KDHE) included the following components:

1. Enhancement of the existing ground water extraction and treatment system by changing the location of one existing withdrawal well and converting three existing monitoring wells to extraction wells with dedicated air strippers.
2. Monitoring the ground water treatment system and the ground water contaminant plume throughout the remedial period.
3. Performing a soil vapor extraction (SVE) pilot study to determine the feasibility of SVE technology to remediate subsurface soil contamination.
4. Monitoring of the SVE system to determine performance and to establish maximum attainable goals.
5. Monitoring air emissions from the ground water treatment system and SVE system to ensure worker health and safety and to determine if additional treatment of emissions is necessary.

Third Quarter Sampling of the Ground Water Monitoring System, Greif Bros. Strother Field Facility, August, 1994, Allied Environmental Consultants, Inc.: This report summarized the quarterly sampling events conducted at the Greif facility in February, April, and August 1994. Eight monitoring wells were sampled and analyzed during the quarterly sampling events, including GGP-1, GGP-2, GGP-3, RI-8, MW-4A, MW-4B, MW-10A, and MW-GB2. The data was collected in order to augment conclusions presented in the RI Report concerning the ground water contaminant concentrations and the piezometric surface in the vicinity of the Greif facility.

Unilateral Administrative Order for the RD/RA, Strother Field Industrial Park Superfund Site, September, 1994, USEPA: The Order was issued by the USEPA to direct the PRPs to perform the remedial design as specified in the ROD and to implement the design by performing the prescribed remedial action. The PRPs were identified as the Cities of Arkansas City and Winfield, Energy Plus, General Electric, Gordon-Piatt Energy Group, Greif Bros. Corporation, Montgomery Elevator, Strother Field Commission, and Struthers Thermo-Flood.

Strother Field Geotechnical Investigation, Allied Environmental Consultants, Inc., January, 1996: The study was authorized by the PRP Group to provide additional information concerning the subsurface soil conditions near the proposed soil remediation areas, including the northeast and northwest corners of the Greif facility and two locations along the east side of GE Building 5. The information was used to evaluate several potential remedial techniques, including soil vapor extraction and bioremediation.

Shelby tube samples were collected at the four locations and submitted to a geotechnical laboratory. Test parameters, with the range of results in parentheses, are as follows: moisture content (21.9 to 26.1%), hydraulic conductivity (2.6×10^{-7} to 9.6×10^{-9} cm/sec), density (98.1 to 106.1 pcf), and void ratio (0.589 to 0.718).

RTDF Data Collection, Strother Field Superfund Site, Allied Environmental Consultants, Inc., March, 1996: A limited soil vapor extraction (SVE) pilot study was conducted at the Site to determine air permeability properties of the in-situ silty clay soils. A portable extraction system utilizing a rotary vane-type vacuum pump was employed near the northwest corner of the Greif facility for a 6-hour test under varying vacuum rates. Results of the study indicate a negligible flow rate of 2-6 cfm. A limited SVE pilot study was also conducted near the G.E. Test Cell with similar results.

Northeast Corner Soils Characterization, Greif Bros. Strother Field Facility, Allied Environmental Consultants, Inc., July, 1996: The data collected during this investigation was used to define how much soil (vertically and horizontally) would have to be removed or treated, should a remedial action be contemplated. During the investigation, some soil samples were analyzed using field analytical equipment, with verification of selected samples at certified analytical laboratories. Data was reviewed and mapped for the three primary constituents of concern at each 5-foot interval using the laboratory data.

Piezometer Installation and Data Collection, Strother Field, Allied Environmental Consultants, Inc., October, 1996: The project was authorized by the PRP Group and included the installation of eleven piezometers along the east side of the Site. Following the installation of the piezometers, ground water levels were collected throughout the Site in order to map the piezometric surface and demonstrate hydraulic containment at the Site.

Water Level Data Collection, Strother Field, Allied Environmental Consultants, Inc., November, 1996: During this project, water levels were collected throughout the site in order to determine the piezometric surface.

Monitoring Well (ST) Installation, Strother Field, Allied Environmental Consultants, Inc., April, 1997: The PRP Group authorized the installation of three stainless steel monitoring wells along the east side of the Site to provide additional sampling points and to demonstrate containment at the Site. Stainless steel materials were utilized to address the concern that vinyl chloride concentrations detected in the ground water may be attributable in part to deterioration of PVC well materials. During this project, water levels were again collected throughout the site in order to determine the piezometric surface.

ST Well Sampling, Strother Field, Allied Environmental Consultants, Inc., June, 1997: During this project, the three recently installed stainless steel monitoring wells were purged (using a micro-purge pump) and sampled at three distinct depths in each well (4, 10, and 18 feet below static water level). The method 8260 analyses found no concentrations of VOC constituents above laboratory detection limits in any of the wells.

Preliminary Draft Report, Use of TCE at Strother Army Air Field, 1942-1946, PHR Environmental Consultants, Inc., June, 1997: PHR investigated the historical use of TCE as a degreasing solvent by the Army at the Site from 1942 to 1944. The results of this investigation have been summarized in Section 2.3.1.

RTDF Bioremediation Consortium Soil and Ground Water Analytical Results, RTDF Consortium, July, 1997: The RTDF Bioremediation Consortium findings indicate a limited degradation of TCE to Dichloroethylene (DCE) in unamended and control treatments of microcosm studies. Microcosm treatments fed lactate, benzoate, propylene glycol + glutamic acid (PG+GA), and butyrate largely degraded to ethene. Molasses gave only partial dechlorination to a mixture of DCE and vinyl chloride (VC).

The report also stated that microbes present at the Site are capable of reductive dechlorination when stimulated with the addition of substrates such as lactate, benzoate, PG+GA, and butyrate. Repeated feedings of substrate and TCE to enrichment bottles with soil resulted in conversion of TCE to ethene in as little as two weeks. Liquid cultures capable of transforming TCE to ethene developed from enrichments fed acetate, lactate, and PG+GA.

Other findings indicate complete dehalogenation activity (TCE to ethene) was observed in a column containing soil from Strother Field in 130 to 170 days without inoculation. The Strother culture can tolerate and completely dehalogenate TCE at feed concentrations of at least 108 mg/L TCE.

2.3 SITE USE HISTORY

The site was originally developed in 1940 as a municipal airport by the cities of Arkansas City and Winfield, under the management of the Cities. The U.S. Army Air Force (Army) leased the site from the Cities, and operated a flight training school and fighter wing base with a fourth echelon aircraft maintenance center from 1942 to 1946. Following the Army's departure, the site was soon developed into an industrial park by the Cities.

A historical listing of Strother Field tenants, compiled by Donley Environmental Management (Donley) in the 1991 Remedial Investigation (RI) Report, has been re-produced as Table 2-1. Many of the tenants listed in Table 2-1 have been identified as potential contributors to the groundwater contamination.

These suspected potentially responsible parties (PRPs) have been identified primarily through the 1994 Unilateral Administrative Order (UAO) and the 1991 RI report. The UAO identified the following PRPs: City of Arkansas City, Kansas; City of Winfield, Kansas; Energy Plus, Inc.; General Electric Company; Gordon-Piatt Energy Group, Inc.; Greif Brothers Corporation; Montgomery Elevator Company; Strother Field Commission; and the Struthers Thermo-Flood Corporation. The RI Report identified the following PRPs: City of Arkansas City, Kansas; City of Winfield, Kansas; General Electric Company; Gordon-Piatt Energy Group, Inc.; Greif Brothers Corporation; Strother Field Commission; and the Struthers Thermo-Flood Corporation.

Brief descriptions of the histories and chemical usage practices of these occupants have been summarized in the following sections. Each of the areas discussed are shown on Figure 2-1, and are numbered from north to south. Based on the information found in other past reports, Cessna Aircraft, the Army, Halliburton, and Range Oil have been included.

2.3.1 U.S. Army Air Force

The US Army Air Force constructed an air base at the Strother Field municipal airport in 1942, which it operated as a basic flight training school and fighter wing base until 1945. The Army returned the field, with improvements, to the Cities in 1946. The Cities have since developed the site into the present industrial park.

US Army Air Force activities at the site included aircraft maintenance and support, as well as personnel housing and recreation. The majority of the Army's industrial activities were centered around the aircraft parking apron and the area south of the present General Electric facility. The central part of the field was used for hangars, barracks, classrooms, and offices. The land to the south, including the present Greif Bros. property, was utilized for aircraft repair, hangars, vehicle maintenance, machine shops, and an ordinance depot. The main fuel depot was apparently located at the southwest corner of the field, west of the Greif Bros. site. The Army constructed the North Landfill (Area 1 on Figure 2-1) and the South Landfill (Area 27 on Figure 2-1) in 1942.

US Army Air Force chemical usage records have primarily been obtained from the "Preliminary Draft Report, Use of TCE at Strother Army Air Field, 1942-1946" prepared by PHR Environmental Consultants, Inc. The report includes copies of Army Air Force technical manuals which recommend the use of gasoline, kerosene, naphtha, mineral spirits, carbon tetrachloride, or trichloroethylene (TCE) for use in degreasing operations. Also included in the report are orders issued at Strother Field prohibiting use of gasoline and carbon tetrachloride as de-greasers due to health and safety considerations.

The structures which are suspected of containing chlorinated compounds are the Ordinance Area (Area 26 on Figure 2-1); the Base Engineering, Maintenance, and Inspection Building - also referred to as the Sub-Depot Hangar (Area 17 on Figure 2-1); the Base Engineering Shop (Area 18 on Figure 2-1); the Paint-O-Dope Building (Area 16 on Figure 2-1), and the Reclamation Yard (Area 15 on Figure 2-1) immediately to the northwest of the Paint-O Dope building. ~~Portable degreasing units were reportedly used in the flight line hangars, which have been incorporated into existing structures (Areas 7 and 12 on Figure 2-1).~~

The Army Air Force utilized three 12,000-gallon UST's for storage of "airplane oil". One 185,108-gallon AST was used to store 87-octane gasoline. One 25,108-gallon AST was used to store 91-octane gasoline. A portion of the 25,108-gallon tank was later partitioned to store 100-octane gasoline.

2.3.2 City of Arkansas City, Kansas; City of Winfield Kansas; and The Strother Field Commission

The Cities managed operations of the field beginning in 1940. When the Army deactivated the Site in 1946, the Cities resumed management. The Strother Field Commission (Commission) was formed in 1966 to manage the field. An area on the Commission's property known as the Phantom Dump (Area 3 on Figure 2-1) was reported from KDHE sources in a July, 1984 Geraghty & Miller report. This was also the location of the firing range, which may have been mistaken for a dump area. The existence of this dump has never been substantiated.

According to the RI Report, the South Landfill was used with the Commission's consent until 1971. The North Landfill was then re-opened and operated until 1975. There is evidence to suggest that the North Landfill was used through 1975, as well. The alleged Phantom Dump was reportedly used between 1957 and 1966.

2.3.3 General Electric Aircraft Engines

General Electric began operations at Strother Field in 1951, occupying a former Army hangar along the west-central portion of the site. The RI Report identified a degreaser which was used in the southwest corner of Building 5 (Area 11 on Figure 2-1), and later relocated to the northern portion of Building 5 (Area 10 on Figure 2-1). TCE, TCA and PCE were identified in these areas during the RI.

GE also operated an oil/water separator and waste oil tank located on the west side of Building 9 (Area 12 on Figure 2-1). 1,1-DCE and TCA were identified in this area during the RI.

The G.E. Jet Engine Test Cell (Area 2 on Figure 2-1) was constructed at the north end of the field in the late 1960's. In 1985, G.E. began leasing a 20 acre parcel of land to the south of their main facility that was previously occupied by Cessna Aircraft.

According to the RI Report, G.E. has used various chemicals for cleaning metal parts, stripping paint, and re-applying paint. Major chemical constituents have included 1,1,1-TCA; TCE; chlorofluorocarbons; methylene chloride; orthodichlorobenzene; sodium cresylate; BTXE; MEK; nitric acid; and alkaline salts. G.E. switched degreasing compounds from TCE to TCA in approximately 1983. G.E. is categorized as a large quantity generator of hazardous waste.

G.E. has utilized at least 12 UST's between 1960 and 1980 for the purpose of storing jet fuel and gasoline. From 1990 to 1991, G.E. removed the UST's under KDHE oversight and replaced them with ASTs.

2.3.4 Halliburton

Halliburton Services began operations at the Site in 1975, utilizing facilities at the northern end of the field that are presently occupied by Coon Concrete Products (Area 4 on Figure 2-1). The property is apparently directly east and adjacent to the former Phantom Dump area. Halliburton is an oilfield service company, engaging in drilling and production services.

Halliburton's operations at the site resulted in a classification as a small quantity generator of hazardous waste. According to the RI Report, the company acknowledged using small quantities of chlorinated hydrocarbon degreasing solvent. The waste solvent was reportedly disposed of by mixing with waste oil for off-site disposal by an outside contractor. Halliburton also utilized two 10,000-gallon USTs which were installed in 1977 for gasoline and diesel storage.

2.3.5 Range Oil

Range Oil began operations at Strother Field in 1977 at facilities situated at the north end of the field (Area 5 on Figure 2-1), directly east of the Halliburton property. Range Oil is also an oilfield service company, engaged in oil and gas exploration and oilfield supplies.

According to the RI Report, Range Oil has used a hydrocarbon degreasing solvent. The solvent (Stoddard Solvent) was stored in a 300-gallon above-ground storage tank (AST). Range Oil reportedly disposed of the waste solvent by dumping it on the ground along their fence lines. Range Oil has also utilized three 2,000-gallon USTs which were installed in 1977. One tank was used for diesel fuel storage and the other two for gasoline storage. The RI Report also noted that the facility was the site of eight fires during the period of 1982-1989, requiring the assistance of the local fire department. The 1984 KDHE report also stated that Range Oil utilized an underground concrete holding tank to contain wash water from their truck repair garage. The report did not specify the final disposal method for the wash water.

2.3.6 Struthers Thermo-Flood (Smith-Moon Steel, Strother Manufacturing, Energy Plus)

In 1951, Smith-Moon Steel Corporation occupied the facility at the north end of the field. In 1965, Smith-Moon was acquired by Struthers Wells Corporation and continued operations as Struthers Thermo-Flood, a subsidiary corporation. In 1987, Crown Anderson, Inc. purchased Struthers Thermo-Flood, which terminated operations in 1990, and was liquidated in bankruptcy in 1992. In 1994, Struthers-Wells filed for chapter 11 bankruptcy. In 1990, the buildings were leased to Strother Manufacturing, which subsequently vacated the site in 1991. In 1992, Energy Plus leased the site.

The various entities have manufactured process heaters, waste heat boilers, pressure vessels, and large heat exchangers. Please refer to Area 7 on Figure 2-1.

In November, 1989, at the request of the KDHE, Struthers submitted a list of chemicals currently in use at the site. The list included acetone, benzene, Barsol solvent (D-1150 and D-2402), dimethyl benzene, ethyl acetate, ethyl benzene, formaldehyde, glycol, ketone, lacquer thinner, methyl benzene, MEK, methyl toluene, naphtha, naphthene, toluene, and xylene. The business was classified as a small quantity generator of hazardous waste. TCA, TCE and PCE were identified in this area during the RI.

According to KDHE records, a 1,500-gallon diesel fuel UST was installed in 1981 and removed in 1989. The Donley RI Report referenced an environmental assessment conducted at the site by SCS Engineers in March, 1990. The SCS report identified five potential areas of concern, including: the AST area near the southwest corner of the site; the eastern wall of the rail car entrance to the old hangar; a suspected dump site along the northern property line; an area of metallic debris west of the sandblasting building; and the former UST location.

A letter from Donley to the KDHE in April, 1993, summarized a report prepared for Struthers by Terracon Environmental, Inc., in February, 1991. Terracon reportedly installed monitoring well RI-1 in the suspected dump site area along the northern property line. Concentrations of TCE (3,100 ppb) and 1,2-DCE (2,200 ppb) were detected in the ground water. The RI Report also identified a container storage area on the eastern side of the facility (Area 6 on Figure 2-1).

2.3.7 Montgomery Elevator

Montgomery Elevator began operations at Strother Field as Western Manufacturing in 1949 and soon after moved to the south end of the field. Montgomery's operations include the manufacture of custom elevators and elevator components. It occupied two former Army Air Force warehouses located just north of the main Greif manufacturing facility (Area 19 on Figure 2-1). In 1981, Montgomery moved to its present location at the center of Strother Field (Area 8 on Figure 2-1). The south location was briefly leased to Gordon-Piatt, then sold to Greif Bros.

Montgomery is listed with the USEPA as a small quantity generator of hazardous waste (<100 kg/mo). They have reported using toluene at both their north and south facilities in water fall paint booths. Toluene was later replaced with xylene. Xylene was also used as a paint thinner until July, 1994, when it was replaced with Aromatic 100 Solvent. Other substances in use have included Parabond cement (containing 80% 1,1,1-TCA) and Electra 350 chlorinated solvent containing PCE (later replaced with D-Limonene). Montgomery has submitted toxic chemical release inventory reporting forms (for air emissions) for 1,1,1-TCA and xylene.

Montgomery has had several documented RCRA violations at Strother Field, including an April, 1980, citation for paint spillage and discharging degreasing tanks onto the surface of the ground. In March, 1983, after moving to their present location, Montgomery was cited for additional cleanup of the paint area at the old (south) plant. KDHE also instructed Montgomery to properly dispose of 35 drums of paint sludge from the old plant. Montgomery was cited in July, 1994, for illegal disposal (in trash) of rags contaminated with xylene and PCE.

2.3.8 Cessna Aircraft

Cessna Aircraft Company operated at Strother Field from 1967 to 1985, occupying two large buildings near the southwest portion of the site (Area 13 and 14 on Figure 2-1). Cessna was reportedly the largest employer at Strother Field in the late 1970's and early 1980's, manufacturing an average of 20 small airplanes per day.

KDHE records indicate that Cessna has used large quantities of methylene chloride-based paint stripper from 1967 to 1982. Other chemicals reportedly used at the site include: xylene; MEK; toluene; cresylic acid; methanol; ethanol; orthodichlorobenzene; 1,1,1-TCA; and TCE. ~~According to the RI Report, Cessna may have disposed of waste paint and thinner at the north landfill from 1971 to 1975, and possibly at the south landfill during the period prior to 1971.~~

In July, 1985, Cessna removed a 10,000-gallon aviation gas UST and pressure-tested a 10,000-gallon diesel fuel UST (which proved to be sound).

2.3.9 Greif Bros. Corporation

Greif Bros. Corporation began operations at Strother Field in 1955 at their current facilities located near the southern end of the field. Greif fabricates 55-gallon drums and other metal containers utilizing processes which include metal degreasing and painting operations. Greif is a Class 1 generator of hazardous waste (exceeding 1,000 kg/mo).

Greif chemical usage records have been obtained from the Donley RI Report and documents on file with KDHE offices, including CERCLA Section 104 responses. According to KDHE reports, the facility began use of chlorinated hydrocarbon degreasers in 1960. The original Greif degreaser used trichloroethylene (TCE), and was located in a former Army Air Force warehouse situated east of the main Greif facility and north of the Gordon-Piatt facility (Area 22 on Figure 2-1). The degreaser was enclosed in an 8-foot deep pit.

In 1967, the degreaser was re-located to the northeast corner of the main Greif facility (the present-day location). This is noted as Area 21 on Figure 2-1. At this time, Greif switched to tetrachloroethylene (PCE) as a degreasing agent. Greif records include discussions about the cracked concrete floor in the degreaser pit and leakage of PCE in 1976. The degreaser was replaced later that year and the pit was reconstructed.

Following the purchase of a new degreaser and recovery still in 1976, Greif switched to 1,1,1-trichloroethane (1,1,1-TCA). During a 35-month period from 1981-1984, the facility reported purchasing 9,816 gallons of 1,1,1-TCA (280 gal/mo) and disposing of the waste through USPCI. In October, 1983, Greif installed an above-ground, 500-gallon TCA storage tank near the northeast end of the manufacturing building. In 1993, Greif switched to trichloroethylene (TCE) for degreasing and removed the TCA storage tank. Greif installed two 8,000-gallon underground diesel fuel storage tanks in 1977 and subsequently removed them in 1989.

The facility has also reported using 15 drums per month of xylene and 200 gallons per month of a ketone/naphtha/alcohol blend used as a silk screen ink solvent. Greif has also used toluene, acetone, methyl ethyl ketone (MEK), and methylene chloride. The waste silk screen cleaner was stored in the area noted as Area 20 on Figure 2-1, for recycling by an independent contractor.

Paint thinner, paint sludge, and degreaser waste was disposed of at the Commission's north landfill from 1960-67. The waste was usually burned along with other trash. The north dump was apparently located north of the present G.E. Test Cell, along the south bank of Posey Creek (area of monitoring well DM-28).

2.3.10 Gordon-Piatt Energy Group

There have been several Gordon-Piatt entities which are referenced herein collectively. Gordon-Piatt began operations at Strother Field in 1949, originally occupying the former Army parachute-packing building near the present Terminal building (Area 9 on Figure 2-1). Gordon-Piatt constructed their present facilities at the south end of Strother Field in 1958 (Area 24 on Figure 2-1). The company is primarily a manufacturer of industrial burners and is listed as a large quantity generator of hazardous waste.

KDHE RCRA inspection reports indicate that Gordon-Piatt has used acetone and xylene as thinners for paints. A lacquer thinner and Barsol thinner are presently in use. The facility has also used S406 Solvent, containing 64% methylene chloride, as a paint stripper since 1980. A naphtha/paraffin solvent has been utilized for parts cleaning. In addition, Gordon-Piatt's Section 104 response indicated the use of a stamping oil containing 34% 1,1,1-TCA. A 1986 RCRIS waste report included PCE in their waste stream, although Gordon-Piatt has since claimed the reference to PCE was in error.

The Donley RI Report stated that Gordon-Piatt operates four 10,000-gallon UST's and one 2,300-gallon UST which were installed during the period from 1961 to 1979. Two of the UST's reportedly contained diesel fuel, while the contents of the remaining tanks were unknown. KDHE records from 1986 indicate that the site utilizes one UST for diesel fuel storage and two UST's for storage of virgin xylene.

Gordon-Piatt has been cited several times for NPDES violations, including a diesel fuel spill into Posey Creek (via the storm sewer system) in 1979. The KDHE found that the release resulted from an estimated 500-gallon diesel spill at the Gordon-Piatt facility several weeks before the Posey Creek discovery. Gordon-Piatt was also cited in 1990 for discharge of solvents including toluene (5,130 ppb), xylene (1,660 ppb), and ethylbenzene (2,200 ppb) in paint booth waterfall effluent. RCRA violations have included a 1983 citation for dumping waste cutting fluid on the ground surface behind the plant, and a 1991 citation for a small area of surface contamination noted outside the door of their current hazardous waste storage building (Area 23 on Figure 2-1 north of the main plant, next to GGP-2). The soil was excavated and disposed of in September, 1991. Prior to expanding to their current configuration, Gordon-Piatt had a storage building west of the facility, south of the Greif facility (Area 25 on Figure 2-1).

2.4 BORING & MONITORING WELL DATA

Several attempts have been made in past reports to summarize boring and monitoring well data. However, there was no complete inventory of the borings, supply wells, monitoring wells, and temporary wells from which data has been obtained for past studies. Well location and elevation surveys had not been compared. This information was required in order to complete this evaluation. Monitoring well locations are shown in Figure 2-2.

2.4.1 Summary of Existing Data

AEC has summarized the available geologic, well completion, and elevation/location data in Table 2-2. This table was compiled from the following sources:

MW SERIES: Well completion and geologic information are available from KDHE WWC-5 forms. Coordinate and elevation data for the MW Series wells were obtained from the Donley RI report. Discrepancies between the Terra-Tech and Cullum survey data for wells MW4A and MW4B were noted during the data review. Based on comparison of the groundwater levels and corresponding water level elevations, the Cullum data was chosen as the more accurate of the survey data for these two wells.

Hunt Drilling constructed monitoring wells MW-1 through MW-6 in September, 1983. The wells were constructed with 4-inch diameter PVC and were completed with 10-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

KDHE constructed monitoring wells MW-7 through MW-9 in June and July, 1985. The wells were constructed with 2-inch diameter PVC and were completed with 10-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

MW(A) SERIES: KDHE constructed monitoring wells MW-1A through MW-11A in July and August, 1986. The wells were constructed with 2-inch diameter PVC and were completed with 5-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact). Coordinate and elevation data for the MWA Series wells were obtained from the Donley RI report. Coordinate information for AG Series borings was estimated from site drawings in the 1984 KDHE Report. Coordinate information for wells MW5A and MW11A was estimated from site drawings in the 1987 Woodward-Clyde Report.

MW(B) SERIES: KDHE constructed monitoring wells MW-4B, MW-9B, and MW-11B in July and August, 1986. The wells were constructed with 2-inch diameter PVC and were completed with 5-foot screened sections. The wells extended approximately 5-6 feet below the silty clay/sand contact. Coordinate and elevation data for the MWB Series wells were obtained from the Donley RI report.

REM-1: Well completion and geologic information are available from driller's logs. Coordinate and elevation data for REM-1 was obtained from the Donley RI report.

Layne-Western constructed recovery well REM-1 in October, 1985, using 8-inch diameter stainless steel with a 10-foot screened section. The well extended to the base of the shallow aquifer (bedrock contact). This well has generally been operating since 1985 as an extraction well with dedicated air stripper, at a rate of approximately 50-75 gallons per minute (gpm).

RI SERIES: Well completion and geologic information are available from driller's logs, with the exception of RI-1 (no data available). Coordinate and elevation data for the RI Series wells were obtained from the Donley RI report.

Terracon Environmental, Inc., installed monitoring well RI-1 in February, 1991, at the direction of Strother Manufacturing. TerraTech Environmental constructed monitoring wells RI-2 through RI-8 in August and September, 1991 (under the direction of Donley Environmental). The wells were constructed with 2-inch diameter PVC and were completed with 25-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

RWD SERIES: Well completion and geologic information are available from State Board of Health Public Water Supply application forms. Coordinate and elevation data for the RWD Series wells were obtained from the Donley RI report.

Rural Water District supply wells RWD-1 and RWD-2 were installed in 1973 using 12-inch diameter stainless steel casing with 12-foot screened sections. Both wells extended to the base of the shallow aquifer (bedrock contact).

RWD-3 was installed by Hunt Drilling in 1980 using 12-inch diameter stainless steel casing with an 8-foot screened section. The well extended to the base of the shallow aquifer (bedrock contact).

SFW SERIES: Well completion and geologic information are available from State Board of Health Public Water Supply application forms, KGS Bulletin 158 (Geology and Groundwater Resources of Cowley County, Kansas) and KDHE WWC-5 forms (SFW-10, 11 and 13 only). No well completion or geologic information was found for SFW-12. Coordinate and elevation data for the SFW Series wells were obtained from the Donley RI report. Coordinate information for SFW6 was estimated from site drawings in the 1987 Woodward-Clyde Report.

Layne-Western constructed Strother Field supply wells SFW-1 through SFW-6 in 1942 for the U.S. Army Air Force. The wells were constructed with 8-inch diameter steel casing with unknown screened sections. All wells extended to the presumed base of the shallow aquifer (41-44 feet below ground surface). SFW-2 was converted to use as an extraction well with dedicated air stripper in 1985, and has operated as a source control well since that time at approximately 125 gpm.

SFW-7 was installed by Layne-Western in 1967 using 12-inch diameter stainless steel casing with a 12-foot screened section. The well extended to the presumed base of the shallow aquifer (42.5 feet below ground surface).

SFW-8 and SFW-9 were installed in 1971 using 12-inch diameter stainless steel casing with 10-foot screened sections. Both wells extended to the base of the shallow aquifer (bedrock contact). SFW-8 was converted to use as an extraction well with dedicated air stripper in 1985, and has operated as a source control well since that time at approximately 125 gpm.

SFW-10 and SFW-11 were installed by Hunt Drilling in April, 1986 using 12-inch diameter stainless steel casing with 10-foot screened sections. Both wells extended to the presumed base of the shallow aquifer (42-45 feet below ground surface).

SFW-13 was installed by Hunt Drilling in September, 1989 using 12-inch diameter stainless steel with an 8-foot screened section. The well extended to the base of the shallow aquifer (bedrock contact).

AG SERIES: Geologic information was obtained from driller's logs. Coordinate information for AG Series borings was estimated from site drawings in the 1984 KDHE Report

KDHE constructed soil borings AG-1 through AG-13 in October and November, 1983. All borings extended to the base of the shallow aquifer (bedrock contact).

ST SERIES: Well completion and geologic information was documented on driller's logs and KDHE WWC-5 forms. Survey information for ST Series wells was supplied by Young and Associates.

AEC constructed monitoring wells ST-1 through ST-3 in March, 1997. The wells were constructed with 2-inch diameter stainless steel with 20-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

PZ SERIES: Well completion and geologic information was documented on driller's logs. Survey information for PZ Series piezometers was supplied by Young and Associates.

AEC constructed piezometers PZ-1 through PZ-12 (PZ-8 was omitted) in September, 1996. The piezometers were constructed with 1-inch diameter PVC with 2 ½ -foot screened sections. All wells extended approximately 3 feet below the silty clay/sand contact.

HMW SERIES: Well completion and geologic information was documented on driller's logs and KDHE WWC-5 forms. Survey information for HMW Series wells was supplied by Terracon Environmental.

Terracon installed monitoring wells HMW-1 through HMW-5 at Hackney in September, 1992 (under the direction of KDHE). The wells were constructed of 2-inch diameter PVC with 10-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

Terracon installed monitoring wells HMW-6 through HMW-10 at Hackney in May, 1994 (under the direction of KDHE). The wells were constructed of 2-inch diameter PVC with 10-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

GB SERIES: Well completion and geologic information was documented on driller's logs. Survey information for GB Series wells was supplied by Cullum Engineering.

AEC constructed monitoring wells GB-1 and GB-2 at the Greif Bros. Facility in December, 1993. Both wells were constructed with 2-inch diameter PVC with 10-foot screened sections. The wells extended to the base of the shallow aquifer (bedrock contact).

CMW SERIES: Well completion and geologic information was documented on KDHE WWC-5 forms. Elevation information for all CMW Series wells was available from the Donley RI report, but Northing and Easting information was not established for all CMW wells. Northing and Easting was estimated from site drawings in the 1985 Geraghty and Miller Report for wells CMW-1, CMW-3A&B, CMW-4, CMW-8A&B, CMW-10, and CMW-13.

Geraghty & Miller constructed monitoring wells CMW-1 through CMW-14 in February, 1985, at the direction of Cessna Aircraft Company. Several of the installations were twinned (CMW-1A&B, CMW-3A&B, CMW-8A&B, and CMW-11A&B). All wells were constructed with 2-inch diameter PVC. The twinned (A) wells extended to the base of the shallow aquifer and utilized 5-foot screened sections. All other wells were completed in the upper section of the aquifer and utilized 10-foot screened sections.

DM SERIES: Well completion and geologic information was documented on KDHE WWC-5 forms and on Layne-Western drill logs. Coordinate and elevation data for the DM Series wells were obtained from the Donley RI report. Coordinate information for AG Series borings was estimated from site drawings in the 1984 KDHE Report. Coordinate information for wells DM9 and DM11 was estimated from site drawings in the 1987 Woodward-Clyde Report.

Layne-Western installed monitoring wells DM-1 through DM-4 in August, 1981, at the direction of General Electric. The wells were constructed with 2-inch diameter PVC with 10-foot screened sections.

Layne-Western installed monitoring wells DM-5 through DM-14 in May, 1984. The wells were constructed with 2-inch diameter PVC with 5-foot screened sections.

Layne-Western installed monitoring wells DM-15 through DM-29 in April and May, 1985. The wells were constructed with 2-inch diameter PVC with 10-foot screened sections.

Layne-Western installed monitoring wells DM-30 and DM-31 in October, 1985. The wells were constructed with 2-inch diameter PVC with 10-foot screened sections.

GGP SERIES: Well completion and geologic information was documented on KDHE WWC-5 forms. Coordinate and elevation data for the GGP Series wells were obtained from the Donley RI report.

Harp Well Service installed monitoring wells GGP-1 through GGP-3 at the Greif/Gordon-Piatt area in September, 1988. The wells were constructed of 5-inch diameter PVC with 10-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

GT SERIES: These wells are referenced in the Donley RI report, however, no well completion or geologic information was found. Coordinate and elevation data for the GT Series wells were obtained from the Donley RI report.

P SERIES These piezometers are referenced in the Donley RI report, however, no well construction or geologic information was found. Coordinate and elevation data for the P Series wells were obtained from the Donley RI report.

2.4.2 Boring / Monitoring Well Completion Assessment

In previous studies, well completion data was not correlated with geologic data to determine the portions of the aquifer monitored by each well. This information is required to compare chemical data between wells completed in different portions of the subsurface. The thickness of the alluvial sand is also essential information at each well location.

It should be noted that while measuring point elevations (top of casing) were available for most locations, ground surface elevations were not known. Since many of the wells were not completed to the full depth of the alluvial aquifer, an isoconcentration map of the thickness of the sand was made using known thickness data. The thickness of the sand was then estimated from this map for each location which did not penetrate the entire alluvial sand deposit.

The screened intervals were then examined in relation to geologic zones. Two arbitrary hydrologic zones were chosen for comparative purposes. Wells screened from the clay overburden to the upper 60% of the alluvial sand are considered to represent the upper portion of the aquifer. Wells screened into the lower 40% of the alluvial sand are considered to represent the lower portion of the aquifer. The results of this evaluation are shown in Table 2-3.

2.5 AVAILABLE GROUND WATER ANALYTICAL AND PIEZOMETRIC SURFACE DATA

Selected Ground water analytical and piezometric surface data has been compiled and examined from previous reports. The data used, and the assessment of the data quality, is summarized below. Sampling events were chosen to provide examination representative of the time periods and site. Tables summarizing the data have been prepared as noted.

- Report on Preliminary Problem Assessment and Abatement Guidelines for Strother Field Industrial Park Groundwater Contamination Investigation, KDHE, June, 1983: This data is the earliest view of the contamination found in the supply wells. There are no analytical laboratory reports to verify the information from May 18th and May 31st, 1983 (Tables 2-4 and 2-5). However, a summary table in the July 1984 Geraghty & Miller report did report the data.
- Strother Field Study, KDHE, March, 1984: The installation and sampling technique for these points (AG Series borings) is very poorly documented. The samples were collected during October and November, 1983. There are no analytical laboratory reports to verify the information, though a summary table in a July 1984 Geraghty & Miller report did report the data. There is no groundwater level data associated with this sampling round. This is the only record of these points being sampled (Table 2-6).
- Ground-Water Quality Conditions at the Strother Field Industrial Park, July, 1984, Geraghty & Miller, Inc.: This report contains a summary table of analytical results from 1982 through 1984. There are no analytical laboratory reports to verify the information. This table was used to document the data reported in the June, 1983 and March, 1984 KDHE reports. This table has been included for reference in Appendix 1. Data collected specifically for this report is limited in area, and therefore will not be included in the data assessment.
- Results of a Hydrogeological Investigation at the Cessna Aircraft Plant, Strother Field, Arkansas City, Kansas, Geraghty & Miller, April, 1985: Well construction, water level, and analytical results are available from this March, 1985 event. This is the only recorded sampling event for some of the CMW Series wells (Table 2-7).
- Long-term Remedial Program at the GE Engine Test Cell, Strother Field, Kansas, General Electric, October, 1985: This is one of the more extensive sampling rounds conducted at the field, conducted in July and August of 1985. Water levels are available. Analytical results are summarized in a table of the report. There are no analytical laboratory reports to verify the information (Table 2-8). The analytical summary table found in this report has been included for reference in Appendix 2.
- KDHE Analytical Laboratory Reports for Selected Monitoring Wells at Strother Field, August, 1986: This is one of the more extensive sampling rounds conducted at the field, however, water levels are not available for this period. KDHE analytical laboratory reports were available to verify the information, but there was no quality assurance data (Table 2-9).
- Report for the Remedial Investigation, Strother Field, May, 1992, Donley Environmental Management: This is the most extensive sampling round conducted at the field, which was conducted in December of 1991. Analytical reports and water level measurements are available for wells throughout the Site (Table 2-10). This report also contained a statistical summary of past analytical results for wells throughout the Site, although the origin of the data and the analytical summaries were not included. This statistical summary has been included for reference in Appendix 3.
- Third Quarter Sampling of the Ground Water Monitoring System, Greif Bros. Strother Field Facility, August, 1994, Allied Environmental Consultants, Inc.: Samples were collected in selected wells around the Greif Facility during three quarters of 1994. (Table 2-11)
- Water level Data Collection, Strother Field, November 15, 1996: Water level measurements were collected throughout the Site and the Hackney area (Table 2-12).

Chemical analytes listed in the summaries include: vinyl chloride; chloroethane; 1,1-DCE; 1,1-DCA; 1,2-DCE (total); 1,2-DCA; 1,1,1-TCA; TCE; benzene; 1,1,2-TCA; PCE; toluene; chlorobenzene; ethylbenzene; 1,2-Dichlorobenzene; xylene (total); cis-1,2-DCE; trans-1,2-DCE; carbon disulfide; chloroform; carbon tetrachloride; 2-Butanone (MEK); and methylene chloride. Water level elevations have been included, where available.

2.6 AVAILABLE SOIL ANALYTICAL DATA

Available soil analytical data has been compiled and examined from previous reports. The data used, and the assessment of the data quality, is summarized below. There has been surprisingly little soil sampling and analysis. Tables summarizing the data have been prepared as noted.

- Hydrogeologic and Ground Water Contamination Investigation, Strother Field Site, July, 1987, Woodward-Clyde Consultants. A soil gas survey was conducted by Tracer Research as part of this evaluation. Results will be used, however soil gas surveys have proven to have limited effectiveness in clay soils like those at the Site.
- Report for the Remedial Investigation, Strother Field, May, 1992, Donley Environmental Management, Inc. A soil gas survey was conducted as part of this evaluation. In addition, a limited number of soil samples were collected and analyzed. Results will be used, however soil gas surveys have proven to have limited effectiveness in clay soils like those at the Site.
- Environmental Site Assessment, Greif Brothers Strother Field Facility, January, 1994, Allied Environmental Consultants, Inc. Soil samples were collected and analyzed by field and laboratory methods to identify constituents in soils at the Greif Facility. Analytical results are summarized in Tables 2-13 and 2-14.
- Northeast Corner Soils Characterization, Greif Bros. Corporation Strother Field Facility, July, 1996, Allied Environmental Consultants, Inc. Soil samples were collected and analyzed by field and laboratory methods to further define constituents in soils at the northeast corner of the Greif Facility. Analytical results are summarized in Tables 2-13 and 2-14.

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3. SITE-WIDE DATA EVALUATION

3.1 GEOLOGIC EVALUATION

Many of the previous reports have identified the geologic formation names and ages. This is a very simple geologic system, comprised of clay-shale bedrock overlain by very permeable alluvial (river) sands, which are in turn overlain by a layer of very impermeable silty clay. These types of river deposits can vary in thickness, depending on the location of the old river channel and tributaries, as well as subsequent erosional events.

In order to analyze the geology underlying the site, all of the available geologic information was evaluated, and maps were generated. Unfortunately, there is not a complete set of ground surface elevations at the well locations. This means that the configuration of the alluvial sand and clay-shale bedrock surfaces could not be mapped. Therefore, isopach (thickness) maps were generated for the clay overburden and the alluvial sand. These are presented as Figures 3-1 and 3-2, respectively.

The average depth to bedrock is approximately 39.3 feet. The average clay thickness is 19.7 feet, with the thickest clays at approximately 29 feet, and the thinnest at approximately 12 feet. The average sand thickness is 19.6 feet, with the thickest sands at approximately 28 feet, and the thinnest at approximately 11 feet. Areas of the Site which exhibit significant thickening of the sand layer impact the flow of groundwater significantly. These areas are summarized below.

- There is a significant alluvial sand thin in the area of REM-1, in the northern portion of the Site. This corresponds to a thickening of the clay overburden in the same area. This may explain why the extraction rate for REM-1 has not been as high as expected.
- There is a significant alluvial sand thin in the area of MW-7A, in the central portion of the Site.
- There is a significant alluvial sand thin in the area of ST-2, which is located between SFW-8 and SFW-2, the two primary extraction wells. This may explain why these two wells are effectively keeping contaminants from migrating to the east into the Hackney area.
- There is a significant alluvial sand thin in the area of GGP-1 and MW-1A, which extends toward the east at PZ-12 and MW-6. This thinning in the southern portion of the Site may explain how the contaminants from the Site are being prevented from migrating toward the south. It also explains why the ground water surface flows somewhat east / northeast in the area of Gordon Piatt and Greif Brothers.

3.2 GROUND WATER SURFACE EVALUATION

The extent of water level data varies throughout the Site history, with limited data available in the early records. Wells have been installed as the site evaluation process has progressed. Available information has been assembled, and piezometric surface maps have been prepared.

Geraghty & Miller collected ground water level data during work reported in April, 1985. This data is presented in Figure 3-3. This map shows an area of water table draw-down near SFW-3 and SFW-7. A second area of draw-down is shown centered around SFW-9.

General Electric collected ground water level data during work reported in October, 1985. This data is presented in Figure 3-4. This map shows an area of water table draw-down centered around SFW-2, extending towards the south near SFW-5. The area around SFW-9 shows no draw down.

Donley Environmental collected ground water level data during work reported in the 1991 Remedial Investigation Report. This data is presented in Figure 3-5. This map clearly shows two well-defined areas of draw down at SFW-2 and SFW-8. There is also indication of some influence from REM-1.

The Strother Field PRP Group collected ground water level data in November 1997. This data is presented in Figure 3-6. These maps reflect the ground water surface features found in 1991.

Several key observations have been drawn from this information:

1. The general groundwater flow is towards the east southeast, although flow in portions of the Site vary in response to pumping supply wells and geologic conditions.
2. Prior to 1985-1986, the supply wells were pumped as needed by the field. When pumping, the supply wells heavily influenced the movement of water in the nearby area. The groundwater surface prior to this date varied, depending on which wells were pumping.
3. After the implementation of the Interim Remedial System in 1985-1986 (consisting of SFW-2, SFW-8, and REM-1) the water surface has been consistent.
4. Groundwater flow at the southern portion of the Site has more of a northeast trend than would be expected, due to the influence of pumping at SFW-8 and the alluvial sand thin to the south.

3.3 SOIL CONTAMINANT EVALUATION

As stated previously, the soil analytical data available for the Site is very limited. Results are evaluated and summarized below.

3.3.1 1986 Soil Gas Survey

The soil gas survey conducted for the KDHE by Tracer Research, Inc. as part of the Woodward & Clyde 1987 Report included 75 sampling points. Field work was conducted in late July and early August, 1986. Analytical parameters were limited to methylene chloride; TCE; PCE; 1,1,1-TCA; 1,1-DCE; carbon tetrachloride; and chloroform. Elevated levels of TCE, DCE, PCE, and TCA were detected, as summarized below:

- The highest concentration of TCE in soil gas was detected near the west side of G.E. Building 5 (19 ppb). Smaller detections were noted in the G.E. Test Cell area (.006 ppb) and just north of the Greif Bros./Gordon-Piatt facilities (2 ppb).
- A maximum DCE concentration of 179 ppb was detected near the west side of G.E. Building 5. Much smaller detections were noted just north of the Greif Bros./Gordon-Piatt facilities (1 ppb).
- A maximum PCE concentration of 4 ppb was detected just north of the Greif Bros./Gordon-Piatt facilities.
- The highest TCA concentration was noted just north of the Greif Bros./Gordon-Piatt facilities (41 ppb). A second TCA plume was noted near the west side of G.E. Building 5 (19 ppb).

3.3.2 1991 Soil Gas Survey and Laboratory Analyses:

Donley Environmental conducted two sequential sampling investigations from July to December, 1991. Both rounds consisted of a soil gas survey followed by soil sampling and laboratory analyses. The initial survey was conducted using an extensive grid system in and near 11 potential source areas, identified as: North Landfill, South Landfill, G.E. central facility, Greif Bros./Gordon-Piatt/K-Square facilities, a small area just northeast of the G.E. complex, a small area just west of K-Square Molding, Range Oil facilities, Struthers Thermo-Flood facilities, former Cessna facilities, the G.E. Test Cell area, and the Phantom Dump area. Significant concentrations of VOC vapors were found in only three of the areas: G.E. central facility, Greif Bros./Gordon-Piatt/K-Square facilities, and the Struthers Thermo-Flood facilities.

As noted above, the soil gas survey results were verified by the collection of twenty-four soil samples for laboratory analyses from twenty locations, including fourteen soil borings and six monitoring wells (RI-2 through RI-7). Results are described below, and represented on Figure 3-7.

G.E. Central Facilities: During the first round of soil gas sampling, elevated levels of several VOCs were noted, including 1,1-DCE ranging from 20 to 430 ppb (concentrated near the southeast corner of Building 5). Low levels of TCE (1-17 ppb) and 1,2-DCE (2-4 ppb) were observed in a small area to the west of Building 5. An area near the northwest corner of G.E. Hangar Building 9 revealed concentrations of cis-1,2-DCE (9-22 ppb) and 1,1,1-TCA (2-7 ppb). During the second soil gas survey, a location near the entrance to Hangar Building 9 was sampled. 1,1-DCE was detected at concentrations ranging from 2,900-32,000 ppb.

Soils from a boring installed through the floor of Building 5 (in the vicinity of a former TCE/TCA line) revealed concentrations of 1,1-DCE (1,000 ppb) and 1,1,1-TCA (6,100 ppb). A boring placed near the southeast corner of Building 5 (near the fuel storage area) revealed an Ethylbenzene concentration of 73 ppb.

Greif Bros./Gordon-Piatt/K-Square Facilities: During the first soil gas survey, elevated levels of several VOCs were noted at an area between the northeast corner of the Greif facility and the northwest corner of the Gordon-Piatt facility. 1,1-DCE was detected at concentrations ranging from 152-788 ppb, TCE ranged from 8-96 ppb, PCE ranged from 3-36 ppb, and 1,1-DCA ranged from 1-26 ppb. An area near the northwest corner of the Gordon-Piatt pre-treatment system revealed a 1,1-DCE concentration of 373 ppb. The second soil gas survey detected elevated concentrations of MEK and Toluene near the northwest corner of the Greif Bros. facility.

Soil samples collected from borings placed near the northeast corner of the Greif facility contained elevated concentrations of TCE (13,000 ppb), PCE (340,000 ppb), 1,1-DCE (130 ppb), and 1,1,1-TCA (450 ppb). Soil samples collected near the northwest corner of the Greif facility contained concentrations of Toluene (31,000 ppb) and MEK (91,000 ppb).

Struthers Thermo-Flood Facilities: The first soil gas survey detected two hot spots. The eastern property line (a former waste storage area) revealed 1,2-DCE levels ranging from 50-200 ppb. The second hot spot (near the northeast corner of the manufacturing building) revealed 1,2-DCE concentrations ranging from 285-353 ppb. 1,1,1-TCA values in the same general areas ranged from 5-70 ppb. Elevated TCA (70 ppb) and PCE (47 ppb) levels were noted near the location of monitoring well RI-1 (a reported waste storage and disposal area along the north property boundary).

G.E. Test Cell: Although soil gas results did not reveal significant VOC constituents in the soils at this location, subsequent laboratory analyses detected elevated concentrations of VOC constituents near monitoring well DM-15 (near a former oil/water separator). Detected VOCs included 1,2-DCE (420 ppb); 1,2-DCA (140 ppb); 1,1,1-TCA (7 ppb); and Vinyl Chloride (10 ppb).

3.3.3 1994 and 1996 Soils Investigations at the Greif Brothers Facilities:

Soil samples were collected and analyzed by field and laboratory methods to define the extent of soil contamination in soils at the Greif Facility. Analytical results are summarized in Tables 2-13 and 2-14. Two areas of the Greif Facility have been identified as potential source areas. These are the Silk Screen Cleaner Recycling Area at the northwest corner of the facility, and the degreaser at the northeast corner of the facility. Greif has conducted thorough investigations to determine the extent of contamination resulting from their facility.

Northwest Corner: The northwest corner of the main Greif Facility was used to recycle cleaner used for their silk screening process. Data was collected in this area during a 1994 soils investigation. The location of these borings is shown on Figure 3-8A. Samples were taken at each 5 foot interval to a depth of 20 feet.

The locations which define the northwest Recycling Area are boreholes BH-G-9, BH-G-13, BH-G-14, BH-G-15, and BH-G-18. The only location with significant soil contamination is location BH-G-14; which is adjacent to the Drum Storage Area. High levels of MEK and Toluene were identified from 5 feet to 20 feet below ground surface. Lower levels of 1,1 DCE, TCE, PCE, and 1,1,1 TCA were also identified. The estimated footprint of this soil contaminant plume has a 20 foot radius at the groundwater contact.

Historical ground water analytical results for wells in this area are summarized in Table 2-11. Monitoring wells down gradient or near the Recycling Area at Greif include MW4A, MW4B, R18, and MW10A. Only two of these wells have detected either of the primary contaminants found in the NW Recycling Area. MEK was detected at low levels during 1 sampling event at MW4B, and Toluene was detected at low levels during 2 sampling events at MW10A. Given the fact that the NW Recycling Area is now effectively "capped" by concrete and the Greif Building, this area does not appear to be a significant, measurable contributor to the ground water contamination.

Northeast Corner: Greif has operated a degreasing unit in the northeast corner of the main facility since 1967. The unit is situated in a concrete-lined pit approximately 8-feet deep. Between 1967 and 1976, PCE was the primary degreasing compound. In 1976, the degreaser was replaced with a more efficient model. At that time, cracks were noted in the containment pit, which was repaired. 1,1,1 TCA was then used as the primary degreasing compound from 1976 to 1993. Since that time, TCE has been the primary degreasing compound.

As part of the 1994 soils evaluation, this area was also evaluated. Additional data was collected in 1996 to further delineate the soil contaminant plume in the northeast area of Greif. This data is summarized in Tables 3-13 and 3-14, and the locations are presented on Figure 3-8A. In both sampling events, the data was analyzed by field gas chromatograph methods, with some samples presented to a laboratory for comparative analysis. In general, the field analysis is 1 to 3 orders of magnitude higher than the laboratory analysis, and is considered somewhat qualitative.

The laboratory and field analyses for the base of the clay overburden indicate a soil contaminant plume of similar sizes, extending from north of location 96-A, south to location 96-C, east to near BH-G-5, and west to 96-B. This area is shown on Figures 3-8B and 3-8C. These figures represent the concentrations present just above the groundwater surface.

The highest TCE and PCE values detected in field analysis at this depth were in 96-D, with PCE detected at 13,211 ppb, and TCE detected at 3,808 ppb. The highest PCE and TCE values detected in laboratory analysis at this depth were in BH-G-7, with TCE detected at 93 ppb, and in 96-A with TCE detected at 38 ppb.

This soil analytical data has been compared with the historical groundwater analytical data from the surrounding wells, summarized in Table 2-11. These observations are summarized below.

- Well GGP-1 is the only up-gradient monitoring point from this source area. It monitors the deeper portion of the aquifer.

PCE has only been detected in well GGP-1 in 3 out of 10 sampling events, at levels ranging from 2.5 ppb to 49 ppb. This is most likely from the soil contaminant plume at the Greif facility, given the close proximity of the well.

1,1,1 TCA has only been detected in well GGP-1 in 2 out of 10 sampling events, at levels ranging from 44 ppb to 100 ppb. This is most likely from the soil contaminant plume at the Greif facility, given the close proximity of the well.

TCE has been detected in this well each time it has been sampled at levels ranging from 990 ppb to 28,000 ppb, with an average detection level of 9,501 ppb. This is a higher concentration than expected, and higher than any found in the soils at the northeast corner of the Greif facility. It is also much higher proportionately than the PCE and 1,1,1 TCA levels. This indicates an additional TCE source from the Gordon Piatt / Army Ordnance area.

- Well GGP-2 is a deep monitoring well, and is directly down gradient from the Greif degreaser area. PCE is found in every sampling event (12 of 12) in this well, and ranges from 150 ppb to 6,700 ppb, with an average of 2,096 ppb. This level of contamination is most likely from the Greif degreaser area, given the location and proximity of the well.

1,1,1 TCA is found in 9 of 12 sampling events at this well, and ranges from 62 ppb to 5,300 ppb, with an average of 1,890 ppb. This level of contamination is most likely from the Greif degreaser area, given the location and proximity of the well.

TCE is also detected in each of the sampling events from GGP-2. The concentrations range from 260 ppb to 15,000 ppb, with an average of 4,658 ppb. This is a much higher level of TCE than detected in soils at the degreaser area, and cannot be accounted for as a degradation product of PCE. Again, these levels of TCE must be from a source south of the Greif Facility.

- Well MW-10A is just side-gradient from the Greif degreaser area, and side gradient from the Gordon Piatt building. PCE has been detected in this well in 6 out of 9 sampling events, at ranges from 28 ppb to 62 ppb. This level of contamination is most likely from the Greif degreaser area, given the location and proximity of the well.

1,1,1 TCA has been detected in this well in 2 out of 9 sampling events, at ranges from 1.7 ppb to 19.7 ppb. This level of contamination is most likely from the Greif degreaser area, given the location and proximity of the well.

TCE is also detected in each of the sampling events from MW-10A. The concentrations range from 230 ppb to 1,400 ppb, with an average of 839 ppb. This is a much higher level of TCE than expected to result from the degreaser area, and cannot be accounted for as a degradation product of PCE. Again, these levels of TCE must be from a source south of the Greif Facility. This analysis has excluded the 1986 analytical values for TCE, which were considered to be erroneous.

- Well GGP-3 is also a deep monitoring point, and is approximately half way between the Greif degreaser area and SWF-8. PCE has been detected in this well in 11 out of 11 sampling events, at ranges from 40 ppb to 770 ppb, with an average of 361. This PCE is most likely from the Greif degreaser area, given the location and proximity of the well.

1,1,1 TCA has been detected in this well in 8 out of 11 sampling events, at ranges from 5.9 ppb to 300 ppb. This level of contamination is most likely from the Greif degreaser area, given the location and proximity of the well.

TCE has been detected in each of the sampling events from GGP-3. The concentrations range from 51 ppb to 5,220 ppb, with an average of 2,557 ppb. This is a much higher level of TCE than expected to result from the degreaser area, and cannot be accounted for as a degradation product of PCE. Again, these levels of TCE must be from a source south of the Greif Facility.

- Insufficient data has been collected to eliminate other sources of 1,1,1 TCA or PCE from the ARMY, Montgomery Elevator, or Gordon-Piatt operations.

3.4 GROUND WATER CONTAMINANT EVALUATION

Available ground water analyses have been summarized and examined. This data has been reviewed in conjunction with available well completion, geologic soils analysis, and hydrologic data. The data has been examined from a historical perspective, since ground water analyses are available for different sets of wells during each sampling period.

The data was evaluated with two basic goals in mind:

1. Determine the size of the contaminant plume vertically and horizontally, if possible.
2. Verify evidence indicating contaminant sources at the site.

Tables of each data set, and maps showing detected concentrations have been prepared. Please note that wells representing the shallow portion of the aquifer are designated with an (s), and those representing the deep portion are designated with a (d). Values for 111 TCA, PCE, TCE, and total VOCs were posted on maps, where available. These constituents were chosen because they generally represent the original products used. It should be noted that the degradation products of the compounds are present as well. Observations based on these data sets are summarized below.

3.4.1 1983 KDHE Data:

From the "Report on Preliminary Problem Assessment and Abatement Guidelines for Strother Field Industrial Park Groundwater Contamination Investigation", KDHE, June, 1983:

KDHE analyzed samples from the existing supply wells on May 18th and May 31st, 1983. Data is poorly documented, and no laboratory reports or ground water elevations were included in the report. Therefore, no validation of the data is possible. There are some useful observations which can be made from this data (refer to Figure 3-9 and Tables 2-4 and 2-5).

- Levels of reported constituents remain stable, with the exception of SFW1, which decreases by an order of magnitude between 5/18 and 5/31. This is apparently due to the pumping influence from SFW2. This indicates that contaminant plumes are influenced in the immediate area of pumping wells. The pumping of these wells was not stabilized until 1985-1986, and prior to that time the contaminant plumes were unpredictably influenced by them.
- Contaminants identified in SFW9 indicate a source for TCE from the vicinity of the old Army Paint-O-Dope, Reclamation Area or Base Engineering areas.
- Low levels of PCE were detected at DM-1 and DM-4, indicating a source of PCE in the central portion of the site.

3.4.2 1984 KDHE Data:

Discussed in the "Strother Field Study", KDHE, March, 1984, and taken from a summary Table in the "Ground-Water Quality Conditions at the Strother Field Industrial Park", Geraghty & Miller, July, 1984.

The AG series borings were sampled between 10/20/83 and 11/30/83. They were compared with values from a variety of DM series and SFW series analyses, which were taken from September to December, 1983. This time span is considered too wide to compare values. However, the data presented in the report does demonstrate some key points. Analyses from AG borings are summarized in Table 2-6, and shown on Figures 3-10A and 3-10B. Information regarding analyses of other monitoring points is found in Appendix A. There is no information regarding the water elevations.

- PCE was detected at SFW3, but not SFW2 or SFW7. High levels of TCE were also found in SFW3. This indicates a TCE and PCE source due west of SFW3 in the vicinity of Montgomery Elevator's current facility.
- PCE and TCE were detected at DM1, DM2, DM3, DM5, and SFW4, indicating a source in the area of the GE main facility.
- PCE and TCE were detected in SFW9, but not in AG-7, indicating a source at the Paint-O-Dope or Engineering areas formerly occupied by the Army and Cessna.
- PCE and TCE were detected in SFW8 at much higher levels than at AG-1, indicating unidentified PCE and TCE sources up-gradient from SFW8. TCE was also detected in AG-3 and MW-5, supporting unidentified sources up-gradient from SFW8.
- TCE was detected at the north end of the field, indicating sources at the GE Test Cell, North Dump, and alleged Phantom Dump. This was probably the source of a portion of the TCE found in SFW1 and SFW2.
- TCE was detected at AG-10 just west of the Strother Manufacturing Chemical Storage Area. This could be from the storage area, or from one of the source areas further to the north.
- TCE was detected in AG-5 to the east of the Gordon-Piat/Old Army ordnance area, indicating a TCE source from one or both of these facilities.

3.4.3 April 1985:

Taken from "Results of a Hydrogeological Investigation at the Cessna Aircraft Plant, Strother Field, Arkansas City, Kansas", Geraghty & Miller, April, 1985.

Data collected by Geraghty and Miller is summarized in Table 2-7, and shown in Figures 3-3, 3-11A, 3-11B, and 3-11C. This investigation concentrated around the central-southern portion of the site.

- PCE was not detected in any analysis.
- 1,1,1 TCA was detected in CMW4 and CMW13, although the ground water gradient and source is unclear.
- TCE was detected at CMW5, CMW11A, and CMW11B indicating a source at the former Cessna Facility, now occupied by GE.
- TCE was detected in CMW12. The only source for this is the Old Army Base Engineering area.
- TCE was detected at relatively high levels in CMW4 and somewhat lower in CMW13, indicating a nearby source, from the Old Montgomery Facility, Army Base engineering areas, or the Greif/Gordon Platt area.

3.4.4 July/August 1985:

Taken From the "Long-Term Remedial Program at the GE Engine Test Cell, Strother Field, Kansas", General Electric, October, 1985

This data was reported in the October 1985 Long Term Remedial Program Report prepared by GE. No Laboratory reports were available to verify the information presented in the report. The data is summarized in Table 2-8, and presented on Figures 3-4, 3-12A, 3-12B, and 3-12C.

- PCE, TCE, and TCA were noted in SFW9 and CMW13. TCE was also noted at high levels in CMW4. Given the ground water gradient at the time, the source indicated is in the Old Army Base Engineering area.
- PCE, TCE, and TCA were noted in SFW 2, 3, 4, 5, and 7, indicating sources in the central portion of the site.
- 1,1,1 TCA was detected in wells DM5, DM1, and MW4, indicating a source near the GE main complex. DM5 monitors the base at the sand, and has a very high TCA concentration. DM1 monitors the upper portion of the sand, and has a much lower concentration. This indicates a relatively close major source of 1,1,1 TCA, which has migrated to the lower portion of the aquifer.
- 1,1,1 TCA and TCE were detected in DM15, DM10, DM18, and DM29, indicating sources in the area of the GE Test Cell and North Dump.
- 1,1,1, TCA and TCE were detected in DM13, and DM14 (shallow and deep well pair) at levels higher than those found near the GE Test Cell area. This indicates a source at the Strother Manufacturing Chemical Storage area.

- TCE was noted in CMW5 and MW5, indicating a source at the former Cessna Facility, now owned by GE.
- TCE was noted in DM6 and DM7, down-gradient from the GE oil-water separator.

3.4.5 1986 KDHE Data Set:

The KDHE collected and analyzed water samples from the central and southern portions of the site in August, 1986. No corresponding water level information is available, but the pumping well configuration was established with SFW2, SFW8, and REM1. Therefore the water level surface was similar to 1991, 1996, and 1997 (Figures 3-5, 3-6, and 3-7). The data is summarized in Table 2-9, and presented in Figures 3-13A, 3-13B, 3-13C, and 3-13D.

While there are laboratory reports for this data, TCE values in MW10A are an order of magnitude higher than detected prior to, or after this event. This data point is deemed unreliable, however observations can be made using the remainder of the data.

- PCE, 111 TCA, and TCE values are higher at SFW3 than SFW2 or SFW7. This indicates a TCE and PCE source due west of SFW3 in the vicinity of Montgomery Elevator.
- PCE, 111 TCA, and TCE were detected in the DM series wells down-gradient from the GE complex.
- PCE, 111 TCA, and TCE were detected at SFW 9, but not detected (or detected at much lower levels) at wells CMW8A, CMW8B, MW5A. This indicates that the source in SFW 9 must be west or north of the Grief Facility. These compounds were not detected in CMW 7, 10, 11A, or 11B, indicating that the source must be from the ARMY Paint-O-Dope or Reclamation Area.
- PCE, 111 TCA, and TCE were detected in MW 10A, indicating a source in the area of Greiff/Gordon Piatt.

3.4.6 December, 1991 Data Set:

Taken from "Report for the Remedial Investigation, Strother Field", May, 1992, Donley Environmental Management

The data collected for the remedial investigation is the most verifiable set of analyses available. It is summarized in Table 2-10 and presented in Figures 3-6, 3-14A, B, C, & D. Unfortunately, wells near several of the previously identified PRPs, specifically the ARMY and Montgomery Elevator, were not sampled.

- Data indicates a TCE source near the GE test cell.
- TCE detected in RI 1 indicates a source at the Strother Thermo Flood northern chemical storage area, or may be part of the plume near the test cell.
- High values of TCE detected in shallow well DM 14 indicates a TCE source at the Strother Thermo Flood northern chemical storage area.
- TCE was detected in many of the wells in the central portion of the site down gradient from the GE facilities and old Cessna Facilities.
- PCE, 111 TCA, and TCE were detected in the Greif / Gordon Piatt area.

4. SUMMARY & ANALYSIS

4.1 SOURCE AREA SUMMARY

Based on review of the reports, historical information and soil and groundwater data, the identified potential source areas have been evaluated. These areas are shown in Figure 2-1.

Area 1: North Landfill (ARMY & Commission). 1942-1975.

No clear evidence indicating that this is a source area is presented in the data. The exact location of this facility was not defined.

Area 2: GE Test Cell. Late 1960's to Present

Soil gas and groundwater analytical data indicate that this is a source area. Data from well DM15 indicates that the highest source is just north of the test cell. The deep portion of the aquifer is not monitored enough in this area to evaluate the vertical extent of contamination.

Area 3: Alleged Phantom Dump.

This site was not clearly located in any of the studies, and could have actually been the ARMY firing range. Contaminants were identified in the soils during the 1991 soil gas survey, indicating a potential source. However, the groundwater data does not indicate a separate plume in this area.

Area 4: Halliburton Services. 1975-Present

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 5: Range Oil. 1977-Present.

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 6: Struthers Thermo-Flood Chemical Storage Areas. 1951 to Present.

Data indicate that the northern and eastern storage areas are contaminant sources. Groundwater contaminant levels at these facilities are found at levels higher than up-gradient.

Area 7: Struthers Thermo-Flood. 1951 to Present. (Former ARMY Flight Line Hanger)

Data indicate that the main facility buildings are a source area. Groundwater contaminant values at these facilities are found at levels higher than up-gradient.

Area 8: Montgomery Elevator. 1981 to Present.

The monitoring system and past studies do not provide enough data to evaluate this property completely. However, levels of TCE, PCE and their degradation products are found in ~~SPW3~~ at elevated levels, indicating a potential source in this area. Records and past practices indicate that this is possible.

Area 9: Gordon-Piatt Energy Group. 1949 to 1958.

This facility is up-gradient from the GE complex, and no monitoring wells provide adequate information that could evaluate the two separately.

Area 10: GE degreaser. 1987 to Present.

Data indicate that this facility is a source area. Groundwater contaminant values increase at this facility at levels higher than found up-gradient

Area 11: GE degreaser. 1966 - 1984.

Data indicate that this facility is a source area. Groundwater contaminant values increase at this facility at levels higher than found up-gradient

Area 12: GE oil / water separator. 1985 to 1991. GE waste tank 1960's to 1986. (Former ARMY Flight Line Hanger)

Data indicate that this facility is a source area. Groundwater contaminant values increase at this facility at levels higher than found up-gradient

Area 13: Former Cessna Facility. 1967-1985. General Electric 1985-Present.

Data from CMW5 indicates that this facility is a source area. Groundwater contaminant values increase at these facilities at levels higher than found up-gradient

Area 14: Former Cessna Facility 1967-1985. General Electric 1985-Present.

The monitoring system and past studies ~~do not provide enough data to~~ evaluate this property.

Area 15-18: ARMY Paint-O-Dope Reclamation Area, Paint-O-Dope Area, Base Engineering Facilities, 1942-46.

Data from SFW9 and surrounding wells indicate that this may be a source area. ~~However the ground~~ water monitoring system is insufficient to fully evaluate these facilities.

Area 19: Montgomery Elevator 1950 to 1980

The monitoring system and past studies ~~do not provide enough data to~~ evaluate this property. However, PCE, TCE, and 111 TCA are found in MW4A and MW4B.

Area 20: Greif Barrel Storage Pad. 1983-1987.

Data indicate that toluene and MEK have been released to soils. Groundwater analyses do not indicate that this is a source of a contaminant plume.

Area 21: Greif - 1968 to present.

Data indicates that this is a source of 111 TCA and PCE. Data also indicates that there is an undefined source of TCE south of the facility.

Area 22: Greif degreaser, 1960 - 1967.

The monitoring system and past studies do not provide enough data to evaluate this property

Area 23: Current Gordon Piatt Hazardous Waste Storage Building

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 24: Gordon-Piatt Energy Group 1958 to Present

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 25: Former Location of Gordon Piatt Storage Building

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 26: ARMY Ordinance Area: 1942-1946.

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 27: South Landfill 1942-1975.

Data indicates that this is not a source area

4.2 GROUNDWATER PLUME ANALYSIS

The 1991 data set was chosen as the most appropriate to use to determine the size and configuration of the ground water contaminant plumes. It is the most recent, and most verifiable of the sampling events. Unfortunately, the data does not fully evaluate all of the contaminant sources listed above.

Based on comparison of concentrations in shallow and deep well pairs, it is evident that the concentrations vary with depth. Therefore, shallow and deep zone isoconcentration maps have been prepared based on the 1991 data.

Figure 4-1-A: TCE - Upper Zone

Figure 4-1-B: TCE - Lower Zone

Figure 4-2-A: PCE - Upper Zone

Figure 4-2-B: PCE - Lower Zone

Figure 4-3-A: 111TCA - Upper Zone

Figure 4-3-B: 111TCA - Lower Zone

Figure 4-4-A: TVOC - Upper Zone

Figure 4-4-B: TVOC - Lower Zone

The following observations are made based on these maps.

1. RI series wells are screened across the deep and shallow portions of the aquifer. Analytical results do not appear to adequately represent either zone, perhaps due to sampling technique.
2. Wells in the area of the GE test cell primarily monitor the shallow portion of the aquifer. Therefore, the shallow contaminant plumes for the various constituents have been prepared. However, only three wells monitor the deeper portion of the aquifer, and only two of these (REM1 and RI1) were sampled. This does not provide enough data to adequately assess the deeper portion of the aquifer.

3. Concentrations of TCE and TVOC increase dramatically downgradient from the Strother Manufacturing Chemical Storage areas, indicating a second source in the northern plume.
4. The Monitoring system around the current Montgomery Elevator facility does not provide enough data to determine the nature of the plume in this area.
5. PCE was not detected in the central portion of the field, as it had in past sampling events, perhaps masked by higher detection limits in 'hot' wells.
6. TCE is detected south of the Greif Northeast corner PCE and TCE soil contamination, at levels higher than detected in soils. This indicates an additional TCE source south of Greif which has not been located.
7. The wells sampled by Donley in the central portion of the site occupied by GE consisted of six deeper aquifer wells and three shallow aquifer wells. The plumes in this area can be mapped, but information is incomplete.
8. No data was collected directly down gradient from the old Cessna facilities, therefore this area cannot be mapped.
9. Most of the key wells down gradient from the old ARMY facilities were not sampled, therefore this area cannot be mapped.
10. Wells sampled in the Greif / Gordon Piatt area are all completed into the deeper portion of the aquifer, therefore the upper portion of the aquifer cannot be mapped.

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TABLE 2-1
SITE OCCUPANTS, BASED ON 1992 DONLEY RI REPORT

TENANT	ACTIVITY	TIME PERIOD
Strother Field Commission	Strother Field management	since 1940
U.S. Army Air Force	flight training, aircraft maintenance and repair	1942-1945
Strother Field Sewage Treatment Plant	wastewater treatment	since 1942
Fairchild Engine and Airplane Corp.	Experimental aircraft construction	1946-1949
Smyer Flying Service	air charter, flight instruction, crop dusting	1946-1972
Gordon-Piatt Energy Group	gas-oil burner manufacturer	since 1949
Montgomery Elevator (formerly Western Manufacturing)	elevator manufacturer	since 1949
Pomona Tile	ceramic tile manufacturer	1951-1968
Strother Manufacturing (also Struthers Thermo-Flood and Smith-Moon Steel)	manufacturer of boilers and heat exchangers used in oil recovery	since 1951
General Electric Company	aircraft engine maintenance	since 1951
Greif Bros. Corporation	steel drum manufacturer	since 1955
Central Airlines	passenger airline service	1965
Winwood Industries	wooden trophy base manufacturer	1965-1968
Defore Cafe	food services	1966-1967
Strother Field Restaurant	food services	1967-1983
Cessna Aircraft	aircraft manufacturer	1967-1985
S.L. Mossman	guitar manufacturer	1969-1978
Current Aircraft	air charter, flight instruction, aircraft sales and rental, car rental, fuel service, maintenance, crop dusting	since 1969
Executive Jet Aviation	air frame maintenance	1973-1976
Western Industries	engineering consultants	1973-1986
Morton Buildings	prefabricated metal and wood buildings	since 1974
Haliburton Services	oil field well service	since 1975
Guy's Foods	food product warehousing and distribution	since 1975
Air Center, Inc.	custom aircraft interior manufacturer	1976-1983
Loomis Body Works	antique automobile restorer	1976-1986
Cowley County MR/DD Services	workshop for the handicapped	since 1977
Range Oil	oil field production services	since 1977
Two Radius Bending	heating coil fabrication	1978-1979
Kansas Drivers' Exam Center	motor vehicle operator licenses	1979-1985
KBUZ-FM	radio station	1979-1987
I-Cube	packaged boiler insulation	1980-1984
Meldon Aviation	aircraft sales and charter service	1981-1984
Cowley County Communications (KSOK and KWKS)	radio station	since 1982
Ark Valley Distributors	beer distributors	since 1982
Little Mexico Restaurant	food services	1983-1986
IBM	office and equipment storage	since 1985
World Feed Grain	experimental wheat seed	1986-1987
AT&T	equipment repair	1986-1990
I.U.E. Local #1004	labor union office	since 1986
Brown Aerial Spray	crop dusting	since 1987
K-Square, Inc.	blow-molded plastic manufacturer	since 1988
Home National Bank	banking services	since 1988
Lee Matthews	fan belt distributor	1989-1990
K-Page	telephone paging service	since 1990
Consumer Products, Inc.	truck bed liner warehouse	since 1990
Ark Valley Credit	financial credit union	since 1991

Table 2-2
Strother Field Monitoring Well and Boring Information
Completion, Geology, Coordinates and Elevation Data

Well ID	Owner / Installer	Date Installed	Screen Type	Northing ¹	Easting ¹	Casing Elev. (Meters, Feet)	Total Depth	Top Screen	Base Screen	Bedrock Depth	Base of Overburden ¹	Sand Thickness
										Base Zone C	Base Zone A	
CMW1A	CESSNA MONITORING WELL-GE	02/20/85	MILL SLOT	4996.35	5775.1	1151.02	42	36	41	>42	14	?
CMW1B	CESSNA MONITORING WELL-GE	02/22/85	MILL SLOT	4986.471	5775.02	1151.11	22	10	20	>22	14.5	?
CMW2	CESSNA MONITORING WELL-GE	02/24/85	MILL SLOT	8388	7106	1146.1	26	12	22	>26	13.5	?
CMW3A	CESSNA MONITORING WELL-GE	02/22/85	MILL SLOT	4988	7118	1145.55	35.5	26	31	35.5	12.4	23.1
CMW3B	CESSNA MONITORING WELL-GE	02/22/85	MILL SLOT	4988	7118	1145.73	22	12	22	>22	12.4	?
CMW4	CESSNA MONITORING WELL-GE	02/26/85	MILL SLOT	4472	7104	1151.01	26	13	23	>26	15.5	?
CMW5	CESSNA MONITORING WELL-GE	02/24/85	MILL SLOT	5312.049	6539.855	1149.3	26	12	22	>26	21	?
CMW6	CESSNA MONITORING WELL-GE	02/25/85	MILL SLOT	5012.582	6332.731	1151.12	26	13	23	>26	13	?
CMW7	CESSNA MONITORING WELL-GE	02/24/85	MILL SLOT	4562.984	6314.218	1151.98	26	13	23	>26	17	?
CMW8A	CESSNA MONITORING WELL-GE	02/26/85	MILL SLOT	4342	7000	1154.76	41	34	39	>41	18.5	?
CMW8B	CESSNA MONITORING WELL-GE	02/23/85	MILL SLOT	4342	7000	1155.38	31	16	26	>31	18.5	?
CMW9	CESSNA MONITORING WELL-GE	02/24/85	MILL SLOT	5202.657	6673.86	1149.24	29.5	12	22	>29.5	20	?
CMW10	CESSNA MONITORING WELL-GE	02/23/85	MILL SLOT	4804	6817	1149.13	26	12	22	>26	15.5	?
CMW11A	CESSNA MONITORING WELL-GE	02/25/85	MILL SLOT	5096.937	6790.385	1148.54	37.2	29	34	36.8	17	19.8
CMW11B	CESSNA MONITORING WELL-GE	02/25/85	MILL SLOT	5104.738	6790.242	1148.63	22	12	22	>22	17	?
CMW12	CESSNA MONITORING WELL-GE	02/26/85	MILL SLOT	4202.885	6516.022	1153.08	26	14	24	>26	17.5	?
CMW13	CESSNA MONITORING WELL-GE	02/27/85	MILL SLOT	4888	7642	1145.79	26	14	24	>26	15.5	?
CMW14	CESSNA MONITORING WELL-GE	02/27/85	MILL SLOT	4974.615	7588.617	1147.74	29	19	29	>29	21	?
DM1	GE	06/13/81	MILL SLOT	6037.207	7162.777	1152.48	31.5	20	30	>31.5	20	?
DM2	GE	06/13/81	MILL SLOT	6086.735	7549.323	1155.91	36.5	23	33	>36.5	20	?
DM3	GE	06/13/81	MILL SLOT	6035.323	7549.477	1156.04	36.5	23	33	>36.5	20	?
DM4	GE	06/13/81	MILL SLOT	5990.654	7550.822	1156.13	34.5	21.75	31.75	>34.5	20	?
DM5	GE	05/22/84	MILL SLOT	6043.916	7162.671	1152.31	41	35	40	41	19.5	21.5
DM6	GE	05/23/84	MILL SLOT	5687.494	6653.268	1147.84	36.5	31.5	36.5	36.5	19	17.5
DM7	GE	05/23/84	MILL SLOT	5682.578	6653.567	1147.79	36.5	21	26	36.5	19	17.5
DM8	GE	05/23/84	MILL SLOT	5757.878	5750.829	1150.29	20.5	15	20	>20.5	16	?
DM9	GE	05/24/84	MILL SLOT	8840	8113	1157.087	25.5	20	25	>25.5	28	?
DM10	GE	05/23/84	MILL SLOT	8867.91	6271.93	1155.75	40.5	35	40	>40.5	29	?
DM11	GE	05/23/84	MILL SLOT	8778.182	8284.383	1156.11	40.5	18	23	>40.5	29	?
DM12	GE	05/24/84	MILL SLOT	9375.187	5692.462	1156.96	25.5	20	25	>25.5	19	?
DM13	GE	05/24/84	MILL SLOT	8013.68	7103.55	1158.7	45.5	40	45	>45.5	24	?
DM14	GE	05/24/84	MILL SLOT	8006.47	7103.74	1158.62	45.5	25	30	>45.5	24	?
DM15	GE	04/30/83	MILL SLOT	9112.94	6238.55	1155.34	25.5	14	24	>25.5	24	?
DM16	GE	05/01/85	MILL SLOT	8548.335	6292.905	1155.87	29.5	15	25	>29.5	21	?
DM17	GE	05/01/85	MILL SLOT	8531.314	6115.542	1155.14	28	15	25	>28	22.5	?
DM18	GE	05/02/85	MILL SLOT	8995.7	6517.33	1155.25	26	13	23	>26	18	?
DM19	GE	05/03/85	MILL SLOT	8563.658	7031.694	1159.27	32	18	28	>32	18	?
DM20	GE	05/08/85	MILL SLOT	7897.36	5729.862	1153.2	26	11	21	>26	17.5	?
DM21	GE	05/07/85	MILL SLOT	6865.192	5745.071	1150.84	24.5	11	21	>24.5	13.5	?
DM22	GE	05/07/85	MILL SLOT	7280.802	6730.148	1152.88	31	15	25	>31	18	?
DM23	GE	05/07/85	MILL SLOT	7285.694	7440.229	1157.67	34.5	20	30	>34.5	23.5	?
DM24	GE	05/08/85	MILL SLOT	6524.758	6741.537	1150.84	26	14.5	24.5	>26	17	?
DM25	GE	05/08/85	MILL SLOT	8536.152	7323.292	1155.44	29.5	17	27	>29.5	17.5	?
DM26	GE	05/08/85	MILL SLOT	8431.716	6839.704	1155.78	29.5	15	25	>29.5	20	?
DM27	GE	05/08/85	MILL SLOT	8360.136	7703.081	1157.91	34.5	20	30	>34.5	21	?
DM28	GE	05/08/85	MILL SLOT	8425.585	6259.738	1155.8	29.5	16	26	>29.5	24.8	?
DM29	GE	06/10/85	MILL SLOT	8552.392	6651.467	1156.17	29.5	15.5	25.5	>29.5	22.5	?
DM30	GE	10/24/85	MILL SLOT	6488.356	8395.588	1151.61	29.5	16.5	26.5	>29.5	16	?
DM31	GE	10/25/85	MILL SLOT	6924.149	8476.398	1153.28	31	18.5	28.5	>31	18.5	?
GGP1	Grail / Gordon Plast	08/21/88	SAW CUT	3967.905	7323.308	1154.17	42	33	43	42	29	13
GGP2	Grail / Gordon Plast	08/21/88	SAW CUT	4108.413	7416.232	1152.92	45	35.5	45.5	45	27	18
GGP3	Grail / Gordon Plast	08/21/88	SAW CUT	4464.696	7937.447	1142.82	32	23	33	32	17	15
GT1	?			5721.492	7167.332	1148.42						?
GT2	?			5671	7167	1147.7						?
GT3	?			5560.011	7170.194	1146.98						?

Table 2-2
Strother Field Monitoring Well and Boring Information
Completion, Geology, Coordinates and Elevation Data

Well ID	Owner / Installer	Date Installed	Screen Type	Northing ¹	Eastings ¹	Coaling Elev. (Base. Point)	Total Depth	Top Screen	Base Screen	Bedrock Depth	Base of Overburden ¹	Sand Thickness
GT4	?			5646.298	7217.914	1148.56						?
MW1A	KDHE	07/15/86	MILL SLOT	3413.747	7497.496	1146.9	36	30	35	36	23	13
MW1	SFP	08/12/83	SAW CUT	3181.877	8584.133	1150.27	42	27	37	42	24	18
MW2A	KDHE	07/21/86	MILL SLOT	3429.667	7234.485	1151.73	41.5	NA	NA	41.5	23	18.5
MW2	SFP	08/12/83	SAW CUT	9716.16	6122.375	1155.21	40	29	38	40	20	20
MW3A	KDHE	07/14/86	MILL SLOT	4449.534	7576.036	1146.62	36.5	31	36	36	15	21
MW3	SFP	08/13/83	SAW CUT	6176.346	6273.962	1146.63	36	25.5	35.5	36	13	23
MW4A	KDHE	07/18/86	MILL SLOT	4081.058	6854.167	1153.21	42	35	40	40.5	19	21.5
MW4B	KDHE	07/18/86	MILL SLOT	4081.139	6850.326	1154.34	25	18.5	23.5	>25	19	?
MW4	SFP	08/18/83	SAW CUT	5868.638	7660.697	1154.09	41.5	30	40	41.5	21	20.5
MW5	SFP	08/18/83	SAW CUT	5357.137	7550.137	1151.02	38	28.5	38.5	38	20	19
MW5A	KDHE	01/88	MILL SLOT	4272	7144	?		35.5	40.5	>40.5	20	?
MW6A	KDHE	07/23/86	MILL SLOT	4202.804	6510.21	1153.34	42.5	35.5	40.5	42	19.5	22.5
MW6	SFP	08/20/83	SAW CUT	3987.741	8500.132	1140.53	29	19	29	29	18	11
MW7A	KDHE	07/28/86	MILL SLOT	5312.211	6534.677	1149.08	38.5	32.5	37.5	37.5	21	16.5
MW7	KDHE	08/18/85	MILL SLOT	2154.021	8188.086	1154.46	44	32	42	44	22	22
MW8	KDHE	08/20/85	MILL SLOT	2175.115	8446.752	1155.6	43.5	31.8	41.8	43.5	20.5	23
MW8A	KDHE	07/30/86	MILL SLOT	5433.082	7273.438	1148.29	36.5	31.5	36.5	36	16	20
MW9B	KDHE	07/30/86	MILL SLOT	5433.223	7273.4	1148.33	23	17.4	22.4	>23	16	?
MW9	KDHE	07/23/85	MILL SLOT	3037.369	8699.185	1148.27	38	20	35	>38	18	?
MW10A	KDHE	08/04/86	MILL SLOT	4094.032	7306.946	1153.42	43.5	38.6	43.6	43.5	20	23.5
MW11B	KDHE	08/08/86	MILL SLOT	6493	6378	?	24.5	19.5	24.5	>24.5	17	?
MW11A	KDHE	08/08/86	MILL SLOT	6493	6378	?	38.7	33.7	38.7	38	17	21
P1	Danley	1981		3768.276	8049.153	1143.68						?
P2	Danley	1981		4214.773	7863.371	1144.75						?
P3	Danley	1981		4343.251	7377.44	1150.92						?
P4	Danley	1981		3624.328	6429.854	1154.08						?
P5	Danley	1981		3361.17	6932.743	1151.45						?
REM1	GE	10/26/85		8779.162	6294.363	1156.65	42	31	41	41	29	12
R11	Danley	1981		8451.715	6443.173	1155.39						?
R12	Danley	08/30/91	MILL SLOT	7995.482	6718.455	1152.76	40	13.5	38.5	39	18.5	20.5
R13	Danley	08/29/91	MILL SLOT	7580.604	6983.349	1158.06	47	19.5	44.5	45	22.5	22.5
R14	Danley	08/27/91	MILL SLOT	7461.817	6456.386	1151.58	38	12.5	37.5	37	18.5	18.5
R15	Danley	08/04/91	MILL SLOT	5772.074	6466.963	1148.59	36	9	34	35	12	23
R16	Danley	08/03/91	MILL SLOT	6013.574	8657.143	1148.99	37	14	34	36	14.5	21.5
R17	Danley	08/03/91	MILL SLOT	4691.075	8428.608	1143.71	32	11.5	31.5	30.5	16.5	14
R18	Danley	08/05/91	MILL SLOT	4160.451	6986.231	1156.97	47	21	46	46	22.5	23.5
RWD1	RURAL WATER DIST	03/16/73	DOERR SS	1065.821	9048.053	1157.23	45	33	45	45	25	20
RWD2	RURAL WATER DIST	03/16/73	DOERR SS	1749.735	8532.284	1155.72	46	33	45	46	27	19
RWD3	RURAL WATER DIST	12/28/78	DOERR SS	1547.124	8488.426	1155.13	44	36	44	44	25	19
SFW1	Brother Field Supply Well	08/28/42		7550.003	8034.392	1156.93	44.1			>44.1	25	?
SFW2	Brother Field Supply Well	08/28/42		7144.786	8041.421	1156	43.5			>43.5	25.5	?
SFW3	Brother Field Supply Well	08/28/42		6755.567	8046.28	1154.02	41.7			>41.7	23	?
SFW4	Brother Field Supply Well	08/28/42		5849.74	8059.414	1152.06	42.2			>42.2	23	?
SFW5	Brother Field Supply Well	08/28/42		5549.446	8065.301	1152.09	41			>41	17.5	?
SFW6	Brother Field Supply Well	08/28/42		8083	8088		41			>41	27	?
SFW7	Brother Field Supply Well	03/12/87		6358.104	8057.732	1152.93	42.5	30.5	42.5	>42.5	23	?
SFW8	Brother Field Supply Well	08/28/71	BRASS	4998.743	8076.833	1151.68	43	32	42	43	25	18
SFW9	Brother Field Supply Well	10/08/71	BRASS	4465.779	6813.272	1153.55	42	32	42	42	25	17
SFW10	Brother Field Supply Well	04/23/86	WIRE WRAPPED	9882.99	5491.313	1163.09	45	35	45	>45	24	?
SFW11	Brother Field Supply Well	04/24/86	WIRE WRAPPED	3454.781	3916.755	1156.65	42	32	42	>42	26	?
SFW12	Brother Field Supply Well			4113.657	3905.582	1157.91						?
SFW13	Brother Field Supply Well	08/20/89	STAINLESS STEEL	8586.018	8343.105	1160.92	51	43	51	51	29	22
SFW14	Brother Field Supply Well											
AG1	KDHE AUGER HOLE	10/25/83		4427	7808							?
AG2	KDHE AUGER HOLE	10/25/83		6823	6884							?
AG3	KDHE AUGER HOLE	10/25/83		8201	7185							?

Table 2-2
Strother Field Monitoring Well and Boring Information
Completion, Geology, Coordinates and Elevation Data

Well ID	Owner / Installer	Date Installed	Screen Type	Northing ¹	Easting ¹	Casing Elev. (Base, Paving)	Total Depth	Top Screen	Base Screen	Bedrock Depth	Base of Overburden ¹	Sand Thickness
AG4	KDHE AUGER HOLE	10/25/83		8628	6877							?
AG5	KDHE AUGER HOLE	10/26/83		3825	7890							?
AG6	KDHE AUGER HOLE	10/31/83		3585	7400							?
AG7	KDHE AUGER HOLE	11/07/83		4196	6784							?
AG8	KDHE AUGER HOLE	11/07/83		8475	7530							?
AG9	KDHE AUGER HOLE	11/15/83		8220	5828							?
AG10	KDHE AUGER HOLE	11/15/83		7908	7016							?
AG11	KDHE AUGER HOLE	11/16/83		7260	7058							?
AG12	KDHE AUGER HOLE	11/20/83		8238	6285							?
AG13	KDHE AUGER HOLE	11/20/83		8893	6432							?
ST1	Strother Field PRPs (AEC)	03/12/87	MILL SLOT	7768.2	8419.8	1156.18	42	20	40	41.5	18	23.5
ST2	Strother Field PRPs (AEC)	03/11/87	MILL SLOT	5767.5	8334.9	1150.07	36.5	16	36	36	20	16
ST3	Strother Field PRPs (AEC)	03/11/87	MILL SLOT	3783.5	8057.1	1144.06	33	12	32	33	18	15
PZ1	SFPRP Piezometers	08/13/86	MILL SLOT	8950.94	8084.21	1161.32	25	22.5	25	>25	22	?
PZ2	SFPRP Piezometers	08/13/86	MILL SLOT	8028.52	8071.88	1159.02	24	21.5	24	>24	21	?
PZ3	SFPRP Piezometers	08/13/86	MILL SLOT	7642.94	8468.47	1154.91	20	17.5	20	>20	17.5	?
PZ4	SFPRP Piezometers	08/13/86	MILL SLOT	7536.78	8038.19	1158.95	25	22.5	25	>25	20.5	?
PZ5	SFPRP Piezometers	08/12/86	MILL SLOT	7183.75	8040.54	1158	25	22.5	25	>25	20	?
PZ6	SFPRP Piezometers	08/12/86	MILL SLOT	6765.91	8046	1155.81	20	17.5	20	>20	18	?
PZ7	SFPRP Piezometers	08/12/86	MILL SLOT	5970.76	8071.3	1154.05	20	17.5	20	>20	16	?
PZ9	SFPRP Piezometers	08/13/86	MILL SLOT	6513.36	8002.4	1146.63	20	17.5	20	>20	15	?
PZ10	SFPRP Piezometers	08/12/86	MILL SLOT	5553.29	8076.75	1153.96	20	17.5	20	>20	18	?
PZ11	SFPRP Piezometers	08/12/86	MILL SLOT	4991.85	8088.86	1152.75	20	17.5	20	>20	18.5	?
PZ12	SFPRP Piezometers	08/12/86	MILL SLOT	4355.69	8347.87	1145.31	20	17.5	20	>20	18	?
HMV1	Hackney Monitoring Well	08/31/82	MILL SLOT	5954.34	8888.18	1147.89	39	29	39	36	17	19
HMV2	Hackney Monitoring Well	08/01/82	MILL SLOT	5849.67	8972.46	1148.75	39.5	29.5	39.5	37	18	19
HMV3	Hackney Monitoring Well	08/02/82	MILL SLOT	5400.49	9273.98	1150.75	40	29.5	39.5	39.5	17.5	22
HMV4	Hackney Monitoring Well	08/02/82	MILL SLOT	4993.42	9276.1	1149.05	39.5	29	39	39	18	21
HMV5	Hackney Monitoring Well	08/01/82	MILL SLOT	5204.63	8963.96	1150.5	42.5	32.5	42.5	41.5	18.5	23
HMV6	Hackney Monitoring Well	05/24/84	MILL SLOT	5342.55	8699.21	1151.7	38	27.5	37.5	37	16	21
HMV7	Hackney Monitoring Well	06/23/84	MILL SLOT	5132.36	8692.61	1149.402	37	26.5	36.5	36	16	20
HMV8	Hackney Monitoring Well	06/25/84	MILL SLOT	4922.09	8682.64	1148.545	37	26.5	36.5	36	17	19
HMV9	Hackney Monitoring Well	05/26/84	MILL SLOT	4902.17	8686.12	1148.266	36	25.5	35.5	35.5	17	18.5
HMV10	Hackney Monitoring Well	05/26/84	MILL SLOT	4921.78	8667.64	1148.041	36	25.5	35.5	35	16	19
JDN-HSE	Hackney Private Well			2513.158	8882.285	1154.18						?
JDN-HYD	Hackney Private Well			2673.626	8832.06	1154.16						?
COOP	Hackney Private Well			5452.763	9193.019	1153.78						?
GB1	Greif Brothers Well	12/05/83	MILL SLOT	3566.613	6873.98	1155.98	43.5	33	43	43	24.5	18.5
GB2	Greif Brothers Well	12/05/83	MILL SLOT	3837.517	6874.053	1154.97	43.5	33	43	43	21	22

Footnotes

¹ Estimated northings and eastings are note in BOLD and ITALIC

² Based on geologic and drillers logs, where available. Values in Bold and Italic have been estimated from isopach maps

Table 2-3
Geologic Zones Intersected by Strother Field Monitoring Wells

Well ID	Total Depth	Top Screen	Base Screen	Bedrock Depth	Base of Overburden ¹	Sand Thickness	Sand Thickness (feet) ²	Calculated Base Zone B	Screen Intercept Clay?	Screen Intercept Upper Sand?	Screen Intercept Lower Sand?	Shallow, Deep or Both?
CMW1A	42	36	41	>42	14	?	28	30.8	NO	NO	YES	deep
CMW1B	22	10	20	>22	14.5	?	28	31.3	YES	YES	NO	shallow
CMW2	26	12	22	>26	13.5	?	20	25.5	YES	YES	NO	shallow
CMW3A	35.5	26	31	35.5	12.4	23.1	23.1	26.26	NO	YES	YES	deep
CMW3B	22	12	22	>22	12.4	?	23	26.2	YES	YES	NO	shallow
CMW4	26	13	23	>26	15.5	?	20.5	27.8	YES	YES	NO	shallow
CMW5	26	12	22	>26	21	?	16.5	30.9	YES	YES	NO	shallow
CMW6	26	13	23	>26	13	?	19	24.4	NO	YES	NO	shallow
CMW7	26	13	23	>26	17	?	19.5	28.7	YES	YES	NO	shallow
CMW8A	41	34	39	>41	18.5	?	22.5	32	NO	NO	YES	deep
CMW8B	31	16	26	>31	18.5	?	22.5	32	YES	YES	NO	shallow
CMW9	29.5	12	22	>29.5	20	?	18	30.8	YES	YES	NO	shallow
CMW10	26	12	22	>26	15.5	?	18	26.3	YES	YES	NO	shallow
CMW11A	37.2	29	34	36.8	17	19.8	20	29	NO	YES	YES	deep
CMW11B	22	12	22	>22	17	?	20	29	YES	YES	NO	shallow
CMW12	26	14	24	>26	17.5	?	22.5	31	YES	YES	NO	shallow
CMW13	26	14	24	>26	15.5	?	21	28.1	YES	YES	NO	shallow
CMW14	29	19	29	>29	21	?	20	33	YES	YES	NO	shallow
DM1	31.5	20	30	>31.5	20	?	21.5	32.9	NO	YES	NO	shallow
DM2	36.5	23	33	>36.5	20	?	21	32.6	NO	YES	YES	both
DM3	36.5	23	33	>36.5	20	?	21	32.6	NO	YES	YES	both
DM4	34.5	21.75	31.75	>34.5	20	?	21	32.6	NO	YES	NO	shallow
DM5	41	35	40	41	19.5	21.5	21.5	32.4	NO	NO	YES	deep
DM6	36.5	31.5	36.5	36.5	19	17.5	17.5	29.5	NO	NO	YES	deep
DM7	36.5	21	26	36.5	19	17.5	17.5	29.5	NO	YES	NO	shallow
DM8	20.5	15	20	>20.5	16	?	23	29.8	YES	YES	NO	shallow
DM9	25.5	20	25	>25.5	29	?	13	36.8	YES	YES	NO	shallow
DM10	40.5	35	40	>40.5	28	?	13	36.8	NO	YES	YES	deep
DM11	40.5	18	23	>40.5	29	?	12	36.2	YES	YES	NO	shallow
DM12	25.5	20	25	>25.5	19	?	18	29.8	NO	YES	NO	shallow
DM13	45.5	40	45	>45.5	24	?	21.5	36.9	NO	NO	YES	deep
DM14	45.5	25	30	>45.5	24	?	21.5	36.9	NO	YES	NO	shallow
DM15	25.5	14	24	>25.5	24	?	15	33	YES	YES	NO	shallow
DM16	29.5	15	25	>29.5	21	?	14	29.4	YES	YES	NO	shallow
DM17	28	15	25	>28	22.5	?	14	30.9	YES	YES	NO	shallow
DM18	26	13	23	>26	18	?	15	27	YES	YES	NO	shallow
DM19	32	18	28	>32	18	?	18.5	29.1	NO	YES	NO	shallow
DM20	26	11	21	>26	17.5	?	17	27.7	YES	YES	NO	shallow
DM21	24.5	11	21	>24.5	13.5	?	21	26.1	YES	YES	NO	shallow
DM22	31	15	25	>31	18	?	21	30.6	YES	YES	NO	shallow
DM23	34.5	20	30	>34.5	23.5	?	22.5	37	YES	YES	NO	shallow
DM24	26	14.5	24.5	>26	17	?	21.5	29.9	YES	YES	NO	shallow
DM25	29.5	17	27	>29.5	17.5	?	21.5	30.4	YES	YES	NO	shallow
DM26	29.5	15	25	>29.5	20	?	17.5	30.5	YES	YES	NO	shallow
DM27	34.5	20	30	>34.5	21	?	21.5	33.9	YES	YES	NO	shallow
DM28	29.5	16	26	>29.5	34.8	?	17.5	35	YES	YES	NO	shallow
DM29	29.5	15.5	25.5	>29.5	22.5	?	16	32.1	YES	YES	NO	shallow
DM30	29.5	16.5	26.5	>29.5	16	?	21.5	28.9	NO	YES	NO	shallow
DM31	31	18.5	28.5	>31	18.5	?	22.5	32	NO	YES	NO	shallow
GGP1	42	33	43	42	29	13	13	36.8	NO	YES	YES	deep
GGP2	45	35.5	45.5	45	27	18	18	37.8	NO	YES	YES	deep
GGP3	32	23	33	32	17	15	15	26	NO	YES	YES	deep
GT1						?	?	?	?	?	?	shallow
GT2						?	?	?	?	?	?	shallow
GT3						?	?	?	?	?	?	shallow

Table 2-3
Geologic Zones Intersected by Strother Field Monitoring Wells

Well ID	Total Depth	Top Screen	Base Screen	Bedrock Depth	Base of Overburden ¹	Sand Thickness	Sand Thickness (net) ¹	Calculated Base Zone B	Screen Intercept Clay?	Screen Intercept Upper Sand?	Screen Intercept Lower Sand?	Shallow, Deep or Both?
GT4					?	?	?	?	?	?	?	shallow
MW1A	36	30	35	36	23	13	13	30.8	NO	YES	YES	deep
MW1	42	27	37	42	24	18	18	34.8	NO	YES	YES	both
MW2A	41.5	NA	NA	41.5	23	18.5	18.5	34.1	NO	NO	YES	deep
MW2	40	29	39	40	20	20	20	32	NO	YES	YES	deep
MW3A	36.5	31	36	36	15	21	21	27.6	NO	NO	YES	deep
MW3	36	25.5	35.5	36	13	23	23	26.8	NO	YES	YES	deep
MW4A	42	35	40	40.5	19	21.5	21.5	31.9	NO	NO	YES	deep
MW4B	25	19.5	23.5	>25	19	?	21.5	31.9	YES	YES	NO	shallow
MW4	41.5	30	40	41.5	21	20.5	20.5	33.3	NO	YES	YES	deep
MW5	39	28.5	38.5	39	20	19	19	31.4	NO	YES	YES	deep
MW5A		35.5	40.5	>40.5	20	?	23	33.8	NO	NO	YES	deep
MW6A	42.5	35.5	40.5	42	19.5	22.5	22.5	33	NO	NO	YES	deep
MW6	29	19	29	29	18	11	11	24.6	NO	YES	YES	both
MW7A	38.5	32.5	37.5	37.5	21	16.5	16.5	30.9	NO	NO	YES	deep
MW7	44	32	42	44	22	22	22	35.2	NO	YES	YES	deep
MW8	43.5	31.8	41.8	43.5	20.5	23	23	34.3	NO	YES	YES	deep
MW9A	36.5	31.5	36.5	36	16	20	20	28	NO	NO	YES	deep
MW9B	23	17.4	22.4	>23	16	?	20	28	NO	YES	NO	shallow
MW9	38	20	35	>38	18	?	19	26.4	NO	YES	YES	deep
MW10A	43.5	38.6	43.6	43.5	20	23.5	23.5	34.1	NO	NO	YES	deep
MW11B	24.5	19.5	24.5	>24.5	17	?	21	29.6	NO	YES	NO	shallow
MW11A	38.7	33.7	38.7	38	17	21	21	29.6	NO	NO	YES	deep
P1					?	?	?	?	NO	?	NO	shallow
P2					?	?	?	?	NO	?	NO	shallow
P3					?	?	?	?	NO	?	NO	shallow
P4					?	?	?	?	NO	?	NO	shallow
P5					?	?	?	?	NO	?	NO	shallow
REM1	42	31	41	41	29	12	12	36.2	NO	YES	YES	both
R11					?	?	16	9.6	NO	YES	NO	both
R12	40	13.5	38.5	39	18.5	20.5	20.5	30.8	YES	YES	YES	both
R13	47	19.5	44.5	45	22.5	22.5	22.5	36	YES	YES	YES	both
R14	38	12.5	37.5	37	18.5	18.5	18.5	29.6	YES	YES	YES	both
R15	36	9	34	35	12	23	23	25.8	YES	YES	YES	both
R16	37	14	34	36	14.5	21.5	21.5	27.4	YES	YES	YES	both
R17	32	11.5	31.5	30.5	16.5	14	14	24.9	YES	YES	YES	both
R18	47	21	46	46	22.5	23.5	23.5	36.6	YES	YES	YES	both
RWD1	45	33	45	45	25	20	20	37	NO	YES	YES	deep
RWD2	46	33	45	46	27	19	19	38.4	NO	YES	YES	deep
RWD3	44	36	44	44	25	19	19	36.4	NO	YES	YES	deep
SFW1	44.1			>44.1	25	?	23	38.8	YES	YES	NO	deep
SFW2	43.5			>43.5	25.5	?	22.5	39	YES	YES	NO	deep
SFW3	41.7			>41.7	23	?	22	36.2	YES	YES	NO	deep
SFW4	42.2			>42.2	23	?	19	34.4	YES	YES	NO	deep
SFW5	41			>41	17.5	?	18	28.3	YES	YES	NO	deep
SFW6	41			>41	27	?	18	37.8	YES	YES	NO	deep
SFW7	42.5	30.5	42.5	>42.5	23	?	21	35.6	NO	YES	YES	deep
SFW8	43	32	42	43	25	18	18	35.8	NO	YES	YES	deep
SFW9	42	32	42	42	25	17	17	35.2	NO	YES	YES	deep
SFW10	45	35	45	>45	24	?	21	36.6	NO	YES	YES	deep
SFW11	42	32	42	>42	26	?	?	?	NO	NO	YES	deep
SFW12					?	?	?	?	NO	?	NO	deep
SFW13	51	43	51	51	29	22	22	42.2	NO	YES	YES	deep
SFW14								?				deep
AG1					?	?	?					shallow
AG2					?	?	?		NO	?	NO	shallow
AG3					?	?	?		NO	?	NO	shallow

Table 2-3
Geologic Zones Intersected by Strother Field Monitoring Wells

Well ID	Total Depth	Top Screen	Base Screen	Bedrock Depth	Base of Overburden ¹	Sand Thickness	Sand Thickness (est.) ²	Calculated Base Zone B	Screen Intercept Clay?	Screen Intercept Upper Sand?	Screen Intercept Lower Sand?	Shallow, Deep or Both?
AG4						?	?	?	NO	?	NO	shallow
AG5						?	?	?	NO	?	NO	shallow
AG6						?	?	?	NO	?	NO	shallow
AG7						?	?	?	NO	?	NO	shallow
AG8						?	?	?	NO	?	NO	shallow
AG9						?	?	?	NO	?	NO	shallow
AG10						?	?	?	NO	?	NO	shallow
AG11						?	?	?	NO	?	NO	shallow
AG12						?	?	?	NO	?	NO	shallow
AG13						?	?	?	NO	?	NO	shallow
ST1	42	20	40	41.5	18	23.5	23.5	32.1	NO	YES	YES	both
ST2	36.5	16	36	36	20	16	16	29.6	YES	YES	YES	both
ST3	33	12	32	33	18	15	15	27	YES	YES	YES	both
PZ1	25	22.5	25	>25	22	?	22	35.2	NO	YES	NO	shallow
PZ2	24	21.5	24	>24	21	?	23	34.8	NO	YES	NO	shallow
PZ3	20	17.5	20	>20	17.5	?	23	31.3	NO	YES	NO	shallow
PZ4	25	22.5	25	>25	20.5	?	23.5	34.6	NO	YES	NO	shallow
PZ5	25	22.5	25	>25	20	?	22.5	33.5	NO	YES	NO	shallow
PZ6	20	17.5	20	>20	18	?	22	31.2	YES	YES	NO	shallow
PZ7	20	17.5	20	>20	16	?	19.5	27.7	NO	YES	NO	shallow
PZ9	20	17.5	20	>20	15	?	22	28.2	NO	YES	NO	shallow
PZ10	20	17.5	20	>20	18	?	18.5	29.1	YES	YES	NO	shallow
PZ11	20	17.5	20	>20	18.5	?	18	29.3	YES	YES	NO	shallow
PZ12	20	17.5	20	>20	18	?	12	25.2	YES	YES	NO	shallow
HMW1	39	29	36	36	17	19	19	28.4	NO	YES	YES	deep
HMW2	39.5	29.5	39.5	37	18	19	19	29.4	NO	YES	YES	deep
HMW3	40	29.5	39.5	39.5	17.5	22	22	30.7	NO	YES	YES	deep
HMW4	39.5	29	39	39	18	21	21	30.6	NO	YES	YES	deep
HMW5	42.5	32.5	42.5	41.5	18.5	23	23	32.3	NO	YES	YES	deep
HMW6	38	27.5	37.5	37	16	21	21	28.6	NO	YES	YES	deep
HMW7	37	26.5	36.5	36	16	20	20	28	NO	YES	YES	deep
HMW8	37	26.5	36.5	36	17	19	19	28.4	NO	YES	YES	deep
HMW9	36	25.5	35.5	35.5	17	18.5	18.5	28.1	NO	YES	YES	deep
HMW10	36	25.5	35.5	35	16	19	19	27.4	NO	YES	YES	deep
JDN-HSE						?		?	?	?	?	
JDN-HYD						?		?	?	?	?	
COOP						?		?	?	?	?	
GB1	43.5	33	43	43	24.5	18.5	18.5	35.6	NO	YES	YES	deep
GB2	43.5	33	43	43	21	22	22	34.2	NO	YES	YES	deep
Footnotes												
1 Based on geologic and drillers logs, where available. Values in Bold and Italic have been estimated from isopach maps.												
2 Based on geologic and drillers logs, where available. Values in Bold and Italic have been estimated from isopach maps.												
3 Zone C Placed at 50% of the estimated sand thickness.												

Table 2
Summary of KDHE Chemical Data
KDHE 5/18/83

Lab ID	Very Chloride	Chloride	1,1 DCA	1,1 DCA	1,2 DCA (total)	1,2 DCA	1,1,1 DCA	Trichloroethane	Benzene	1,1,2-Trichloroethane	Trichloroethane	Toluene	Chlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene	Isoprene (total)	cis-1,2 DCA	trans-1,2 DCA	Carbon Disulfide	Chloroform	Carbon Tetrachloride	2-Butanone	Methylene Chloride	Total VOCs
MMW2A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW3A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW4A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW5A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW6A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW7A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW8A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW9A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW10A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MMW11A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
P1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
P2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
P3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
P4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
P5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
REM1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
R1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
R2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
R3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
R4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
R5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
R6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
R7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
R8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RWD1	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RWD2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
RWD3	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SFW1	ND	ND	3.7	3.8 NA	ND	ND	8.8	894 ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	730.8
SFW2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SFW3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SFW4	ND	ND	77.9	3.8 NA	8.4	120	788 ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1037
SFW5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SFW6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SFW7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SFW8	ND	ND	147	4.1 NA	2	648	3876 ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6750
SFW9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SFW10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SFW11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SFW12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SFW13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SFW14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

KDHE 5/18/03

[illegible]

KDHE 5/31/83

[illegible]

4-2-5
Summary Of Chemical Data
KDHE 8/31/83

Well ID	Top Chloride	Chloride	1,1 DCl	1,1-DCI	1,2-DCI (total)	1,2-DCI	1,1,1-DCI	1,1,2-DCI	Benzene	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,1,2-Tetrachloroethane	Chloroform	1,1,2,2-Tetrachloroethane	1,2-Dichloroethane	Hydrene (total)	on-1,2 DCl	1,2 DCl	Carbon Disulfide	Chloroform	Carbon Tetrachloride	7-Bromonone	Methylene Chloride	Total VOC's
MW2A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW3A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW4A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW6A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW7A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW8A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW9A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW9B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW10SA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW11B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW11A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
P1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
P2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
P3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
P4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
P5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
REM1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
R1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
R2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
R3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
R4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
R5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
R6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
R17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
RND1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
RND2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
RND3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
SPW1	ND	ND	ND	ND	NA	ND	ND	2	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	NA	ND	ND	NA	0.8	2.6
SPW2	ND	ND	7.3	ND	1.8	NA	ND	18.6	1180	ND	ND	ND	ND	ND	NA	NA	NA	128	NA	ND	ND	NA	ND	1303
SPW3	ND	ND	ND	ND	NA	ND	ND	3.4	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	NA	ND	ND	NA	ND	3.4
SPW4	ND	ND	88.8	ND	3.8	NA	ND	0.7	101	623	ND	ND	ND	ND	NA	NA	NA	28.1	NA	ND	ND	NA	ND	1060.2
SPW5	ND	ND	7.4	ND	ND	NA	ND	13.7	902	ND	ND	ND	ND	ND	NA	NA	NA	8.1	NA	ND	ND	NA	ND	848.7
SPW6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SPW7	ND	ND	ND	ND	ND	NA	ND	0.6	37	ND	ND	ND	ND	ND	NA	NA	NA	0.8	NA	ND	ND	NA	ND	5.1
SPW8	ND	ND	171	ND	4.8	NA	ND	2.8	479	3630	ND	ND	ND	ND	NA	NA	NA	808	NA	2	ND	NA	ND	8448.8
SPW9	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	1.7	NA	ND	ND	NA	ND	28.3
SPW10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SPW11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SPW12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SPW13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SPW14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

KDHE 5/31/83

Well ID	Very Chloride	Chloride	1,1-DCI	1,1-BDCI	1,2-DCI (total)	1,2-BDCI	1,1,1-BCI	Trichloroethene	Benzene	1,1,2-Trichloroethene	1,1,2,2-Tetrachloroethene	Isobutene	Chloroethene	1,1,1,2-Tetrachloroethene	1,2-Dichloroethene	Isobutene (total)	cis-1,2-DCI	trans-1,2-DCI	Carbon Tetrachloride	Chloroform	Carbon Trichloride	2-Methanol	Methylene Chloride	Total VOCs
AG07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG1008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AG13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BT1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BT2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BT3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ1008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PZ12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
HMM1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
HMM2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
HMM3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
HMM4	NS	NS	NS	NS	NS																			

**Table 2-
Summary Of Chemical Data
KDHE Oct-Nov, 1983**

[illegible]

Table 2-
Summary Of Chemical Data
KDHE Oct-Nov, 1993

Well ID	Date	Vinyl Chloride	Chloroethene	1,1-DCE	1,1-DCA	1,2-DCE (total)	1,2-DCA	1,1,1-TCA	Trichloroethylene	Benzene	1,1,2-Trichloroethane	Tetrachloroethene	Toluene	Chlorobenzene	1,1,1-Trichloroethane	1,2-Dichlorobenzene	Xylene (total)	cis-1,2-DCE	trans-1,2-DCE	Carbon Disulfide	Chloroform	Carbon Tetrachloride	7-Halocyclopentadiene	Methylene Chloride	Total VOCs
SPW6																									0
SPW7																									0
SPW8																									0
SPW9																									0
SPW10																									0
SPW11																									0
SPW12																									0
SPW13																									0
SPW14																									0
AG1	10/29/93	0	0	40.6	0.5		0.8	51.3	442	0	0	27.5	0	0	0				66.7			1	0	0	831.2
AG2	10/29/93	0	0	0	0		0	0	1.5	0	0	0	0	0	0				0			0	0	0	1.5
AG3	10/29/93	0	0	0	0		0.5	0	2.2	0	0	0	0	0	0				0.5			0.8	0	0	4.2
AG4	10/29/93	245	32.4	186	34.1		1.1	946	5320	2.9	0	0	0	0	0				3810			0.8	0	0	10895
AG5	10/29/93	0	0	0	2.7		0	2.8	36.7	0	0	0	0	0	0				0			0	0	0	76.3
AG6	10/31/93	0	0	0	0		0	0	0	0	0	0	0	0	0				0			0	0	0	0
AG7	11/7/93	0	0	0.6	0		0	0.4	0.6	0	0	0	0	0	0				0			0	0	0	1.6
AG8	11/7/93	0	0	0	0		0	0	0	0	0	0	0	0	0				0			0	0	0	0
AG9	11/16/93	0	0	0	0		0	0	0	0	0	0	0	0	0				0			0	0	0	0
AG10	11/16/93	0	0	0	0		0	0	549	0	0	0	0	0	0				52.1			0	0	0	801.1
AG11	11/16/93	0	0	0	0		0	0	0	0	0	0	0	0	0				0			0	0	0	0
AG12	11/30/93	44.2	0	212	64.9		1.3	347	1960	489	0	0	417	0	182				172			0.8	0	0	3962.7
AG13	11/30/93	0	0	4.8	8.1		0	14.9	17	0.6	0	0	3.5	0	1.0				10.3			0	0	0	80.6
ST1																									0
ST2																									0
ST3																									0
PZ1																									0
PZ2																									0
PZ3																									0
PZ4																									0
PZ5																									0
PZ6																									0
PZ7																									0
PZ8																									0
PZ9																									0
PZ10																									0
PZ11																									0
PZ12																									0
HAW1																									0
HAW2																									0
HAW3																									0
HAW4																									0
HAW5																									0
HAW6																									0
HAW7																									0
HAW8																									0
HAW9																									0
HAW10																									0
JON-HSE																									0
JON-HYD																									0
COOP																									0
GB1																									0
GB2																									0

Table

Table 2-7
Page 1 of 3

Table 2-7
Summary Of Chemical and Water Level Data
Geraghty Miller - April, 1986

[illegible]

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Table 2-8
Page 1 of 3

Table 2-8
Summary Of Chemical And Water Level Data
General Electric - July Aug 1985

[illegible]

Table
Summary Of Chemical Data
KDHE - July Aug 1986

Well ID	Key Character	Observed	1.1 DO	1.1 DOA	1.2 DO (obs)	1.2 DOA	1.1.1 DOA	Injection volume	Flow rate	1.1.2 DOA	Injection volume	Flow rate	Observed	Flow rate	1.2 DOA observed	Injection (obs)	Obs. 1.2 DO	Flow 1.2 DO	Carbon Dioxide	Observed	Carbon Dioxide	Flow rate	Injection (obs)	Observed
CANV1A	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.7)	NO (0.0)	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
CANV1B	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.7)	NO (0.0)	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
CANV2	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.7)	0.7	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
CANV3A	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	0.0	NO (0.0)	NO (0.7)	NO (0.0)	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
CANV3B	NO (0.0)	NO (3.7)	5.2	NO (0.0)	10.7	NO (0.0)	7.2	120	NO (0.4)	NO (0.0)	12.0	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	172
CANV4	NO (0.0)	NO (3.7)	2.0	NO (0.0)	5.1	NO (0.0)	3.7	276	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	287
CANV5	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	1.0	NO (0.0)	NO (0.7)	43.4	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	4
CANV6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CANV7	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.7)	NO (0.0)	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
CANV8A	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	7.2	NO (0.0)	NO (0.7)	30.5	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	46
CANV8B	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.7)	0.7	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	0
CANV9	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	0.0	NO (0.0)	NO (0.7)	NO (0.0)	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	0
CANV10	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.7)	NO (0.0)	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	0
CANV11A	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.7)	NO (0.0)	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
CANV11B	0.4	NO (3.7)	NO (0.0)	2.7	17	NO (0.0)	NO (0.7)	NO (0.0)	0.7	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	29
CANV12	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.0)	NO (0.7)	NO (0.0)	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	0
CANV13	NO (0.0)	NO (3.7)	10.7	NO (0.0)	0.2	NO (0.0)	NO (0.7)	107	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	107
CANV14	NO (0.0)	NO (3.7)	NO (0.0)	NO (0.0)	0.5	NO (0.0)	NO (0.7)	NO (0.0)	NO (0.4)	NO (0.0)	NO (1.1)	NO (0.4)	NO (0.4)	NO (0.7)	NO (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	0
DM1	1.0	NO (3.7)	300	1																				

Table .
Summary Of Chemical Data
KDHE - July Aug 1986

Panel ID	Temp Channel	Observed	1.1 DCI	1.1 DCI	1.2-DCI (wall)	1.2 DCI		Temperature	Barometric	1.1.2 - Inlet channel	Temperature	Temperature	Observed	1.1.2- Barometric	1.2 - Outlet channel	Temperature (solid)	1.1-1.2 DCI	1.1-1.2 DCI	Carbon Dioxide	Chlorine	Carbon Hydroxide	7 Fluorine	Metaphor Chloride	Total VOC:
BMV1A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMV1B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMV2A	ND (0.8)	ND (3.7)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.7)	ND (0.6)	ND (0.4)	ND (0.6)	ND (1.1)	ND (0.4)	ND (0.4)	ND (0.7)	ND (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
BMV2B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMV3A	ND (0.8)	ND (3.7)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.7)	ND (0.6)	ND (0.4)	ND (0.6)	ND (1.1)	ND (0.4)	ND (0.4)	ND (0.7)	ND (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
BMV3B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMV4A	ND (0.8)	ND (3.7)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.7)	ND (0.6)	ND (0.4)	ND (0.6)	ND (1.1)	ND (0.4)	ND (0.4)	ND (0.7)	ND (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
BMV4B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMV5A	ND (0.8)	ND (3.7)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.7)	ND (0.6)	ND (0.4)	ND (0.6)	ND (1.1)	ND (0.4)	ND (0.4)	ND (0.7)	ND (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
BMV5B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMV6A	ND (0.8)	ND (3.7)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.7)	ND (0.6)	ND (0.4)	ND (0.6)	ND (1.1)	ND (0.4)	ND (0.4)	ND (0.7)	ND (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
BMV6B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMV7A	ND (0.8)	ND (3.7)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.7)	ND (0.6)	ND (0.4)	ND (0.6)	ND (1.1)	ND (0.4)	ND (0.4)	ND (0.7)	ND (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
BMV7B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMV8A	ND (0.8)	ND (3.7)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.7)	ND (0.6)	ND (0.4)	ND (0.6)	ND (1.1)	ND (0.4)	ND (0.4)	ND (0.7)	ND (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
BMV8B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMV9A	ND (0.8)	ND (3.7)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.7)	ND (0.6)	ND (0.4)	ND (0.6)	ND (1.1)	ND (0.4)	ND (0.4)	ND (0.7)	ND (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
BMV9B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMV10A	ND (0.8)	ND (3.7)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.7)	ND (0.6)	ND (0.4)	ND (0.6)	ND (1.1)	ND (0.4)	ND (0.4)	ND (0.7)	ND (1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA
BMV10B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMV11A	ND (0.8)	ND (3.7)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.7)	ND (0.6)	ND (0.4)	ND (0.6)	ND (1.1)	ND (0.4)	ND (0.4)	ND (0.										

Table 2-6
Summary Of Chemical Data
KDHE - July Aug 1988

[illegible]

Table 2-1.
Summary of Chemical and Water Level Data
1991 Donley Remedial Investigation

[illegible]

Table 2-10
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Table 2-10
Summary of Chemical and Water Level Data
1991 Donley Remedial Investigation

Well ID	Very Chloride	Chloride	1,1 TLA	1,1 TLA	1,2 DCL (total)	1,2 DCL	1,1,1 TLA	Trichloroethene	Benzene	1,1,2 Trichloroethene	Hexachlorocyclopentadiene	Heptachlor	Chlorobenzene	1-methyl-2-naphthol	1,2 Dinitrobenzene	1,4 Dinitrobenzene	o-cresol	m-cresol	o-cresol	Chloroform	Carbon tetrachloride	2-Naphthol	Methylene Chloride	Isopropyl Alcohol	Water Level (feet)
AG2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AG3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AG4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AG5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AG6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AG7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AG8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AG9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AG10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AG11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AG12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
AG13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
ST1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
ST2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
ST3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PZ12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HBM1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HBM2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HBM3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HBM4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HBM5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HBM6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HBM7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HBM8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HBM9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HBM10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
HBM11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
JON-HSE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
JON-HYD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
COOP	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
GB1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
GB2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Groundwater Analytical Results for Wells in the Greif / Gordon-Platt Area

Table 2-11
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Table 2-1
Summary Of

Table 2-11
Page 2 of 2

Table 2-12
November 15, 1996
Water Level Data

Well ID	Depth to GW	Measuring Point Elevation	WL ELEV
CMW1A	14.53	1151.02	1136.49
CMW1B	14.65	1151.11	1136.46
CMW2	#N/A	1146.1	#N/A
CMW3A	#N/A	1145.55	#N/A
CMW3B	#N/A	1145.73	#N/A
CMW4	#N/A	1151.01	#N/A
CMW5	#N/A	1149.3	#N/A
CMW6	15	1151.12	1136.12
CMW7	16.12	1151.98	1135.86
CMW8A	#N/A	1154.76	#N/A
CMW8B	#N/A	1155.38	#N/A
CMW9	#N/A	1149.24	#N/A
CMW10	#N/A	1149.13	#N/A
CMW11A	12.76	1148.54	1135.78
CMW11B	12.91	1148.63	1135.72
CMW12	17.24	1153.08	1135.84
CMW13	#N/A	1145.79	#N/A
CMW14	12.36	1147.74	1135.38
DM1	#N/A	1152.48	#N/A
DM2	20.63	1155.91	1135.28
DM3	#N/A	1156.04	#N/A
DM4	#N/A	1156.13	#N/A
DM5	16.73	1152.31	1135.58
DM6	11.74	1147.84	1136.1
DM7	11.7	1147.79	1136.09
DM8	13.52	1150.29	1136.77
DM9	#N/A	1157.087	#N/A
DM10	18.26	1155.75	1137.49
DM11	#N/A	1156.11	#N/A
DM12	#N/A	1156.96	#N/A
DM13	22.28	1158.7	1136.42
DM14	22.23	1158.62	1136.39
DM15	17.27	1155.34	1138.07
DM16	18.48	1155.87	1137.39
DM17	17.42	1155.14	1137.72
DM18	17.63	1155.25	1137.62
DM19	22.45	1159.27	1136.82
DM20	15.42	1153.2	1137.78
DM21	13.64	1150.84	1137.2
DM22	16.46	1152.88	1136.42
DM23	22.63	1157.67	1135.04
DM24	14.7	1150.84	1136.14
DM25	20.04	1155.44	1135.4
DM26	#N/A	1155.78	#N/A
DM27	21.88	1157.91	1136.03
DM28	17.51	1155.8	1138.29
DM29	18.94	1156.17	1137.23
DM30	17.1	1151.61	1134.51
DM31	19.11	1153.28	1134.17
GGP1	18.98	1154.17	1135.19
GGP2	17.98	1152.92	1134.94
GGP3	8.51	1142.82	1134.31
GT1	#N/A	1148.42	#N/A
GT2	#N/A	1147.7	#N/A

Table 2-12
November 15, 1996
Water Level Data

GT3	#N/A	1146.98	#N/A
GT4	#N/A	1148.56	#N/A
MW1A	11.79	1146.9	1135.11
MW1	16.14	1150.27	1134.13
MW2A	16.34	1151.73	1135.39
MW2	14.17	1155.21	1141.04
MW3A	11.88	1146.62	1134.74
MW3	10.28	1146.63	1136.35
MW4A	17.28	1153.21	1135.93
MW4B	18.42	1154.34	1135.92
MW4	19.19	1154.09	1134.9
MW5	16.37	1151.02	1134.65
MW5A	#N/A	?	#VALUE!
MW6A	17.45	1153.34	1135.89
MW6	6.5	1140.53	1134.03
MW7A	#N/A	1149.08	#N/A
MW7	15.28	1154.46	1139.18
MW8	14.49	1155.6	1141.11
MW9A	#N/A	1148.29	#N/A
MW9B	#N/A	1148.33	#N/A
MW9	13.92	1148.27	1134.35
MW10A	18.24	1153.42	1135.18
MW11B	#N/A	?	#VALUE!
MW11A	#N/A	?	#VALUE!
P1	9.06	1143.68	1134.62
P2	#N/A	1144.75	#N/A
P3	#N/A	1150.92	#N/A
P4	#N/A	1154.08	#N/A
P5	#N/A	1151.45	#N/A
REM1	#N/A	1156.65	#N/A
RI1	#N/A	1155.39	#N/A
RI2	#N/A	1152.76	#N/A
RI3	#N/A	1158.06	#N/A
RI4	14.75	1151.58	1136.83
RI5	#N/A	1148.59	#N/A
RI6	#N/A	1148.99	#N/A
RI7	9.89	1143.71	1133.82
RI8	#N/A	1156.97	#N/A
RWD1	#N/A	1157.23	#N/A
RWD2	#N/A	1155.72	#N/A
RWD3	#N/A	1155.13	#N/A
SFW1	#N/A	1156.93	#N/A
SFW2	#N/A	1156	#N/A
SFW3	#N/A	1154.02	#N/A
SFW4	#N/A	1152.06	#N/A
SFW5	#N/A	1152.09	#N/A
SFW6	#N/A		#N/A
SFW7	#N/A	1152.93	#N/A
SFW8	#N/A	1151.68	#N/A
SFW9	#N/A	1153.55	#N/A
SFW10	#N/A	1163.09	#N/A
SFW11	#N/A	1156.65	#N/A
SFW12	#N/A	1157.91	#N/A
SFW13	#N/A	1160.92	#N/A
SFW14	#N/A		#N/A
AG1	#N/A		#N/A
AG2	#N/A		#N/A
AG3	#N/A		#N/A

Table 2-12
November 15, 1996
Water Level Data

AG4	#N/A		#N/A
AG5	#N/A		#N/A
AG6	#N/A		#N/A
AG7	#N/A		#N/A
AG8	#N/A		#N/A
AG9	#N/A		#N/A
AG10	#N/A		#N/A
AG11	#N/A		#N/A
AG12	#N/A		#N/A
AG13	#N/A		#N/A
ST1	#N/A	1156.18	#N/A
ST2	#N/A	1150.07	#N/A
ST3	#N/A	1144.06	#N/A
PZ1	25.21	1161.32	1136.11
PZ2	23.64	1159.02	1135.18
PZ3	20.36	1154.91	1134.55
PZ4	24.59	1158.95	1134.36
PZ5	27.12	1158	1130.88
PZ6	21.7	1155.81	1134.11
PZ7	19.47	1154.05	1134.58
PZ9	12.2	1146.63	1134.43
PZ10	19.66	1153.96	1134.3
PZ11	20.86	1152.75	1131.89
PZ12	11.14	1145.31	1134.17
HMW1	#N/A	1147.89	#N/A
HMW2	#N/A	1148.75	#N/A
HMW3	#N/A	1150.75	#N/A
HMW4	#N/A	1149.05	#N/A
HMW5	#N/A	1150.5	#N/A
HMW6	#N/A	1151.7	#N/A
HMW7	#N/A	1149.402	#N/A
HMW8	#N/A	1148.545	#N/A
HMW9	#N/A	1148.266	#N/A
HMW10	#N/A	1148.041	#N/A
JDN-HSE	#N/A	1154.18	#N/A
JDN-HYD	#N/A	1154.16	#N/A
COOP	#N/A	1153.78	#N/A
GB1	#N/A	1155.98	#N/A
GB2	#N/A	1154.97	#N/A

Table 2-13
Greif Facility Soils Investigation
Laboratory Results

SAMPLE	Date	DEPTH	PCE	TCE	cis-1,2-DCE	1,1-DCE	MEK	TOLUENE	ACETONE	MIBK	TCP	ETHYL-BENZENE	DCB	XYLENE1	TOTAL VOLATILES
BH-G4C	Dec-93	10 to 15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
BH-G6A	Dec-93	0 to 5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
BH-G6D	Dec-93	15 to 19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
BH-G7D	Dec-93	15 to 20	93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	93
BH-G9A	Dec-93	0 to 5	ND	ND	ND	ND	ND	330	ND	ND	ND	ND	ND	ND	330
BH-G13C	Dec-93	10 to 15	ND	ND	ND	ND	390	18	ND	ND	ND	ND	ND	ND	408
BH-G14A	Dec-93	0 to 2	ND	ND	ND	ND	ND	890	ND	ND	ND	ND	ND	ND	890
BH-G14E	Dec-93	15 to 20	ND	ND	ND	ND	95,000	2,100	ND	940	770	ND	670	ND	99480
BH-G16A	Dec-93	0 to 5	ND	ND	ND	ND	90	99	ND	ND	ND	ND	ND	ND	189
BH-G16D	Dec-93	15 to 20	ND	ND	ND	ND	140	960	250	ND	ND	54	ND	250	1654
BH-G18A	Dec-93	0 to 5	ND	ND	ND	ND	225	33	ND	ND	ND	ND	ND	ND	258
BH-G20A	Dec-93	0 to 5	26	ND	ND	ND	220	370	ND	ND	ND	ND	ND	ND	616
MW-GB2C	Dec-93	10 to 15	ND	ND	ND	ND	165	24	ND	ND	ND	ND	ND	ND	189
96-A	Mar-96	4 to 5	6.9	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	6.9
96-A	Mar-96	9 to 10	26	16	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	42
96-A	Mar-96	14 to 15	42	25	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	67
96-A	Mar-96	19 to 20	66	38	ND	27	NA	ND	NA	NA	ND	ND	ND	ND	131
96-B	Mar-96	4 to 5	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	0
96-B	Mar-96	9 to 10	31	6	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	37
96-B	Mar-96	14 to 15	6.1	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	6.1
96-B	Mar-96	19 to 20	66	60	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	126
96-C	Mar-96	4 to 5	12	5.8	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	17.8
96-C	Mar-96	19 to 20	74	7.6	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	81.6
96-D	Mar-96	19 to 20	65	33	5.4	ND	NA	ND	NA	NA	ND	ND	ND	ND	103.4
96-E	Mar-96	4 to 5	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	0
96-F	Mar-96	4 to 5	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	0
96-F	Mar-96	9 to 10	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	0
96-F	Mar-96	14 to 15	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	0

1 - Xylenes, Total

2 - Sample results were below method detection limits

3 - Compound concentration exceeds the calibration range of the instrument

4 - Detected but below the method detection limit, result is an estimated concentration

ND - Not detected at or above the method detection limit

MIBK = 4-Methyl-2-Pentanone

TCP = 1,2,3-Trichloropropane

DCB = 1,2 Dichlorobenzene

Table 2-14
Greif Facility Soils Investigation
Field Analytical Results

SAMPLE ID	Date	DEPTH	1,1 DCE	1,1 DCA	MEK	TCE	TOLUENE	PCE	1,1,1 TCA	TOTAL VOLATILES
BH-G1 A	Dec-93	0 to 5	ND	ND	ND	0.3	ND	0.9	ND	1.2
BH-G1 B	Dec-93	5 to 10	ND	ND	ND	0.3	ND	0.6	0.4	1.3
BH-G1 C	Dec-93	10 to 15	ND	ND	ND	0.2	ND	1.3	ND	1.5
BH-G1 D	Dec-93	15 to 20	ND	ND	ND	0.2	ND	0.4	0.5	1.1
BH-G2 A	Dec-93	0 to 5	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G2 B	Dec-93	5 to 10	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G2 C	Dec-93	10 to 15		3	ND	1.8	ND	ND	ND	4.8
BH-G2 D	Dec-93	15 to 20	ND	ND	ND	23	ND	ND	ND	23
BH-G3 A	Dec-93	0 to 5		26	ND	0.1	ND	0.1	ND	26.2
BH-G3 B	Dec-93	5 to 10	ND	ND	ND	0.2	ND	ND	ND	0.2
BH-G3 B(dup)	Dec-93	5 to 10	ND	ND	ND	0.2	ND	ND	ND	0.2
BH-G3 C	Dec-93	10 to 15	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G3 D	Dec-93	15 to 20	ND	ND	ND	1	36	ND	1.6	38.6
BH-G4 A	Dec-93	0 to 5		8	ND	43.3	ND	258	2.6	311.9
BH-G4 B	Dec-93	5 to 10	ND	ND	ND	3.8	ND	3.5	0.4	7.7
BH-G4 B (dup)	Dec-93	5 to 10	ND	ND	ND	3.2	ND	4.9	1.4	9.5
BH-G4 C *	Dec-93	10 to 15		14.7	ND	50.2	ND	38.4	1.1	104.4
BH-G5 A	Dec-93	0 - 2		13	ND	4.5	ND	19.1	4	40.6
BH-G5 B	Dec-93	2 to 5		4	ND	1	ND	2.3	2.4	9.7
BH-G5 C	Dec-93	5 to 10	ND	ND	ND	0.5	ND	1.5	0.9	2.9
BH-G5 D	Dec-93	10 to 15	ND	ND	ND	0.6	ND	1.7	0.7	3
BH-G5 E	Dec-93	15 to 20	ND	ND	ND	3.8	ND	4	1	8.8
BH-G6 A *	Dec-93	0 to 5	ND	ND	ND	5.3	ND	0.9	ND	6.2
BH-G6 B	Dec-93	5 to 10	ND	ND	ND	2.3	6	0.3	0.5	9.1
BH-G6 C	Dec-93	10 to 15		29	ND	29.7	ND	13.2	0.9	72.8
BH-G6 D *	Dec-93	15 to 20		128	ND	3	57.6	4	64.8	259.6
BH-G7 A	Dec-93	0 to 5		12	ND	40.6	ND	612	32.6	697.2
BH-G7 B	Dec-93	5 to 10		38	ND	371	ND	71,900.00	>120.0	72,429.00
BH-G7 C	Dec-93	10 to 15		48	ND	135	4	47,200.00	>110.0	47,497.00
BH-G7 D *	Dec-93	15 to 20		75	ND	62.6	ND	4,990.00	37	5,164.60
BH-G8 A	Dec-93	0 to 5	ND	ND	ND	0.1	ND	ND	1.2	1.3
BH-G8 B	Dec-93	5 to 10		6	ND	ND	ND	ND	0.7	6.7
BH-G8 C	Dec-93	10 to 15		4	ND	ND	0.1	ND	ND	4.1
BH-G8 C (dup)	Dec-93	10 to 15		10	ND	ND	0.1	ND	ND	10.1
BH-G8 D	Dec-93	15 to 20	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G9 A *	Dec-93	0 to 5	ND	ND	ND	0.1	ND	0.2	0.7	1
BH-G9 B	Dec-93	5 to 10		4	ND	0.2	ND	ND	1	5.2
BH-G9 C	Dec-93	10 to 15	ND	ND	ND	0.2	ND	ND	ND	0.2
BH-G9 D	Dec-93	15-20	ND	ND	ND	0.3	ND	0.1	0.5	0.9
BH-G10 A	Dec-93	0 to 5	ND	ND	ND	0.3	ND	0.1	ND	0.4
BH-G10 B	Dec-93	5 to 10	ND	ND	ND	0.3	ND	0.2	ND	0.5
BH-G10 C	Dec-93	10 to 15	ND	ND	ND	0.6	ND	0.1	ND	0.7
BH-G10 D	Dec-93	15 to 20	ND	ND	ND	1.6	ND	0.3	ND	1.9
BH-G11 A	Dec-93	0 to 5	ND	ND	ND	0.3	ND	0.1	ND	0.4
BH-G11 B	Dec-93	5 to 10	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G11 C	Dec-93	10 to 15	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G12 A	Dec-93	0 to 5		4	ND	0.4	ND	0.1	ND	4.5
BH-G12 B	Dec-93	5 to 10	ND	ND	ND	0.2	ND	ND	ND	0.2
BH-G12 C	Dec-93	10 to 15	ND	ND	ND	0.2	ND	ND	ND	0.2
BH-G12 D	Dec-93	15 to 20	ND	ND	ND	0.3	ND	ND	ND	0.3
BH-G13 A	Dec-93	0 to 5		4	ND	0.2	ND	0.1	ND	4.3
BH-G13 B	Dec-93	5 to 10	ND	ND	ND	0.2	ND	ND	ND	0.2
BH-G13 C *	Dec-93	10 to 15	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G14 A *	Dec-93	0 - 2		15	ND	66	0.7	3,440.00	7.8	3,530.80
BH-G14 A(dup)	Dec-93	0 - 2		16	ND	72	1.3	10,200.00	16.2	10,308.50
BH-G14 B	Dec-93	2 to 5		115	ND	2,580.00	2.5	27,000.00	68.6	29,775.80
BH-G14 C	Dec-93	5 to 10		1,550.00	ND	>16,000.0	36.7	>82,000.0	666	100,336.30

Table 2-14
Greif Facility Soils Investigation
Field Analytical Results

SAMPLE ID	Date	DEPTH	1,1 DCE	1,1 DCA	MEK	TCE	TOLUENE	PCE	1,1,1 TCA	TOTAL VOLATILES
BH-G14 D	Dec-93	10 to 15	2620	ND	>32,000.0	82.2	>180,000.0	1,380.00	220	216,302.20
BH-G14 E *	Dec-93	15 to 20	2500	ND	>26,000.0	162	>170,000.0	2,460.00	>360.0	201,482.00
BH-G15 A	Dec-93	0 to 5	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G15 B	Dec-93	5 to 10	ND	ND	ND	0.2	ND	ND	ND	0.2
BH-G15 C	Dec-93	10 to 15	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G15 D	Dec-93	15 to 20	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G16 A *	Dec-93	0 to 5	5	ND	ND	0.1	ND	1.6	ND	6.7
BH-G16 B	Dec-93	5 to 10	ND	ND	ND	0.1	ND	0.2	ND	0.3
BH-G16 C	Dec-93	10 to 15	ND	ND	ND	0.5	10,900.00	0.3	1.1	10,901.90
BH-G16 D *	Dec-93	15 to 20	59	ND	137	2.9	>61,000.0	9.5	10.4	61,218.80
BH-G17 A	Dec-93	0 to 5	ND	ND	6	0.4	ND	0.5	1.1	8
BH-G17 B	Dec-93	5 to 10	ND	ND	4	0.3	ND	0.1	0.4	4.8
BH-G17 C	Dec-93	10 to 15	ND	ND	59	0.3	ND	0.1	0.4	59.8
BH-G17 D	Dec-93	15- 20	ND	ND	23	0.3	ND	0.1	ND	23.4
BH-G18 A *	Dec-93	0 to 5	21	ND	5	3.6	ND	1.7	1.5	32.8
BH-G18 B	Dec-93	5 to 10	14	ND	ND	2.6	ND	ND	0.9	17.5
BH-G18 C	Dec-93	10 to 15	48	ND	ND	8.6	ND	0.2	1.4	58.2
BH-G18 D	Dec-93	15 to 20	290	ND	6	39.8	ND	1	101	437.8
BH-G19 A	Dec-93	0 to 5	47	ND	4	12.2	ND	19.4	0.4	83
BH-G19 B	Dec-93	5 to 10	ND	ND	ND	1.8	ND	1.5	ND	3.3
BH-G19 C	Dec-93	10 to 15	ND	ND	ND	4.5	ND	50.7	ND	55.2
BH-G20 A *	Dec-93	0 to 5	44	ND	ND	212	52	844	>56.0	1,208.00
BH-G20 B	Dec-93	5 to 10	48	ND	3	73.7	21	80.5	28.2	254.4
BH-G20 C	Dec-93	10 to 15	368	ND	3	432	28	260	17.5	1,108.50
BH-G20 D	Dec-93	15 to 20	852	ND	ND	961	19	534	28.2	2,394.20
MW-GB1 A	Dec-93	0 to 5	6	ND	ND	0.2	ND	ND	0.7	6.9
MW-GB1 B	Dec-93	5 to 10	ND	ND	ND	0.1	ND	ND	0.4	0.5
MW-GB1 C	Dec-93	10 to 15	17	ND	ND	0.1	ND	ND	0.7	17.8
MW-GB1 D	Dec-93	15 to 20	ND	ND	ND	ND	ND	ND	0.4	0.4
MW-GB1 E	Dec-93	20 - 25	ND	ND	ND	ND	ND	ND	ND	0
MW-GB2 A	Dec-93	0 to 5	ND	ND	ND	0.1	ND	0.2	ND	0.3
MW-GB2 B	Dec-93	5 to 10	12	ND	ND	0.1	ND	ND	ND	12.1
MW-GB2 C *	Dec-93	10 to 15	70	ND	ND	0.1	ND	0.1	ND	70.2
MW-GB2 D	Dec-93	15 to 20	ND	ND	ND	0.1	ND	ND	ND	0.1
96-B	Mar-96	4 to 5	NA	NA	NA	136.6	NA	97	NA	233.6
96-B	Mar-96	14 to 15	NA	NA	NA	216.2	NA	231.1	NA	447.3
96-B	Mar-96	19-20	NA	NA	NA	384.7	NA	358	NA	742.7
96-C	Mar-96	4 to 5	NA	NA	NA	174.8	NA	136.6	NA	311.4
96-C	Mar-96	9 to 10	NA	NA	NA	150.7	NA	92.2	NA	242.9
96-C	Mar-96	14-15	NA	NA	NA	165.9	NA	274.5	NA	440.4
96-C	Mar-96	19-20	NA	NA	NA	170	NA	303.6	NA	473.6
96-D	Mar-96	4 to 5	NA	NA	NA	2898.5	NA	5374	NA	8272.5
96-D	Mar-96	9 to 10	NA	NA	NA	2529.6	NA	1651.8	NA	4181.4
96-D	Mar-96	14 to 15	NA	NA	NA	2709.6	NA	1864	NA	4573.6
96-D	Mar-96	19 to 20	NA	NA	NA	3808.8	NA	7753.6	NA	11562.4
96-E	Mar-96	4 to 5	NA	NA	NA	113.4	NA	ND	NA	113.4
96-E	Mar-96	9 to 10	NA	NA	NA	125.1	NA	ND	NA	125.1
96-E	Mar-96	15 to 16	NA	NA	NA	131.9	NA	ND	NA	131.9

1 - Xylenes, Total

2 - Sample results were below method detection limits

3 - Compound concentration exceeds the calibration range of the instrument

4 - Detected but below the method detection limit, result is an estimated concentration

ND - Not detected at or above the method detection limit

MIBK - 4-Methyl-2-Pentanone

TCP - 1,2,3-Trichloropropane

DCB - 1,2 Dichlorobenzene

TABLE 3.

CHEMICAL DATA FOR STROTHER FIELD SUPPLY, KDHE and GE MONITORING WELLS

STROTHER FIELD SUPPLY WELLS	STATE ID	DATE	SAMPLED BY	TOTAL VOLATILE ORGANICS	METHYL CHLORIDE	METHYL BROMIDE	VINYL CHLORIDE	CHLORO ETHANE	METHYLENE CHLORIDE
-----	-----	----	-----	-----	-----	-----	-----	-----	-----
SFW-1	31001	8-1-82	USEPA	192	0	0	0	0	0
SFW-1	31001	5-18-83	KDHE	730.8	0	0	0	0	0
SFW-1	31001	5-31-83	KDHE	2.6	0	0	0	0	0
SFW-1	31001	6-28-83	KDHE	713.3	0	0	0	0	.6
SFW-1	31001	9-6-83	KDHE	704.2	0	0	0	0	0
SFW-1	31001	1-23-84	KDHE	7.6	0	0	5	0	0
SFW-2	31002	5-31-83	KDHE	1303.7	0	0	0	0	0
SFW-2	31002	10-17-83	KDHE	1906	0	0	0	0	0
SFW-3	31003	8-1-82	USEPA	4.5	0	0	0	0	0
SFW-3	31003	5-31-83	KDHE	7.9	0	0	0	0	0
SFW-3	31003	9-6-83	KDHE	4.7	0	0	0	0	0
SFW-3	31003	12-22-83	KDHE	1969.6	0	0	0	0	0
SFW-4	31004	8-1-83	USEPA	157.7	0	0	0	0	1.3
SFW-4	31004	5-18-83	KDHE	1046.9	0	0	0	0	0
SFW-4	31004	5-31-83	KDHE	1060.5	0	0	0	0	0
SFW-4	31004	11-21-83	KDHE	1457.5	0	0	0	0	0
SFW-4	31004	12-22-83	KDHE	1152.8	0	0	2.5	0	1.1
SFW-4	31004	1-23-84	KDHE	975.6	0	0	0	0	.7
SFW-4	31004	2-20-84	KDHE	1396.5	0	0	0	0	0
SFW-5	31005	5-31-83	KDHE	645.7	0	0	0	0	0
SFW-7	31007	4-27-83	KDHE	5	0	0	0	0	0
SFW-7	31007	5-31-83	KDHE	6.1	0	0	1	0	0
SFW-7	31007	10-17-83	KDHE	4.2	0	0	0	0	0
SFW-8	31008	8-1-83	USEPA	220.1	0	0	0	0	0
SFW-8	31008	8-11-83	USEPA	326.7	0	0	0	0	0
SFW-8	31008	5-18-83	KDHE	5757.3	0	0	0	0	0
SFW-8	31008	5-31-83	KDHE	5449.8	0	0	0	0	0
SFW-8	31008	6-28-83	KDHE	5917.6	0	0	0	0	0
SFW-8	31008	9-6-83	KDHE	5338.4	0	0	1.2	0	0
SFW-8	31008	10-7-83	KDHE	4809.8	0	0	1.4	0	0
SFW-8	31008	10-17-83	KDHE	5129.6	0	0	0	0	0
SFW-8	31008	11-21-83	KDHE	5809.4	0	0	0	0	0
SFW-8	31008	12-22-83	KDHE	4858.5	0	0	0	0	19.8
SFW-8	31008	1-23-84	KDHE	4079.5	0	0	0	0	0
SFW-8	31008	2-20-84	KDHE	2553.3	0	0	0	0	0
SFW-9	31009	4-27-83	KDHE	34.8	0	0	0	0	0
SFW-9	31009	5-31-83	KDHE	28.3	0	0	0	0	0
SFW-9	31009	6-28-83	KDHE	3616.5	0	0	0	0	0
SFW-9	31009	10-7-83	KDHE	1392	0	0	1.8	0	0
SFW-9	31009	10-8-83	KDHE	449.6	0	0	0	0	0
SFW-9	31009	12-22-83	KDHE	2707.2	0	0	0	0	0
SFW-9	31009	1-23-84	KDHE	791.3	0	0	0	0	0

TABLE 3 CONTINUED

STROTHER FIELD SUPPLY WELLS -----	STATE ID -----	DATE ----	SAMPLED BY -----	1,1-DICHLORO ETHYLENE -----	1,1-DICHLORO ETHANE -----	TRANS-1,2-DI CHLOROETHYLENE -----	CHLORO FORM -----	1,2-DICHLORO ETHANE -----	1,1,1-TRI CHLOROETHANE -----
SFW-1	31001	8-1-82	USEPA						
SFW-1	31001	5-18-83	KDHE	.5	.4	30	0		
SFW-1	31001	5-31-83	KDHE	3.7	3.6	124	0	0	1.1
SFW-1	31001	6-28-83	KDHE	0	0	0	0	0	5.5
SFW-1	31001	9-6-83	KDHE	3.2	3.8	117	0	0	0
SFW-1	31001	1-23-84	KDHE	3.3	4.9	147	0	0	4.3
			KDHE	0	.4	1	0	0	0
SFW-2	31002	5-31-83	KDHE	7.3	1.9	125	0	.9	0
SFW-2	31002	10-17-83	KDHE	11.3	3.6	138	0	0	18.8
							0	0	19.1
SFW-3	31003	8-1-82	USEPA	0	0	.3	0	0	0
SFW-3	31003	5-31-83	KDHE	0	0	0	0	0	0
SFW-3	31003	9-6-83	KDHE	0	0	.5	0	0	0
SFW-3	31003	12-22-83	KDHE	83.7	5.3	222	61.7	1.2	203
SFW-4	31004	8-1-83	USEPA	1.8	0	17	2.2	0	4.3
SFW-4	31004	5-18-83	KDHE	77.9	3.5	25.8	0	.4	120
SFW-4	31004	5-31-83	KDHE	68.9	3.5	29.1	10.4	.7	101
SFW-4	31004	11-21-83	KDHE	231	7.3	41.4	13.9	.9	171
SFW-4	31004	12-22-83	KDHE	91	4.9	30.2	12.9	.7	98.2
SFW-4	31004	1-23-84	KDHE	51.7	4.1	30.3	7.9	.6	10.3
SFW-4	31004	2-20-84	KDHE	29	1.6	151	1.5	.7	150
SFW-5	31005	5-31-83	KDHE	7.4	0	8.1	0	0	13.7
SFW-7	31007	4-27-83	KDHE	0	0	1	0	0	.5
SFW-7	31007	5-31-83	KDHE	0	0	.8	0	0	.6
SFW-7	31007	10-17-83	KDHE	0	0	.6	0	0	.5
SFW-8	31008	8-1-83	USEPA	1.5	.3	30	2.1	0	3.4
SFW-8	31008	8-11-83	USEPA	3	0	43	1	0	10
SFW-8	31008	5-18-83	KDHE	147	4.1	758	1.6	2	545
SFW-8	31008	5-31-83	KDHE	171	4.5	806	2	2.0	479
SFW-8	31008	6-28-83	KDHE	109	5.4	656	3.1	1.6	429
SFW-8	31008	9-6-83	KDHE	133	4.2	778	1.5	1.5	356
SFW-8	31008	10-7-83	KDHE	207	5.8	899	0	0	298
SFW-8	31008	10-17-83	KDHE	168	6.9	690	4.6	5.1	307
SFW-8	31008	11-21-83	KDHE	259	6.6	850	0	0	445
SFW-8	31008	12-22-83	KDHE	130	4.5	590	0	0	309
SFW-8	31008	1-23-84	KDHE	99.5	0	492	0	0	294
SFW-8	31008	2-20-84	KDHE	71.3	0	317	0	0	235
SFW-9	31009	4-27-83	KDHE	1.9	0	1.7	0	0	10.2
SFW-9	31009	5-31-83	KDHE	1.9	0	1.7	0	0	4.7
SFW-9	31009	6-28-83	KDHE	103	1.1	328	0	0	330
SFW-9	31009	10-7-83	KDHE	16.2	1.7	750.9	0	0	107
SFW-9	31009	10-8-83	KDHE	13.8	1.7	413	0	0	30.8
SFW-9	31009	12-22-83	KDHE	75	0	118	0	0	109
SFW-9	31009	1-23-84	KDHE	10.1	0	118	0	0	61.4

TABLE 3 CONTINUED

STROTHER FIELD SUPPLY WELLS -----	STATE ID -----	DATE -----	SAMPLED BY -----	CARBON TETRA CHLORIDE -----	DICHLORO BROMOMETHANE -----	1,2-DICHLORO PROPANE -----	TRANS 1,3-DI CHLOROPROPENE -----	TRICHLORO ETHYLENE -----	BENZENE -----
SFW-1	31001	8-1-82	USEPA	0	0	0	0	160	0
SFW-1	31001	5-18-83	KDHE	0	0	0	0	594	0
SFW-1	31001	5-31-83	KDHE	0	0	0	0	2	0
SFW-1	31001	6-28-83	KDHE	0	0	0	0	585	0
SFW-1	31001	9-6-83	KDHE	0	0	0	0	536	0
SFW-1	31001	1-23-84	KDHE	0	0	0	0	5.3	0
SFW-2	31002	5-31-83	KDHE	0	0	0	0	1150	0
SFW-2	31002	10-17-83	KDHE	0	0	0	0	834	0
SFW-3	31003	8-1-82	USEPA	0	0	0	0	4.2	0
SFW-3	31003	5-31-83	KDHE	0	0	0	0	3.4	0
SFW-3	31003	9-6-83	KDHE	0	0	0	0	4.2	0
SFW-3	31003	12-22-83	KDHE	3.1	9.9	0	0	1260	.4
SFW-4	31004	8-1-83	USEPA	0	0	0	0	130	0
SFW-4	31004	5-18-83	KDHE	.5	0	0	0	786	0
SFW-4	31004	5-31-83	KDHE	0	.7	0	0	823	0
SFW-4	31004	11-21-83	KDHE	1.2	0	0	0	973	0
SFW-4	31004	12-22-83	KDHE	1	.7	0	0	902	0
SFW-4	31004	1-23-84	KDHE	1.1	0	0	0	859	0
SFW-4	31004	2-20-84	KDHE	.4	0	0	0	946	0
SFW-5	31005	5-31-83	KDHE	1.8	0	0	0	602	0
SFW-7	31007	4-27-83	KDHE	0	0	0	0	3.5	0
SFW-7	31007	5-31-83	KDHE	0	0	0	0	3.7	0
SFW-7	31007	10-17-83	KDHE	0	0	0	0	3.1	0
SFW-8	31008	8-1-83	USEPA	0	0	0	0	180	0
SFW-8	31008	8-11-83	USEPA	0	0	0	0	260	0
SFW-8	31008	5-18-83	KDHE	0	0	0	0	3070	0
SFW-8	31008	5-31-83	KDHE	0	0	1	0	3520	.9
SFW-8	31008	6-28-83	KDHE	.4	5	0	0	4310	.7
SFW-8	31008	9-6-83	KDHE	0	0	0	0	3720	.9
SFW-8	31008	10-7-83	KDHE	0	0	0	0	3400	0
SFW-8	31008	10-17-83	KDHE	0	0	0	0	3690	0
SFW-8	31008	11-21-83	KDHE	0	0	0	0	3880	0
SFW-8	31008	12-22-83	KDHE	0	0	0	0	3550	0
SFW-8	31008	1-23-84	KDHE	0	0	0	0	2890	0
SFW-8	31008	2-20-84	KDHE	0	0	0	0	1740	0
SFW-9	31009	4-27-83	KDHE	0	0	0	0	3.5	0
SFW-9	31009	5-31-83	KDHE	0	0	0	0	3.7	0
SFW-9	31009	6-28-83	KDHE	0	0	0	0	3.1	0
SFW-9	31009	10-7-83	KDHE	0	0	0	0	3.5	0
SFW-9	31009	10-8-83	KDHE	0	0	0	0	3.7	0
SFW-9	31009	12-22-83	KDHE	0	0	0	0	3.1	0
SFW-9	31009	1-23-84	KDHE	0	0	0	0	3.5	0

STROTHER FIELD SUPPLY WELLS	STATE ID	DATE	SAMPLED BY	CHLORODI BROMOETHANE	CIS 1,1-DI CHLOROPROPENE	1,1,2-TRI CHLOROETHANE	BROMOFORM	1,1,2,2-TETRA CHLOROETHANE	TETRACHLORO ETHYLENE
SPW-1	31001	8-1-82	USEPA	0	0	0	0	0	0
SPW-1	31001	5-18-83	KDHE	0	0	0	0	0	0
SPW-1	31001	5-31-83	KDHE	0	0	0	0	0	0
SPW-1	31001	6-20-83	KDHE	0	0	0	0	0	0
SPW-1	31001	9-6-83	KDHE	0	0	0	0	0	0
SPW-1	31001	1-23-84	KDHE	0	0	0	0	0	0
SPW-2	31002	5-31-83	KDHE	0	0	0	0	0	0
SPW-2	31002	10-17-83	KDHE	0	0	0	7	0	0
SPW-3	31003	8-1-82	USEPA	0	0	0	0	0	0
SPW-3	31003	5-31-83	KDHE	.5	0	0	4	0	0
SPW-3	31003	9-6-83	KDHE	0	0	0	0	0	0
SPW-3	31003	12-22-83	KDHE	1.5	0	0	4.5	0	112
SPW-4	31004	8-1-83	USEPA	0	0	0	0	0	2.4
SPW-4	31004	5-18-83	KDHE	.9	0	0	9	0	14.9
SPW-4	31004	5-31-83	KDHE	2	0	.5	7.1	0	13.6
SPW-4	31004	11-21-83	KDHE	0	0	0	0	0	14.2
SPW-4	31004	12-22-83	KDHE	0	0	0	0	0	10.5
SPW-4	31004	1-23-84	KDHE	0	0	0	0	0	10.6
SPW-4	31004	2-20-84	KDHE	1	0	0	8.3	0	107
SPW-5	31005	5-31-83	KDHE	0	0	0	0	0	12.7
SPW-7	31007	4-27-83	KDHE	0	0	0	0	0	0
SPW-7	31007	5-31-83	KDHE	0	0	0	0	0	0
SPW-7	31007	10-17-83	KDHE	0	0	0	0	0	0
SPW-8	31008	8-1-83	USEPA	0	0	0	0	0	2.8
SPW-8	31008	8-11-83	USEPA	0	0	0	0	0	9.7
SPW-8	31008	5-18-83	KDHE	.6	0	0	0	0	421
SPW-8	31008	5-31-83	KDHE	0	0	1.3	6.7	0	461
SPW-8	31008	6-20-83	KDHE	0	0	1.6	0	0	369
SPW-8	31008	9-6-83	KDHE	12.6	0	2.1	12.5	0	340
SPW-8	31008	10-7-83	KDHE	0	0	0	.7	1.2	400
SPW-8	31008	10-17-83	KDHE	0	0	0	0	0	258
SPW-8	31008	11-21-83	KDHE	0	0	0	0	0	349
SPW-8	31008	12-22-83	KDHE	0	0	0	0	0	275
SPW-8	31008	1-23-84	KDHE	0	0	0	0	0	304
SPW-8	31008	2-20-84	KDHE	0	0	0	0	0	190
SPW-9	31009	4-27-83	KDHE	0	0	0	0	0	17
SPW-9	31009	5-31-83	KDHE	0	0	0	0	0	17
SPW-9	31009	6-20-83	KDHE	0	0	0	0	0	17
SPW-9	31009	10-7-83	KDHE	0	0	0	0	0	123
SPW-9	31009	10-8-83	KDHE	0	0	0	0	0	123
SPW-9	31009	12-22-83	KDHE	0	0	0	0	0	124
SPW-9	31009	1-23-84	KDHE	0	0	0	0	0	174
SPW-9	31009	1-23-84	KDHE	.9	0	0	0	0	50.6

TABLE 3 CONTINUED

STROTHER FIELD SUPPLY WELLS -----	STATE ID -----	DATE ----	SAMPLED BY -----	TOLUENE -----	CHLORO BENZENE -----	ETHYL BENZENE -----
SFW-1	31001	8-1-82	USEPA	0	0	0
SFW-1	31001	5-18-83	KDHE	0	0	0
SFW-1	31001	5-31-83	KDHE	0	0	0
SFW-1	31001	6-28-83	KDHE	0	0	0
SFW-1	31001	9-6-83	KDHE	0	0	0
SFW-1	31001	1-23-84	KDHE	0	0	0
SFW-2	31002	5-31-83	KDHE	0	0	0
SFW-2	31002	10-17-83	KDHE	0	0	0
SFW-3	31003	8-1-82	USEPA	0	0	0
SFW-3	31003	5-31-83	KDHE	0	0	0
SFW-3	31003	9-6-83	KDHE	0	0	0
SFW-3	31003	12-22-83	KDHE	0	0	0
SFW-4	31004	8-1-83	USEPA	0	0	0
SFW-4	31004	5-18-83	KDHE	0	0	0
SFW-4	31004	5-31-83	KDHE	0	0	0
SFW-4	31004	11-21-83	KDHE	0	0	0
SFW-4	31004	12-22-83	KDHE	0	0	0
SFW-4	31004	1-23-84	KDHE	0	0	0
SFW-4	31004	2-28-84	KDHE	0	0	0
SFW-5	31005	5-31-83	KDHE	0	0	0
SFW-7	31007	4-27-83	KDHE	0	0	0
SFW-7	31007	5-31-83	KDHE	0	0	0
SFW-7	31007	10-17-83	KDHE	0	0	0
SFW-8	31008	8-1-83	USEPA	0	0	0
SFW-8	31008	8-11-83	USEPA	0	0	0
SFW-8	31008	5-18-83	KDHE	0	0	0
SFW-8	31008	5-31-83	KDHE	0	0	0
SFW-8	31008	6-28-83	KDHE	0	0	0
SFW-8	31008	9-6-83	KDHE	0	0	0
SFW-8	31008	10-7-83	KDHE	0	0	0
SFW-8	31008	10-17-83	KDHE	0	0	0
SFW-8	31008	11-21-83	KDHE	0	0	0
SFW-8	31008	12-22-83	KDHE	0	0	0
SFW-8	31008	1-23-84	KDHE	0	0	0
SFW-8	31008	2-28-84	KDHE	0	0	0
SFW-9	31009	4-27-83	KDHE	0	0	0
SFW-9	31009	5-31-83	KDHE	0	0	0
SFW-9	31009	6-28-83	KDHE	0	0	0
SFW-9	31009	10-7-83	KDHE	0	0	0
SFW-9	31009	10-8-83	KDHE	0	0	0
SFW-9	31009	12-22-83	KDHE	0	0	0
SFW-9	31009	1-23-84	KDHE	0	0	0

TABLE 3 CONTINUED

STROTHER FIELD MONITORING WELLS	STATE ID	DATE	SAMPLED BY	TOTAL VOLATILE ORGANICS	METHYL CHLORIDE	METHYL BROMIDE	VINYL CHLORIDE	CHLORO ETHANE	METHYLENE CHLORIDE
MW-1	33051	9-22-83	KDHE	0	0	0	0	0	0
MW-1	33051	1-24-84	KDHE	0	0	0	0	0	0
MW-2	33052	9-23-83	KDHE	11.6	0	0	0.9	0	0
MW-2	33052	1-6-84	KDHE	0	0	0	0	0	0
MW-2	33052	1-25-84	KDHE	3.9	0	0	1.7	0	0
MW-3	33053	9-23-83	KDHE	0	0	0	0	0	0
MW-3	33053	9-23-83	GE	90	0	0	0	0	0
MW-3	33053	1-23-84	KDHE	0	0	0	0	0	0
MW-4	33054	9-27-83	KDHE	327.8	0	0	0	0	0.7
MW-4	33054	10-7-83	KDHE	250.1	0	0	0	0	0
MW-4	33054	10-7-83	GE	420	0	0	0	0	0
MW-4	33054	1-24-84	KDHE	144.7	0	0	0	0	0
MW-5	33055	9-23-83	KDHE	35.7	0	0	0	0	0
MW-5	33055	10-6-83	KDHE	35.9	0	0	0	0	0
MW-5	33055	10-6-83	GE	210	0	0	0	0	0
MW-5	33055	1-23-84	KDHE	395.1	0	0	0	0	0
MW-6	33056	9-28-83	KDHE	4.5	0	0	0	0	0
MW-6	33056	1-25-84	KDHE	3.1	0	0	0	0	0
STROTHER FIELD MONITORING WELLS	STATE ID	DATE	SAMPLED BY	1,1-DICHLORO ETHYLENE	1,1-DICHLORO ETHANE	TRANS-1,2-DI CHLOROTHYLENE	CHLORO FORM	1,2-DICHLORO ETHANE	1,1,1-TRI CHLOROETHANE
MW-1	33051	9-22-83	KDHE	0	0	0	0	0	0
MW-1	33051	1-24-84	KDHE	0	0	0	0	0	0
MW-2	33052	9-23-83	KDHE	0	.4	1	0	0	0
MW-2	33052	1-6-84	KDHE	0	0	0	0	0	0
MW-2	33052	1-25-84	KDHE	0	0	.6	0	0	0
MW-3	33053	9-23-83	KDHE	0	0	0	0	0	0
MW-3	33053	9-23-83	GE	0	0	0	0	0	0
MW-3	33053	1-23-84	KDHE	0	0	0	0	0	0
MW-4	33054	9-27-83	KDHE	24.7	.5	32.3	10.2	0	54.4
MW-4	33054	10-7-83	KDHE	9.4	.5	34.6	15.2	0	17.0
MW-4	33054	10-7-83	GE	0	0	0	0	0	0
MW-4	33054	1-24-84	KDHE	13.6	.6	31.1	2	0	10.2
MW-5	33055	9-23-83	KDHE	0	0	2.1	0	0	0
MW-5	33055	10-6-83	KDHE	0	0	3.6	0	0	0
MW-5	33055	10-6-83	GE	0	0	0	0	0	0
MW-5	33055	1-23-84	KDHE	0	0	14.1	0	0	0
MW-6	33056	9-28-83	KDHE	0	.6	0	0	0	0
MW-6	33056	1-25-84	KDHE	0	0	0	0	0	0

TABLE-3 CONTINUED

STROTHER FIELD MONITORING WELLS	STATE ID	DATE	SAMPLED BY	CARBON TETRA CHLORIDE	DICHLORO BROMOMETHANE	1,2-DICHLORO PROPANE	TRANS 1,3-DI CHLOROPROPENE	TRICHLORO ETHYLENE	BENZENE
MW-1	33051	9-22-83	KDHE	0	0	0	0	0	0
MW-1	33051	1-24-84	KDHE	0	0	0	0	0	0
MW-2	33052	9-23-83	KDHE	0	0	0	0	0	0
MW-2	33052	1-6-84	KDHE	0	0	0	0	0	1.3
MW-2	33052	1-25-84	KDHE	0	0	0	0	0	0
MW-3	33053	9-23-83	KDHE	0	0	0	0	.5	1.1
MW-3	33053	9-23-83	GE	0	0	0	0	0	0
MW-3	33053	1-23-84	KDHE	0	0	0	0	0	0
MW-4	33054	9-27-83	KDHE	0	0	0	0	0	0
MW-4	33054	10-7-83	KDHE	0	0	0	0	205	0
MW-4	33054	10-7-83	GE	0	0	0	0	167	0
MW-4	33054	1-24-84	KDHE	0	0	0	0	0	0
MW-5	33055	9-23-83	KDHE	0	0	0	0	78.6	0
MW-5	33055	10-6-83	KDHE	0	0	0	0	33.6	0
MW-5	33055	10-6-83	GE	0	0	0	0	32.3	0
MW-5	33055	1-23-84	KDHE	0	0	0	0	0	0
MW-6	33056	9-28-83	KDHE	0	0	0	0	301	0
MW-6	33056	1-25-84	KDHE	0	0	0	0	.8	0
MW-6	33056	1-25-84	KDHE	0	0	0	0	0	0
STROTHER FIELD MONITORING WELLS	STATE ID	DATE	SAMPLED BY	CHLORODI BROMOMETHANE	CIS 1,3-DI CHLOROPROPENE	1,1,1-TRI CHLOROETHANE	BROMOFORM	1,1,2,2-TETRA CHLOROETHANE	TETRACHLORO ETHYLENE
MW-1	33051	9-22-83	KDHE	0	0	0	0	0	0
MW-1	33051	1-24-84	KDHE	0	0	0	0	0	0
MW-2	33052	9-23-83	KDHE	0	0	0	0	0	0
MW-2	33052	1-6-84	KDHE	0	0	0	0	0	0
MW-2	33052	1-25-84	KDHE	0	0	0	0	0	0
MW-3	33053	9-23-83	KDHE	0	0	0	0	0	0
MW-3	33053	9-23-83	GE	0	0	0	0	0	0
MW-3	33053	1-23-84	KDHE	0	0	0	0	0	0
MW-4	33054	9-27-83	KDHE	0	0	0	0	0	0
MW-4	33054	10-7-83	KDHE	0	0	0	0	0	0
MW-4	33054	10-7-83	GE	0	0	0	0	0	0
MW-4	33054	1-24-84	KDHE	0	0	0	0	0	0
MW-5	33055	9-23-83	KDHE	0	0	0	0	0	0
MW-5	33055	10-6-83	KDHE	0	0	0	0	0	0
MW-5	33055	10-6-83	GE	0	0	0	0	0	0
MW-5	33055	1-23-84	KDHE	0	0	0	0	0	0
MW-6	33056	9-28-83	KDHE	0	0	0	0	0	0
MW-6	33056	1-25-84	KDHE	0	0	0	0	0	0
MW-6	33056	1-25-84	KDHE	0	0	0	0	0	0

TABLE 3 CONTINUED

STROTHER FIELD MONITORING WELLS	STATE ID	DATE	SAMPLED BY	TOLUENE	CHLORO BENZENE	ETHYL BENZENE
MW-1	33051	9-22-83	KDHE	0	0	0
MW-1	33051	1-24-84	KDHE	0	0	0
MW-2	33052	9-23-83	KDHE	0	0	0
MW-2	33052	1-6-84	KDHE	0	0	0
MW-2	33052	1-25-84	KDHE	0	0	0
MW-3	33053	9-23-83	KDHE	0	0	0
MW-3	33053	9-23-83	GE	0	0	0
MW-3	33053	1-23-84	KDHE	0	0	0
MW-4	33054	9-27-83	KDHE	0	0	0
MW-4	33054	10-7-83	KDHE	0	0	0
MW-4	33054	10-7-83	GE	0	.6	0
MW-4	33054	1-24-84	KDHE	0	.6	0
MW-5	33055	9-23-83	KDHE	0	0	0
MW-5	33055	10-6-83	KDHE	0	0	0
MW-5	33055	10-6-83	GE	0	0	0
MW-5	33055	1-23-84	KDHE	0	0	0
MW-6	33056	9-28-83	KDHE	0	3.1	0
MW-6	33056	1-25-84	KDHE	0	.8	0

GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	TOTAL VOLATILE ORGANICS	METHYL CHLORIDE	METHYL BROMIDE	VINYL CHLORIDE	CHLORO ETHANE	METHYLENE CHLORIDE
DM-1	33011	6/1/83	KDHE	1659.9	0	0	0	0	2.1
DM-1	33011	7/20/83	KDHE	535.9	0	0	1.5	0	0
DM-1	33011	7/20/83	GE	0	0	0	0	0	0
DM-2	33012	7/20/83	KDHE	740.8	0	0	0	0	.8
DM-3	33013	7/20/83	KDHE	272.5	0	0	0	0	0
DM-4	33014	6/1/83	KDHE	273.8	0	0	0	0	0
DM-4	33014	7/20/83	KDHE	91	0	0	0	0	0
DM-4	33014	7/20/83	GE	0	0	0	0	0	0
DM-5	-	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-6	-	5/26/84	GM	33	ND	ND	ND	ND	ND
DM-7	-	5/26/84	GM	1,060	ND	ND	ND	ND	ND

TABLE 3 CONTINUED

GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	TOTAL VOLATILE ORGANICS	METHYL CHLORIDE	METHYL BROMIDE	VINYL CHLORIDE	CHLORO ETHANE	METHYLENE CHLORIDE
DM-8	-	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-9	-	5/26/84	GM	24	ND	ND	ND	ND	ND
DM-10	-	5/26/84	GM	1,455	ND	ND	ND	ND	ND
DM-11	-	5/26/84	GM	1,540	ND	ND	ND	ND	ND
DM-12	-	5/26/84	GM	3.6	ND	ND	ND	ND	ND
DM-13	-	5/26/84	GM	16,350	ND	ND	ND	ND	ND
DM-14	-	5/26/84	GM	13,045	ND	ND	ND	ND	ND
TRIP BLANK	-	5/26/84	GM	ND	ND	ND	ND	ND	ND
GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	1,1-DICHLORO ETHYLENE	1,1-DICHLORO ETHANE	TRANS-1,2-DI CHLOROETHYLENE	CHLORO FORM	1,2-DICHLORO ETHANE	1,1,1-TRI CHLOROETHANE
DM-1	33011	6/1/83	KDHE	200	22.7	273	21	1.7	244
DM-1	33011	7/28/83	KDHE	92.5	8.7	74.9	8.1	.8	89.4
DM-1	33011	7/28/83	GE	0	0	0	0	0	0
DM-2	33012	7/28/83	KDHE	67.8	4.5	57.5	1.5	.6	70.1
DM-3	33013	7/28/83	KDHE	20.9	3.9	44.6	23.1	0	26.5
DM-4	33014	6/1/83	KDHE	9.5	.8	52.2	2.2	0	16.6
DM-4	33014	7/28/83	KDHE	5.1	1.1	23	.8	0	5.8
DM-4	33014	7/28/83	GE	0	0	0	0	0	0
DM-5	-	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-6	-	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-7	-	5/26/84	GM	ND	ND	100	ND	ND	ND
DM-8	-	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-9	-	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-10	-	5/26/84	GM	56	89	220	ND	ND	170
DM-11	-	5/26/84	GM	29	22	150	ND	ND	69
DM-12	-	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-13	-	5/26/84	GM	290	ND	230	ND	ND	830

TABLE 3 CONTINUED

GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	CARBON TETRA CHLORIDE	DICHLORO BROMOMETHANE	1,2-DICHLORO PROPANE	TRANS 1,3-DI CHLOROPROPENE	TRICHLORO ETHYLENE	BENZENE
*****	*****	****	*****	*****	*****	*****	*****	*****	*****
DM-1	33011	6/1/83	KDHE	0	0	0	0	813	0
DM-1	33011	7/28/83	KDHE	0	0	0	0	259	0
DM-1	33011	7/28/83	GE	0	0	0	0	0	0
DM-2	33012	7/28/83	KDHE	0	0	0	0	527	0
DM-3	33013	7/28/83	KDHE	0	0	0	0	144	0
DM-4	33014	6/1/83	KDHE	0	1.5	0	0	177	0
DM-4	33014	7/28/83	KDHE	0	0	0	0	53.2	0
DM-4	33014	7/28/83	GE	0	0	0	0	0	0
DM-5	-	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-6	-	5/26/84	GM	ND	ND	ND	ND	33	ND
DM-7	-	5/26/84	GM	ND	ND	ND	ND	880	ND
DM-8	-	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-9	-	5/26/84	GM	ND	ND	ND	ND	24	ND
DM-10	-	5/26/84	GM	ND	ND	ND	ND	760	160
DM-11	-	5/26/84	GM	ND	ND	ND	ND	920	140
DM-12	-	5/26/84	GM	ND	ND	ND	ND	3.6	ND
DM-13	-	5/26/84	GM	ND	ND	ND	ND	15,000	ND
DM-14	-	5/26/84	GM	ND	ND	ND	ND	13,000	ND
TRIP BLANK	-	5/26/84	GM	ND	ND	ND	ND	ND	ND

GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	CHLORODI BROMOMETHANE	CIS 1,3-DI CHLOROPROPENE	1,1,2-TRI CHLOROETHANE	BROMOFORM	1,1,2,2-TETRA CHLOROETHANE	TETRACHLORO ETHYLENE
*****	*****	****	*****	*****	*****	*****	*****	*****	*****
DM-1	33011	6/1/83	KDHE	0	0	1.5	0	0	.9
DM-1	33011	7/28/83	KDHE	0	0	.4	0	0	.6
DM-1	33011	7/28/83	GE	0	0	0	0	0	0
DM-2	33012	7/28/83	KDHE	0	0	.6	0	0	10.4
DM-3	33013	7/28/83	KDHE	0	0	0	0	0	1.5
DM-4	33014	6/1/83	KDHE	2.3	0	0	1.7	0	12
DM-4	33014	7/28/83	KDHE	0	0	0	0	0	2
DM-4	33014	7/28/83	GE	0	0	0	0	0	0
DM-5	-	5/26/84	GM	ND	ND	ND	ND	ND	ND

TABLE 3 CONTINUED

GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	CHLORODI BROMOMETHANE	CIS 1,3-DI CHLOROPROPENE	1,1,2-TRI CHLOROETHANE	BROMOFORM	1,1,2,2-TETRA CHLOROETHANE	TETRACHLORO ETHYLENE
DM-6	"	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-7	"	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-8	"	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-9	"	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-10	"	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-11	"	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-12	"	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-13	"	5/26/84	GM	ND	ND	ND	ND	ND	ND
DM-14	"	5/26/84	GM	ND	ND	ND	ND	ND	ND
TRIP BLANK	"	5/26/84	GM	ND	ND	ND	ND	ND	ND
GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	TOLUENE	CHLORO BENZENE	ETHYL BENZENE	XYLENES	ACETONE	
DM-1	33011	6/1/83	KDHE	0	0	0	NA	NA	
DM-1	33011	7/28/83	KDHE	0	0	0	NA	NA	
DM-1	33011	7/28/83	GE	0	0	0	NA	NA	
DM-2	33012	7/28/83	KDHE	0	0	0	NA	NA	
DM-3	33013	7/28/83	KDHE	0	0	0	NA	NA	
DM-4	33014	6/1/83	KDHE	0	0	0	NA	NA	
DM-4	33014	7/28/83	KDHE	0	0	0	NA	NA	
DM-4	33014	7/28/83	GE	0	0	0	NA	NA	
DM-5	"	5/26/84	GM	ND	ND	ND	ND	ND	
DM-6	"	5/26/84	GM	ND	ND	ND	ND	ND	
DM-7	"	5/26/84	GM	ND	ND	ND	ND	ND	
DM-8	"	5/26/84	GM	ND	ND	ND	ND	ND	
DM-9	"	5/26/84	GM	ND	ND	ND	ND	ND	
DM-10	"	5/26/84	GM	ND	ND	ND	ND	ND	
DM-11	"	5/26/84	GM	ND	ND	ND	ND	ND	
DM-12	"	5/26/84	GM	ND	ND	ND	ND	ND	

TABLE 3 CONTINUED

GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	TOLUENE	CHLORO BENZENE	ETHYL BENZENE	XYLENES	ACETONE
DM-13	-	5/26/84	GM	ND	ND	ND	ND	ND
DM-14	-	5/26/84	GM	ND	ND	ND	ND	ND
TRIP BLANK	-	5/26/84	GM	ND	ND	ND	ND	ND

TABLE 3. PURGEABLE ORGANIC CHEMICAL CONTENT OF "AG" WATER SAMPLES

TEST BORINGS	STATE ID	DATE	SAMPLED BY	TOTAL VOLATILE ORGANICS	METHYL CHLORIDE	METHYL BROMIDE	VINYL CHLORIDE	CHLORO ETHANE	METHYLENE CHLORIDE
AG-1-A	71012	10/20/83	KDHE	631.2	0	0	0	0	0
AG-2-A & B	71013	10/25/83	KDHE	1.5	0	0	0	0	0
AG-3-A & B	71014	10/25/83	KDHE	4.2	0	0	0	0	0
AG-4-A & B	71015	10/26/83	KDHE	10895	0	0	245	32.4	0
AG-5-A & B	71016	10/26/83	KDHE	76.3	0	0	0	0	0
AG-6-A	71017	10/31/83	KDHE	0	0	0	0	0	0
AG-7-A	71018	11/7/83	KDHE	1.8	0	0	0	0	0
AG-8-A	71019	11/7/83	KDHE	0	0	0	0	0	0
AG-8-A	71019	11/7/83	GE	62	0	0	0	0	0
AG-9-A & B	71020	11/15/83	KDHE	0	0	0	0	0	0
AG-9-A & B	71020	11/15/83	GE	100	0	0	0	0	0
AG-10-A & B	71021	11/15/83	KDHE	601.1	0	0	0	0	0
AG-11-A & B	71022	11/16/83	KDHE	0	0	0	0	0	0
AG-12-A	71023	11/30/83	KDHE	3892.7	0	0	44.2	0	0
AG-12-A	71023	11/30/83	GE	10	0	0	0	0	0
AG-12-B	71024	11/30/83	KDHE	1935.6	0	0	23.4	0	0
AG-12-B	71024	11/30/83	GE	110	0	0	0	0	0
AG-13-A & B	71025	11/30/83	KDHE	90.0	0	0	0	0	0
AG-13-A & B	71025	11/30/83	GE	100	0	0	0	0	0

TABLE 3 CONTINUED

TEST BORINGS *****	STATE ID *****	DATE ****	SAMPLED BY *****	CARBON TETRA CHLORIDE *****	DICHLORO BROMOMETHANE *****	1,2-DICHLORO PROPANE *****	TRANS 1,3-DI CHLOROPROPENE *****	TRICHLORO ETHYLENE *****	BENZENE *****
AG-1-A	71012	10/20/83	KDHE	0	0	U	U	442	0
AG-2-A & B	71013	10/25/83	KDHE	0	0	0	U	1.5	0
AG-3-A & B	71014	10/25/83	KDHE	0	0	0	0	2.2	0
AG-4-A & B	71015	10/26/83	KDHE	0	0	0	0	5320	2.9
AG-5-A & B	71016	10/26/83	KDHE	0	0	0	U	38.7	0
AG-6-A	71017	10/31/83	KDHE	0	0	0	U	0	0
AG-7-A	71018	11/7/83	KDHE	0	0	0	U	0	0
AG-8-A	71019	11/7/83	KDHE	0	0	0	U	0	0
AG-8-A	71019	11/7/83	GE	0	0	0	0	0	0
AG-9-A & B	71020	11/15/83	KDHE	0	0	0	U	0	0
AG-9-A & B	71020	11/15/83	GE	0	0	0	0	0	0
AG-10-A & B	71021	11/15/83	KDHE	0	0	0	U	549	0
AG-11-A & B	71022	11/16/83	KDHE	0	0	0	U	U	0
AG-12-A	71023	11/30/83	KDHE	0	2.5	0	U	1960	489
AG-12-A	71023	11/30/83	GE	0	0	0	0	U	U
AG-12-B	71024	11/30/83	KDHE	0	1.6	0	U	864	290
AG-12-B	71024	11/30/83	GE	0	0	0	U	U	0
AG-13-A & B	71025	11/30/83	KDHE	0	0	0	0	17	.6
AG-13-A & B	71025	11/30/83	GE	0	0	0	U	U	0

TABLE 3. CONTINUED

TEST BORINGS	STATE ID	DATE	SAMPLED BY	1,1-DICHLORO ETHYLENE	1,1-DICHLORO ETHANE	TRANS-1,2-DI CHLOROETHYLENE	CHLORO FORM	1,2-DICHLORO ETHANE	1,1,1-TRI CHLOROETHANE
AG-1-A	71012	10/20/83	KDHE	40.6	.5	66.7	1	.0	51.3
AG-2-A & B	71013	10/25/83	KDHE	0	0	0	0	0	0
AG-3-A & B	71014	10/25/83	KDHE	0	0	1.5	0	.5	0
AG-4-A & B	71015	10/26/83	KDHE	196	341	3810	.6	1.1	946
AG-5-A & B	71016	10/26/83	KDHE	0	2.7	31.5	.6	0	2.8
AG-6-A	71017	10/31/83	KDHE	0	0	0	0	0	0
AG-7-A	71018	11/7/83	KDHE	.8	0	0	0	0	.4
AG-8-A	71019	11/7/83	KDHE	0	0	0	0	0	0
AG-8-A	71019	11/7/83	GE	0	0	0	0	0	0
AG-9-A & B	71020	11/15/83	KDHE	0	0	0	0	0	0
AG-9-A & B	71020	11/15/83	GE	0	0	0	0	0	0
AG-10-A & B	71021	11/15/83	KDHE	0	0	52.1	0	0	0
AG-11-A & B	71022	11/16/83	KDHE	0	0	0	0	0	0
AG-12-A	71023	11/30/83	KDHE	212	64.9	172	.8	1.3	347
AG-12-A	71023	11/30/83	GE	0	0	0	0	0	0
AG-12-B	71024	11/30/83	KDHE	127	38.4	104	.4	.8	183
AG-12-B	71024	11/30/83	GE	0	0	0	0	0	0
AG-13-A & B	71025	11/30/83	KDHE	4.8	8.1	10.3	0	0	14.9
AG-13-A & B	71025	11/30/83	GE	0	0	0	0	0	0

TABLE 3 CONTINUED

TEST BORINGS	STATE ID	DATE	SAMPLED BY	TOLUENE	CHLORO BENZENE	ETHYL BENZENE
AG-1-A	71012	10/20/83	KDHE	0	0	0
AG-2-A & B	71013	10/25/83	KDHE	0	0	0
AG-3-A & B	71014	10/25/83	KDHE	0	0	0
AG-4-A & B	71015	10/26/83	KDHE	0	0	0
AG-5-A & B	71016	10/26/83	KDHE	0	0	0
AG-6-A	71017	10/31/83	KDHE	0	0	0
AG-7-A	71018	11/7/83	KDHE	0	0	0
AG-8-A	71019	11/7/83	KDHE	0	0	0
AG-8-A	71019	11/7/83	GE	0	0	0
AG-9-A & B	71020	11/15/83	KDHE	0	0	0
AG-9-A & B	71020	11/15/83	GE	0	0	0
AG-10-A & B	71021	11/15/83	KDHE	0	0	0
AG-11-A & B	71022	11/16/83	KDHE	0	0	0
AG-12-A	71023	11/30/83	KDHE	417	0	182
AG-12-A	71023	11/30/83	GE	0	0	0
AG-12-B	71024	11/30/83	KDHE	196	0	10
AG-12-B	71024	11/30/83	GE	0	0	0
AG-13-A & B	71025	11/30/83	KDHE	3.5	0	1.0
AG-13-A & B	71025	11/30/83	GE	0	0	0

TABLE 3 CONTINUED

TEST BORINGS -----	STATE ID -----	DATE ----	SAMPLED BY -----	CHLORODI BROMOMETHANE -----	CIS 1,3-DI CHLOROPROPENE -----	1,1,2-TRI CHLOROETHANE -----	BROMOFORM -----	1,1,2,2-TETRA CHLOROETHANE -----	TETRACHLORO ETHYLENE -----
AG-1-A	71012	10/20/83	KDHE	0	0	0	0	.8	27.5
AG-2-A & B	71013	10/25/83	KDHE	0	0	0	0	0	0
AG-3-A & B	71014	10/25/83	KDHE	0	0	0	0	0	0
AG-4-A & B	71015	10/26/83	KDHE	0	0	0	0	0	0
AG-5-A & B	71016	10/26/83	KDHE	0	0	0	0	0	0
AG-6-A	71017	10/31/83	KDHE	0	0	0	0	0	0
AG-7-A	71018	11/7/83	KDHE	0	0	0	0	0	0
AG-8-A	71019	11/7/83	KDHE	0	0	0	0	0	0
AG-8-A	71019	11/7/83	GE	0	0	0	0	0	0
AG-9-A & B	71020	11/15/83	KDHE	0	0	0	0	0	0
AG-9-A & B	71020	11/15/83	GE	0	0	0	0	0	0
AG-10-A & B	71021	11/15/83	KDHE	0	0	0	0	0	0
AG-11-A & B	71022	11/16/83	KDHE	0	0	0	0	0	0
AG-12-A	71023	11/30/83	KDHE	0	0	0	0	0	0
AG-12-A	71023	11/30/83	GE	0	0	0	0	0	0
AG-12-B	71024	11/30/83	KDHE	0	0	0	0	0	0
AG-12-B	71024	11/30/83	GE	0	0	0	0	0	0
AG-13-A & B	71025	11/30/83	KDHE	0	0	0	0	0	0
AG-13-A & B	71025	11/30/83	GE	0	0	0	0	0	0

Table 2. Chemical Data for Strother Field Supply, KDHE, GE Monitoring Wells and Hackney Residential Supply Wells. (reported in micrograms per liter)

STROTHER FIELD SUPPLY WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	TOTAL VOLATILE ORGANICS =====	METHYL CHLORIDE =====	METHYL BROMIDE =====	VINYL CHLORIDE =====	CHLORO ETHANE =====	METHYLENE CHLORIDE =====
SFW-1	31001	8/1/82	USEPA	192	--	--	--	--	--
SFW-1	31001	5/19/83	KDHE	730.8	--	--	--	--	--
SFW-1	31001	5/31/83	KDHE	2.6	--	--	--	--	--
SFW-1	31001	6/28/83	KDHE	713.3	--	--	--	--	.6
SFW-1	31001	9/6/83	KDHE	704.2	--	--	5	--	--
SFW-1	31001	1/23/84	KDHE	7.6	--	--	--	--	--
SFW-1	31001	5/14/85	G&M	--	--	--	--	--	--
SFW-1	31001	6/13/85	G&M	--	--	--	--	--	--
SFW-1*	31001	6/13/85	G&M	--	--	--	--	--	--
SFW-1	31001	7/9/85	G&M	--	--	--	--	--	--
SFW-1*	31001	7/9/85	G&M	--	--	--	--	--	--
SFW-1	31001	7/30/85	G&M	--	--	--	--	--	--
SFW-2	31002	5/31/83	KDHE	1303.7	--	--	--	--	--
SFW-2	31002	10/17/83	KDHE	1006	--	--	--	--	--
SFW-2	31002	5/14/85	G&M	901	--	--	--	--	--
SFW-2	31002	6/13/85	G&M	551	--	--	--	--	--
SFW-2	31002	7/9/85	G&M	611	--	--	--	--	--
SFW-2	31002	7/30/85	G&M	780	--	--	--	--	--
SFW-2*	31002	7/30/85	G&M	560	--	--	--	--	--
SFW-3	31003	8/1/82	USEPA	4.5	--	--	--	--	--
SFW-3	31003	5/31/83	KDHE	7.9	--	--	--	--	--
SFW-3	31003	9/6/83	KDHE	4.7	--	--	--	--	--
SFW-3	31003	12/22/83	KDHE	1969.6	--	--	--	--	--
SFW-3	31003	5/14/85	G&M	618	--	--	--	--	1.3
SFW-3	31003	6/13/85	G&M	447	--	--	--	--	--
SFW-3	31003	7/9/85	G&M	481	--	--	--	--	--
SFW-3	31003	7/30/85	G&M	475	--	--	--	--	--
SFW-3*	31003	8/1/85	G&M	548	--	--	--	--	--
SFW-4	31004	8/1/82	USEPA	157.7	--	--	--	--	--
SFW-4	31004	5/18/83	KDHE	1046.9	--	--	--	--	--
SFW-4	31004	5/31/83	KDHE	1060.5	--	--	--	--	--
SFW-4	31004	11/21/83	KDHE	1457.5	--	--	--	--	--
SFW-4	31004	12/22/83	KDHE	1152.8	--	--	2.5	--	1.1
SFW-4	31004	1/23/84	KDHE	975.6	--	--	--	--	.7
SFW-4	31004	2/20/84	KDHE	1396.5	--	--	--	--	--
SFW-4	31004	5/14/85	G&M	1995	--	--	--	--	--
SFW-4	31004	8/1/85	G&M	1700	--	--	--	--	--
SFW-5	31005	5/31/83	KDHE	645.7	--	--	--	--	--
SFW-5	31005	5/14/85	G&M	1955	--	--	--	--	--
SFW-5	31005	7/30/85	G&M	1490	--	--	--	--	--
SFW-7	31007	4/27/83	KDHE	5	--	--	--	--	--
SFW-7	31007	5/31/83	KDHE	6.1	--	--	1	--	--
SFW-7	31007	10/17/83	KDHE	4.2	--	--	--	--	--
SFW-7	31007	5/14/85	G&M	35	--	--	--	--	--
SFW-7	31007	8/1/85	G&M	1194	--	--	--	--	--

Table 2. (Continued)

STROTHER FIELD SUPPLY WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	TOTAL VOLATILE ORGANICS =====	METHYL CHLORIDE =====	METHYL BROMIDE =====	VINYL CHLORIDE =====	CHLORO ETHANE =====	METHYLENE CHLORIDE =====
SFW-8	31008	8/1/82	USEPA	220.1	--	--	--	--	--
SFW-8	31008	8/11/82	USEPA	326.7	--	--	--	--	--
SFW-8	31008	5/18/83	KDHE	5757.3	--	--	--	--	--
SFW-8	31008	5/31/83	KDHE	5449.8	--	--	--	--	--
SFW-8	31008	6/28/83	KDHE	5917.6	--	--	1.2	--	--
SFW-8	31008	9/6/83	KDHE	5338.4	--	--	1.4	--	--
SFW-8	31008	10/7/83	KDHE	4809.8	--	--	--	--	--
SFW-8	31008	10/17/83	KDHE	5129.6	--	--	--	--	--
SFW-8	31008	11/21/83	KDHE	5809.4	--	--	--	--	19.8
SFW-8	31008	12/22/83	KDHE	4858.5	--	--	--	--	--
SFW-8	31008	1/23/84	KDHE	4079.5	--	--	--	--	--
SFW-8	31008	2/20/84	KDHE	2553.3	--	--	--	--	--
SFW-8	31008	5/14/85	G&M	2224	--	--	--	--	--
SFW-8	31008	7/30/85	G&M	1370	--	--	--	--	--
SFW-9	31009	4/27/83	KDHE	34.8	--	--	--	--	--
SFW-9	31009	5/31/83	KDHE	28.3	--	--	--	--	--
SFW-9	31009	6/28/83	KDHE	3616.5	--	--	--	--	--
SFW-9	31009	10/7/83	KDHE	1392	--	--	--	--	--
SFW-9	31009	10/8/83	KDHE	449.6	--	--	--	--	--
SFW-9	31009	12/22/83	KDHE	2787.2	--	--	--	--	--
SFW-9	31009	1/23/84	KDHE	791.3	--	--	--	--	--
SFW-9	31009	5/14/85	G&M	542	--	--	--	--	--
SFW-9	31009	7/30/85	G&M	1214	--	--	--	--	--

Table 2. (Continued)

STROTHER FIELD SUPPLY WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	TOLUENE =====	CHLORO BENZENE =====	ETHYL BENZENE =====
SFW-1	31001	8/1/82	USEPA	--	--	--
SFW-1	31001	5/18/83	KDHE	--	--	--
SFW-1	31001	5/31/83	KDHE	--	--	--
SFW-1	31001	6/28/83	KDHE	--	--	--
SFW-1	31001	9/6/83	KDHE	--	--	--
SFW-1	31001	1/23/84	KDHE	--	--	--
SFW-1	31001	5/14/85	G&M	--	--	--
SFW-1	31001	6/13/85	G&M	--	--	--
SFW-1*	31001	6/13/85	G&M	--	--	--
SFW-1	31001	7/9/85	G&M	--	--	--
SFW-1*	31001	7/9/85	G&M	--	--	--
SFW-1	31001	7/30/85	G&M	--	--	--
SFW-2	31002	5/31/83	KDHE	--	--	--
SFW-2	31002	10/17/83	KDHE	--	--	--
SFW-2	31002	5/14/85	G&M	--	--	--
SFW-2	31002	6/13/85	G&M	--	--	--
SFW-2	31002	7/9/85	G&M	--	--	--
SFW-2	31002	7/30/85	G&M	--	--	--
SFW-2*	31002	7/30/85	G&M	--	--	--
SFW-3	31003	8/1/82	USEPA	--	--	--
SFW-3	31003	5/31/83	KDHE	--	--	--
SFW-3	31003	9/6/83	KDHE	--	--	--
SFW-3	31003	12/22/83	KDHE	--	--	--
SFW-3	31003	5/14/85	G&M	--	--	--
SFW-3	31003	6/13/85	G&M	--	--	--
SFW-3	31003	7/9/85	G&M	--	--	--
SFW-3	31003	7/30/85	G&M	--	--	--
SFW-3	31003	8/1/85	G&M	--	--	--
SFW-4	31004	8/1/82	USEPA	--	--	--
SFW-4	31004	5/18/83	KDHE	--	--	--
SFW-4	31004	5/31/83	KDHE	--	--	--
SFW-4	31004	11/21/83	KDHE	--	--	--
SFW-4	31004	12/22/83	KDHE	--	--	--
SFW-4	31004	1/23/84	KDHE	--	--	--
SFW-4	31004	2/20/84	KDHE	--	--	--
SFW-4	31004	5/14/85	G&M	--	--	--
SFW-4	31004	8/1/85	G&M	--	--	--
SFW-5	31005	5/31/83	KDHE	--	--	--
SFW-5	31005	5/14/85	G&M	--	--	--
SFW-5	31005	7/30/85	G&M	--	--	--
SFW-7	31007	4/27/83	KDHE	--	--	--
SFW-7	31007	5/31/83	KDHE	--	--	--
SFW-7	31007	10/17/83	KDHE	--	--	--
SFW-7	31007	5/14/85	G&M	--	--	--
SFW-7	31007	8/1/85	G&M	--	--	--

Table 2. (Continued)

STROTHER FIELD SUPPLY WELLS	STATE ID	DATE	SAMPLED BY	TOLUENE	CHLORO BENZENE	ETHYL BENZENE
-----	-----	----	-----	-----	-----	-----
SFW-8	31008	8/1/82	USEPA	--	--	--
SFW-8	31008	8/11/82	USEPA	--	--	--
SFW-8	31008	5/18/83	KDHE	--	--	--
SFW-8	31008	5/31/83	KDHE	--	--	--
SFW-8	31008	6/28/83	KDHE	--	--	--
SFW-8	31008	9/6/83	KDHE	--	--	--
SFW-8	31008	10/7/83	KDHE	--	--	--
SFW-8	31008	10/17/83	KDHE	--	--	--
SFW-8	31008	11/21/83	KDHE	--	--	--
SFW-8	31008	12/22/83	KDHE	--	--	--
SFW-8	31008	1/23/84	KDHE	--	--	--
SFW-8	31008	2/20/84	KDHE	--	--	--
SFW-8	31008	5/14/85	GLM	--	--	--
SFW-8	31008	7/30/85	GLM	--	--	--
SFW-9	31009	4/27/83	KDHE	--	--	--
SFW-9	31009	5/31/83	KDHE	--	--	--
SFW-9	31009	6/28/83	KDHE	--	--	--
SFW-9	31009	10/7/83	KDHE	--	--	--
SFW-9	31009	10/8/83	KDHE	--	--	--
SFW-9	31009	12/22/83	KDHE	--	--	--
SFW-9	31009	1/23/84	KDHE	--	--	--
SFW-9	31009	5/14/85	GLM	--	--	--
SFW-9	31009	7/30/85	GLM	--	--	--

Table 2. (Continued)

STROTHER FIELD SUPPLY WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	1,1-DICHLORO ETHYLENE =====	1,1-DICHLORO ETHANE =====	TRANS-1,2-DI CHLOROETHYLENE =====	CHLORO FORM =====	1,2-DICHLORO ETHANE =====	1,1,1-TRI CHLOROETHANE =====
SFW-1	31001	8/1/82	USEPA	.5	.4	30	--	--	1.1
SFW-1	31001	5/18/83	KDHE	3.7	3.6	124	--	--	5.5
SFW-1	31001	5/31/83	KDHE	--	--	0	--	--	0
SFW-1	31001	6/28/83	KDHE	3.2	3.8	117	--	--	4.0
SFW-1	31001	9/6/83	KDHE	3.3	4.9	147	--	--	2
SFW-1	31001	1/23/84	KDHE	--	.4	1	--	.9	--
SFW-1	31001	5/14/85	G&M	--	--	--	--	--	--
SFW-1	31001	6/13/85	G&M	--	--	--	--	--	--
SFW-1*	31001	6/13/85	G&M	--	--	--	--	--	--
SFW-1	31001	7/9/85	G&M	--	--	--	--	--	--
SFW-1*	31001	7/9/85	G&M	--	--	--	--	--	--
SFW-1	31001	7/30/85	G&M	--	--	--	--	--	--
SFW-2	31002	5/31/83	KDHE	7.3	1.9	125	--	--	18.8
SFW-2	31002	10/17/83	KDHE	11.3	3.6	138	--	--	19.1
SFW-2	31002	5/14/85	G&M	11	--	120	--	--	--
SFW-2	31002	6/13/85	G&M	14	33	94	--	--	--
SFW-2	31002	7/9/85	G&M	4	--	94	--	--	3
SFW-2	31002	7/30/85	G&M	--	--	160	--	--	--
SFW-2*	31002	7/30/85	G&M	--	--	120	--	--	--
SFW-3	31003	8/1/82	USEPA	--	--	.3	--	--	--
SFW-3	31003	5/31/83	KDHE	--	--	--	--	--	--
SFW-3	31003	9/6/83	KDHE	--	--	.5	--	--	--
SFW-3	31003	12/22/83	KDHE	83.7	5.3	222	61.7	1.2	203
SFW-3	31003	5/14/85	G&M	12	--	93	--	--	--
SFW-3	31003	6/13/85	G&M	16	28	75	--	--	--
SFW-3	31003	7/9/85	G&M	5	--	69	--	--	3
SFW-3	31003	7/30/85	G&M	8	--	95	--	--	11
SFW-3*	31003	8/1/85	G&M	14	--	120	--	--	16
SFW-4	31004	8/1/82	USEPA	1.8	--	17	2.2	--	4.3
SFW-4	31004	5/18/83	KDHE	77.9	3.5	25.9	8	.4	120
SFW-4	31004	5/31/83	KDHE	68.9	3.5	29.1	10.4	.7	161
SFW-4	31004	11/21/83	KDHE	231	7.3	41.4	13.9	.9	171
SFW-4	31004	12/22/83	KDHE	91	4.9	30.2	12.9	.7	96.2
SFW-4	31004	1/23/84	KDHE	51.7	4.1	30.3	7.9	.6	10.7
SFW-4	31004	2/20/84	KDHE	29	1.6	151	1.5	.7	150
SFW-4	31004	5/14/85	G&M	48	--	200	--	--	110
SFW-4	31004	8/1/85	G&M	150	--	250	--	--	120
SFW-5	31005	5/31/83	KDHE	7.4	--	8.1	--	--	10.7
SFW-5	31005	5/14/85	G&M	46	--	200	--	--	96
SFW-5	31005	7/30/85	G&M	--	--	350	--	--	140
SFW-7	31007	4/27/83	KDHE	--	--	1	--	--	.5
SFW-7	31007	5/31/83	KDHE	--	--	.9	--	--	.2
SFW-7	31007	10/17/83	KDHE	--	--	.6	--	--	.5
SFW-7	31007	5/14/85	G&M	--	--	--	--	--	--
SFW-7	31007	8/1/85	G&M	64	--	200	--	--	100

Table 2. (Continued)

STROTHER FIELD SUPPLY WELLS	STATE ID	DATE	SAMPLED BY	1,1-DICHLORO ETHYLENE	1,1-DICHLORO ETHANE	TRANS-1,2-DI CHLOROETHYLENE	CHLORO FORM	1,2-DICHLORO ETHANE	1,1,1-TRI CHLOROETHANE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
SFW-8	31008	8/1/82	USEPA	1.5	.3	30	2.1	--	3.4
SFW-8	31008	8/11/82	USEPA	3	--	43	1	--	10
SFW-8	31008	5/18/83	KDHE	147	4.1	758	1.6	2	545
SFW-8	31008	5/31/83	KDHE	171	4.5	806	2	2.8	479
SFW-8	31008	6/28/83	KDHE	109	5.4	656	3.1	1.6	429
SFW-8	31008	9/6/83	KDHE	133	4.2	778	1.5	1.5	356
SFW-8	31008	10/7/83	KDHE	207	5.8	899	--	--	299
SFW-8	31008	10/17/83	KDHE	168	6.9	690	4.6	5.1	207
SFW-8	31008	11/21/83	KDHE	259	6.6	850	--	--	445
SFW-8	31008	12/22/83	KDHE	130	4.5	590	--	--	309
SFW-8	31008	1/23/84	KDHE	99.5	--	492	--	--	294
SFW-8	31008	2/20/84	KDHE	71.3	--	317	--	--	235
SFW-8	31008	5/14/85	G&M	54	--	230	--	--	130
SFW-8	31008	7/30/85	G&M	60	--	180	--	--	90
SFW-9	31009	4/27/83	KDHE	4.2	--	2.1	--	--	10.5
SFW-9	31009	5/31/83	KDHE	1.9	--	1.7	--	--	1.7
SFW-9	31009	6/28/83	KDHE	103	4.1	426	3	1.6	130
SFW-9	31009	10/7/83	KDHE	46.2	--	208	--	--	207
SFW-9	31009	10/8/83	KDHE	13.8	.7	79.9	--	--	2.6
SFW-9	31009	12/22/83	KDHE	73	--	411	--	--	189
SFW-9	31009	1/23/84	KDHE	18.1	.9	115	--	--	2.4
SFW-9	31009	5/14/85	G&M	12	--	80	--	--	29
SFW-9	31009	7/30/85	G&M	52	--	200	--	--	120

Table 2. (Continued)

STROTHER FIELD SUPPLY WELLS *****	STATE ID *****	DATE ****	SAMPLED BY *****	CARBON TETRA CHLORIDE *****	DICHLORO BROMOMETHANE *****	1,2-DICHLORO PROPANE *****	TRANS 1,3-DI CHLOROPROPENE *****	TRICHLORO ETHYLENE *****	BENZENE *****
SFW-1	31001	8/1/82	USEPA	--	--	--	--	160	--
SFW-1	31001	5/18/83	KDHE	--	--	--	--	594	--
SFW-1	31001	5/31/83	KDHE	--	--	--	--	2	--
SFW-1	31001	6/28/83	KDHE	--	--	--	--	585	--
SFW-1	31001	9/6/83	KDHE	--	--	--	--	536	--
SFW-1	31001	1/23/84	KDHE	--	--	--	--	5.3	--
SFW-1	31001	5/14/85	G&M	--	--	--	--	--	--
SFW-1	31001	6/13/85	G&M	--	--	--	--	--	--
SFW-1*	31001	6/13/85	G&M	--	--	--	--	--	--
SFW-1	31001	7/9/85	G&M	--	--	--	--	--	--
SFW-1*	31001	7/9/85	G&M	--	--	--	--	--	--
SFW-1	31001	7/30/85	G&M	--	--	--	--	--	--
SFW-2	31002	5/31/83	KDHE	--	--	--	--	1150	--
SFW-2	31002	10/17/83	KDHE	--	--	--	--	934	--
SFW-2	31002	5/14/85	G&M	--	--	--	--	770	--
SFW-2	31002	6/13/85	G&M	--	--	--	--	410	--
SFW-2	31002	7/9/85	G&M	--	--	--	--	510	--
SFW-2	31002	7/30/85	G&M	--	--	--	--	520	--
SFW-2*	31002	7/30/85	G&M	--	--	--	--	440	--
SFW-3	31003	8/1/82	USEPA	--	--	--	--	4.2	--
SFW-3	31003	5/31/83	KDHE	--	--	--	--	3.4	--
SFW-3	31003	9/6/83	KDHE	--	--	--	--	4.2	--
SFW-3	31003	12/22/83	KDHE	3.1	9.9	--	--	1260	.4
SFW-3	31003	5/14/85	G&M	--	--	--	--	510	--
SFW-3	31003	6/13/85	G&M	--	--	--	--	320	--
SFW-3	31003	7/9/85	G&M	--	--	--	--	400	--
SFW-3	31003	7/30/85	G&M	--	--	--	--	330	--
SFW-3*	31003	8/1/85	G&M	--	--	--	--	370	--
SFW-4	31004	8/1/82	USEPA	--	--	--	--	130	--
SFW-4	31004	5/18/83	KDHE	.5	--	--	--	786	--
SFW-4	31004	5/31/83	KDHE	--	.7	--	--	823	--
SFW-4	31004	11/21/83	KDHE	1.2	--	--	--	933	--
SFW-4	31004	12/22/83	KDHE	1	.7	--	--	902	--
SFW-4	31004	1/23/84	KDHE	1.1	--	--	--	859	--
SFW-4	31004	2/20/84	KDHE	.4	--	--	--	946	--
SFW-4	31004	5/14/85	G&M	--	--	--	--	1500	--
SFW-4	31004	8/1/85	G&M	--	--	--	--	1100	--
SFW-5	31005	5/31/83	KDHE	1.8	--	--	--	502	--
SFW-5	31005	5/14/85	G&M	--	--	--	--	1500	--
SFW-5	31005	7/30/85	G&M	--	--	--	--	940	--
SFW-7	31007	4/27/83	KDHE	--	--	--	--	3.5	--
SFW-7	31007	5/31/83	KDHE	--	--	--	--	3.7	--
SFW-7	31007	10/17/83	KDHE	--	--	--	--	3.1	--
SFW-7	31007	5/14/85	G&M	--	--	--	--	35	--
SFW-7	31007	8/1/85	G&M	--	--	--	--	740	--

Table 2. (Continued)

STROTHER FIELD SUPPLY WELLS	STATE ID	DATE	SAMPLED BY	CARBON TETRA CHLORIDE	DICHLORO BROMOMETHANE	1,2-DICHLORO PROPANE	TRANS 1,3-DI CHLOROPROPENE	TRICHLORO ETHYLENE	BENZENE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
SFW-8	31008	8/11/82	USEPA	--	--	--	--	180	--
SFW-8	31008	9/11/82	USEPA	--	--	--	--	260	--
SFW-8	31008	5/18/83	KDHE	--	--	--	--	3870	--
SFW-8	31008	5/31/83	KDHE	--	--	1	--	3520	.9
SFW-8	31008	6/28/83	KDHE	.4	5	--	--	4310	.7
SFW-8	31008	9/6/83	KDHE	--	--	--	--	3720	.9
SFW-8	31008	10/7/83	KDHE	--	--	--	--	3000	--
SFW-8	31008	10/17/83	KDHE	--	--	--	--	3670	--
SFW-8	31008	11/21/83	KDHE	--	--	--	--	3880	--
SFW-8	31008	12/22/83	KDHE	--	--	--	--	3550	--
SFW-8	31008	1/23/84	KDHE	--	--	--	--	2890	--
SFW-8	31008	2/20/84	KDHE	--	--	--	--	1740	--
SFW-8	31008	5/14/85	G&M	--	--	--	--	1700	--
SFW-8	31008	7/30/85	G&M	--	--	--	--	950	--
SFW-9	31009	4/27/83	KDHE	--	--	--	--	116	--
SFW-9	31009	5/31/83	KDHE	--	--	--	--	169	--
SFW-9	31009	6/28/83	KDHE	.4	.8	--	--	2640	.5
SFW-9	31009	10/7/83	KDHE	--	--	--	--	184	--
SFW-9	31009	10/8/83	KDHE	--	--	--	--	181	--
SFW-9	31009	12/22/83	KDHE	--	--	--	--	120	--
SFW-9	31009	1/23/84	KDHE	--	--	--	--	126	--
SFW-9	31009	5/14/85	G&M	--	--	--	--	190	--
SFW-9	31009	7/30/85	G&M	--	--	--	--	140	--

Table 2. (Continued)

STROTHER FIELD SUPPLY WELLS	STATE ID	DATE	SAMPLED BY	CHLORODI BROMOMETHANE	CIS 1,3-DI CHLOROPROPENE	1,1,2-TRI CHLOROETHANE	BROMOFORM	1,1,2,2-TETRA CHLOROETHANE	TETRACHLORO ETHYLENE
*****	*****	****	*****	*****	*****	*****	*****	*****	*****
SFW-1	31001	8/1/82	USEPA	--	--	--	--	--	--
SFW-1	31001	5/18/83	KDHE	--	--	--	--	--	--
SFW-1	31001	5/31/83	KDHE	--	--	--	--	--	--
SFW-1	31001	6/28/83	KDHE	--	--	--	--	--	--
SFW-1	31001	9/6/83	KDHE	--	--	--	--	--	--
SFW-1	31001	1/23/84	KDHE	--	--	--	--	--	--
SFW-1	31001	5/14/85	G&M	--	--	--	--	--	--
SFW-1	31001	6/13/85	G&M	--	--	--	--	--	--
SFW-1*	31001	6/13/85	G&M	--	--	--	--	--	--
SFW-1	31001	7/9/85	G&M	--	--	--	--	--	--
SFW-1*	31001	7/9/85	G&M	--	--	--	--	--	--
SFW-1	31001	7/30/85	G&M	--	--	--	--	--	--
SFW-2	31002	5/31/83	KDHE	--	--	--	.7	--	--
SFW-2	31002	10/17/83	KDHE	--	--	--	--	--	--
SFW-2	31002	5/14/85	G&M	--	--	--	--	--	--
SFW-2	31002	6/13/85	G&M	--	--	--	--	--	--
SFW-2	31002	7/9/85	G&M	--	--	--	--	--	--
SFW-2	31002	7/30/85	G&M	--	--	--	--	--	--
SFW-2*	31002	7/30/85	G&M	--	--	--	--	--	--
SFW-3	31003	8/1/82	USEPA	--	--	--	--	--	--
SFW-3	31003	5/31/83	KDHE	.5	--	--	4	--	--
SFW-3	31003	9/6/83	KDHE	--	--	--	--	--	--
SFW-3	31003	12/22/83	KDHE	1.5	--	--	4.5	--	112
SFW-3	31003	5/14/85	G&M	--	--	--	--	--	13
SFW-3	31003	6/13/85	G&M	--	--	--	8	--	--
SFW-3	31003	7/9/85	G&M	--	--	--	--	--	4
SFW-3	31003	7/30/85	G&M	9	--	--	19	--	5
SFW-3*	31003	8/1/85	G&M	11	--	--	13	--	4
SFW-4	31004	8/1/82	USEPA	--	--	--	--	--	2.4
SFW-4	31004	5/18/83	KDHE	.9	--	--	9	--	14.9
SFW-4	31004	5/31/83	KDHE	2	--	.5	7.1	--	13.6
SFW-4	31004	11/21/83	KDHE	--	--	--	--	--	14.2
SFW-4	31004	12/22/83	KDHE	--	--	--	--	--	10.5
SFW-4	31004	1/23/84	KDHE	--	--	--	--	--	10.6
SFW-4	31004	2/20/84	KDHE	1	--	--	9.5	--	107
SFW-4	31004	5/14/85	G&M	--	--	--	30	--	97
SFW-4	31004	8/1/85	G&M	--	--	--	--	--	80
SFW-5	31005	5/31/83	KDHE	--	--	--	--	--	12.7
SFW-5	31005	5/14/85	G&M	--	--	--	26	--	87
SFW-5	31005	7/30/85	G&M	--	--	--	--	--	80
SFW-7	31007	4/27/83	KDHE	--	--	--	--	--	--
SFW-7	31007	5/31/83	KDHE	--	--	--	--	--	--
SFW-7	31007	10/17/83	KDHE	--	--	--	--	--	--
SFW-7	31007	5/14/85	G&M	--	--	--	--	--	--
SFW-7	31007	8/1/85	G&M	2	--	--	22	--	55

Table 2. (Continued)

STROTHER FIELD SUPPLY WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	CHLORODI BROMOMETHANE =====	CIS 1,3-DI CHLOROPROPENE =====	1,1,2-TRI CHLOROETHANE =====	BROMOFORM =====	1,1,2,2-TETRA CHLOROETHANE =====	TETRACHLOR- ETHYLENE =====
SFW-8	31008	8/1/82	USEPA	--	--	--	--	--	2.8
SFW-8	31008	8/11/82	USEPA	--	--	--	--	--	9.7
SFW-8	31008	5/18/83	KDHE	.6	--	1.3	6.7	--	421
SFW-8	31008	5/31/83	KDHE	--	--	1.6	--	--	461
SFW-8	31008	6/28/83	KDHE	12.6	--	2.1	12.5	--	369
SFW-8	31008	9/6/83	KDHE	--	--	--	.7	1.2	340
SFW-8	31008	10/7/83	KDHE	--	--	--	--	--	400
SFW-8	31008	10/17/83	KDHE	--	--	--	--	--	259
SFW-8	31008	11/21/83	KDHE	--	--	--	--	--	349
SFW-8	31008	12/22/83	KDHE	--	--	--	--	--	275
SFW-8	31008	1/23/84	KDHE	--	--	--	--	--	304
SFW-8	31008	2/20/84	KDHE	--	--	--	--	--	190
SFW-8	31008	5/14/85	G&M	--	--	--	--	--	110
SFW-8	31008	7/30/85	G&M	--	--	--	--	--	90
SFW-9	31009	4/27/83	KDHE	--	--	--	--	--	
SFW-9	31009	5/31/83	KDHE	--	--	--	--	--	
SFW-9	31009	6/28/83	KDHE	3.5	--	.9	7.9	--	1
SFW-9	31009	10/7/83	KDHE	--	--	--	13.8	--	23
SFW-9	31009	10/8/83	KDHE	--	--	--	3	--	2.4
SFW-9	31009	12/22/83	KDHE	--	--	--	18.2	--	174
SFW-9	31009	1/23/84	KDHE	.9	--	--	9.9	--	2.6
SFW-9	31009	5/14/85	G&M	--	--	--	8	--	24
SFW-9	31009	7/30/85	G&M	--	--	--	16	--	24

Table 2. (Continued)

STROTHER FIELD MONITORING WELLS *****	STATE ID *****	DATE ****	SAMPLED BY *****	TOTAL VOLATILE ORGANICS *****	METHYL CHLORIDE *****	METHYL BROMIDE *****	VINYL CHLORIDE *****	CHLORO ETHANE *****	METHYLENE CHLORIDE *****
MW-1	33051	9/22/83	KDHE	--	--	--	--	--	--
MW-1	33051	1/24/84	KDHE	--	--	--	--	--	--
MW-1	33051	5/15/85	G&M	6	--	--	--	--	--
MW-1*	33051	5/15/85	G&M	--	--	--	--	--	--
MW-1	33051	8/1/85	G&M	--	--	--	--	--	--
MW-1*	33051	8/1/85	G&M	--	--	--	--	--	--
MW-2	33052	9/23/83	KDHE	11.6	--	--	8.9	--	--
MW-2	33052	1/6/84	KDHE	--	--	--	--	--	--
MW-2	33052	1/25/84	KDHE	3.9	--	--	1.7	--	--
MW-2	33052	5/15/85	G&M	--	--	--	--	--	--
MW-2*	33052	5/15/85	G&M	--	--	--	--	--	--
MW-2	33052	7/31/85	G&M	--	--	--	--	--	--
MW-2*	33052	7/31/85	G&M	--	--	--	--	--	--
MW-3	33053	9/23/83	KDHE	--	--	--	--	--	--
MW-3	33053	9/23/83	GE	90	--	--	--	--	--
MW-3	33053	1/23/84	KDHE	--	--	--	--	--	--
MW-3	33053	5/16/85	G&M	--	--	--	--	--	--
MW-3	33053	7/31/85	G&M	--	--	--	--	--	--
MW-4	33054	9/27/83	KDHE	327.8	--	--	--	--	.7
MW-4	33054	10/7/83	KDHE	250.1	--	--	--	--	--
MW-4	33054	10/7/83	GE	420	--	--	--	--	--
MW-4	33054	1/24/84	KDHE	144.7	--	--	--	--	--
MW-4	33054	5/16/85	G&M	818	--	--	--	--	--
MW-4	33054	8/1/85	G&M	718	--	--	--	--	--
MW-5	33055	9/23/83	KDHE	35.7	--	--	--	--	--
MW-5	33055	10/6/83	KDHE	35.9	--	--	--	--	--
MW-5	33055	10/6/83	GE	218	--	--	--	--	--
MW-5	33055	1/23/84	KDHE	395.1	--	--	--	--	--
MW-5	33055	5/16/85	G&M	421	--	--	--	--	--
MW-5	33055	8/1/85	G&M	678	--	--	--	--	--
MW-6	33056	9/28/83	KDHE	4.5	--	--	--	--	--
MW-6	33056	1/25/84	KDHE	3.1	--	--	--	--	--
MW-6	33056	5/15/85	G&M	--	--	--	--	--	--
MW-6	33056	8/1/85	G&M	5	--	--	--	--	--
MW-7	-	7/30/85	G&M	--	--	--	--	--	--
MW-8	-	7/30/85	G&M	--	--	--	--	--	--
MW-9	-	7/30/85	G&M	--	--	--	--	--	--

Table 2. (Continued)

STROTHER FIELD MONITORING WELLS	STATE ID	DATE	SAMPLED BY	1,1-DICHLORO ETHYLENE	1,1-DICHLORO ETHANE	TRANS-1,2-DI CHLOROETHYLENE	CHLORO FORM	1,2-DICHLORO ETHANE	1,1,1-TRI CHLOROETHANE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
MW-1	33051	9/22/83	KDHE	--	--	--	--	--	--
MW-1	33051	1/24/84	KDHE	--	--	--	--	--	--
MW-1	33051	5/15/85	G&M	--	--	--	--	--	--
MW-1*	33051	5/15/85	G&M	--	--	--	--	--	--
MW-1	33051	8/1/85	G&M	--	--	--	--	--	--
MW-1*	33051	8/1/85	G&M	--	--	--	--	--	--
MW-2	33052	9/23/83	KDHE	--	.4	1	--	--	--
MW-2	33052	1/6/84	KDHE	--	--	--	--	--	--
MW-2	33052	1/25/84	KDHE	--	--	.6	--	--	--
MW-2	33052	5/15/85	G&M	--	--	--	--	--	--
MW-2*	33052	5/15/85	G&M	--	--	--	--	--	--
MW-2	33052	7/31/85	G&M	--	--	--	--	--	--
MW-2*	33052	7/31/85	G&M	--	--	--	--	--	--
MW-3	33053	9/23/83	KDHE	--	--	--	--	--	--
MW-3	33053	9/23/83	GE	--	--	--	--	--	--
MW-3	33053	1/23/84	KDHE	--	--	--	--	--	--
MW-3	33053	5/16/85	G&M	--	--	--	--	--	--
MW-3	33053	7/31/85	G&M	--	--	--	--	--	--
MW-4	33054	9/27/83	KDHE	24.7	.5	32.3	10.2	--	54.4
MW-4	33054	10/7/83	KDHE	9.4	.5	39.6	15.2	--	17.3
MW-4	33054	10/7/83	GE	--	--	--	--	--	--
MW-4	33054	1/24/84	KDHE	13.6	.6	31.1	2	--	19.2
MW-4	33054	5/16/85	G&M	--	--	63	53	--	--
MW-4	33054	8/1/85	G&M	85	--	110	56	--	37
MW-5	33055	9/23/83	KDHE	--	--	2.1	--	--	--
MW-5	33055	10/6/83	KDHE	--	--	3.6	--	--	--
MW-5	33055	10/6/83	GE	--	--	--	--	--	--
MW-5	33055	1/23/84	KDHE	--	--	14.1	--	--	--
MW-5	33055	5/16/85	G&M	--	--	21	--	--	--
MW-5	33055	8/1/85	G&M	--	--	28	--	--	--
MW-6	33056	9/28/83	KDHE	--	.6	--	--	--	--
MW-6	33056	1/25/84	KDHE	--	--	2.3	--	--	--
MW-6	33056	5/15/85	G&M	--	--	--	--	--	--
MW-6	33056	8/1/85	G&M	--	--	--	--	--	--
MW-7	-	7/30/85	G&M	--	--	--	--	--	--
MW-8	-	7/30/85	G&M	--	--	--	--	--	--
MW-9	-	7/30/85	G&M	--	--	--	--	--	--

Table 2. (Continued)

STROTHER FIELD MONITORING WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	CARBON TETRA CHLORIDE =====	DICHLORO BROMOMETHANE =====	1,2-DICHLORO PROPANE =====	TRANS 1,3-DI CHLOROPROPENE =====	TRICHLORO ETHYLENE =====	BENZENE =====
WM-1	33051	9/22/83	KDHE	--	--	--	--	--	--
WM-1	33051	1/24/84	KDHE	--	--	--	--	--	--
WM-1	33051	5/15/85	G&M	--	--	--	--	6	--
WM-1*	33051	5/15/85	G&M	--	--	--	--	--	--
WM-1	33051	8/1/85	G&M	--	--	--	--	--	--
WM-1*	33051	8/1/85	G&M	--	--	--	--	--	--
WM-2	33052	9/23/83	KDHE	--	--	--	--	--	1.2
WM-2	33052	1/6/84	KDHE	--	--	--	--	--	--
WM-2	33052	1/25/84	KDHE	--	--	--	--	.5	1.1
WM-2	33052	5/15/85	G&M	--	--	--	--	--	--
WM-2*	33052	5/15/85	G&M	--	--	--	--	--	--
WM-2	33052	7/31/85	G&M	--	--	--	--	--	--
WM-2*	33052	7/31/85	G&M	--	--	--	--	--	--
WM-3	33053	9/23/83	KDHE	--	--	--	--	--	--
WM-3	33053	9/23/83	GE	--	--	--	--	--	--
WM-3	33053	1/23/84	KDHE	--	--	--	--	--	--
WM-3	33053	5/16/85	G&M	--	--	--	--	--	--
WM-3	33053	7/31/85	G&M	--	--	--	--	--	--
WM-4	33054	9/27/83	KDHE	--	--	--	--	205	--
WM-4	33054	10/7/83	KDHE	--	--	--	--	167	--
WM-4	33054	10/7/83	GE	--	--	--	--	--	--
WM-4	33054	1/24/84	KDHE	--	--	--	--	78.6	--
WM-4	33054	5/16/85	G&M	--	--	--	--	700	--
WM-4	33054	8/1/85	G&M	--	--	--	--	430	--
WM-5	33055	9/23/83	KDHE	--	--	--	--	33.6	--
WM-5	33055	10/6/83	KDHE	--	--	--	--	32.3	--
WM-5	33055	10/6/83	GE	--	--	--	--	--	--
WM-5	33055	1/23/84	KDHE	--	--	--	--	381	--
WM-5	33055	5/16/85	G&M	--	--	--	--	400	--
WM-5	33055	8/1/85	G&M	--	--	--	--	550	--
WM-6	33056	9/28/83	KDHE	--	--	--	--	.5	--
WM-6	33056	1/25/84	KDHE	--	--	--	--	--	--
WM-6	33056	5/15/85	G&M	--	--	--	--	--	--
WM-6	33056	8/1/85	G&M	--	--	--	--	--	--
WM-7	-	7/30/85	G&M	--	--	--	--	--	--
WM-8	-	7/30/85	G&M	--	--	--	--	--	--
WM-9	-	7/30/85	G&M	--	--	--	--	--	--

Table 2. (Continued)

STROTHER FIELD MONITORING WELLS	STATE ID	DATE	SAMPLED BY	CHLORODI BROMOMETHANE	CIS 1,3-DI CHLOROPROPENE	1,1,2-TRI CHLOROETHANE	BROMOFORM	1,1,2,2-TETRA CHLOROETHANE	TETRACHLORO ETHYLENE
*****	*****	****	*****	*****	*****	*****	*****	*****	*****
WM-1	33051	9/22/83	KDHE	--	--	--	--	--	--
WM-1	33051	1/24/84	KDHE	--	--	--	--	--	--
WM-1	33051	5/15/85	G&M	--	--	--	--	--	--
WM-1*	33051	5/15/85	G&M	--	--	--	--	--	--
WM-1	33051	8/1/85	G&M	--	--	--	--	--	--
WM-1*	33051	8/1/85	G&M	--	--	--	--	--	--
WM-2	33052	9/23/83	KDHE	--	--	--	--	--	--
WM-2	33052	1/6/84	KDHE	--	--	--	--	--	--
WM-2	33052	1/25/84	KDHE	--	--	--	--	--	--
WM-2	33052	5/15/85	G&M	--	--	--	--	--	--
WM-2*	33052	5/15/85	G&M	--	--	--	--	--	--
WM-2	33052	7/31/85	G&M	--	--	--	--	--	--
WM-2*	33052	7/31/85	G&M	--	--	--	--	--	--
WM-3	33053	9/23/83	KDHE	--	--	--	--	--	--
WM-3	33053	9/23/83	GE	--	--	--	--	--	--
WM-3	33053	1/23/84	KDHE	--	--	--	--	--	--
WM-3	33053	5/16/85	G&M	--	--	--	--	--	--
WM-3	33053	7/31/85	G&M	--	--	--	--	--	--
WM-4	33054	9/27/83	KDHE	--	--	--	--	--	--
WM-4	33054	10/7/83	KDHE	--	--	--	--	--	--
WM-4	33054	10/7/83	GE	--	--	--	--	--	--
WM-4	33054	1/24/84	KDHE	--	--	--	--	--	--
WM-4	33054	5/16/85	G&M	--	--	--	--	--	--
WM-4	33054	8/1/85	G&M	--	--	--	--	--	--
WM-5	33055	9/23/83	KDHE	--	--	--	--	--	--
WM-5	33055	10/6/83	KDHE	--	--	--	--	--	--
WM-5	33055	10/6/83	GE	--	--	--	--	--	--
WM-5	33055	1/23/84	KDHE	--	--	--	--	--	--
WM-5	33055	5/16/85	G&M	--	--	--	--	--	--
WM-5	33055	8/1/85	G&M	--	--	--	--	--	--
WM-6	33056	9/28/83	KDHE	--	--	--	--	--	--
WM-6	33056	1/25/84	KDHE	--	--	--	--	--	--
WM-6	33056	5/16/85	G&M	--	--	--	--	--	--
WM-6	33056	8/1/85	G&M	--	--	--	--	--	5
WM-7	-	7/30/85	G&M	--	--	--	--	--	--
WM-8	-	7/30/85	G&M	--	--	--	--	--	--
WM-9	-	7/30/85	G&M	--	--	--	--	--	--

Table 2. (Continued)

STROTHER FIELD MONITORING WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	TOLUENE =====	CHLORO BENZENE =====	ETHYL BENZENE =====
MW-1	33051	9/22/83	KDHE	--	--	--
MW-1	33051	1/24/84	KDHE	--	--	--
MW-1	33051	5/15/85	G&M	--	--	--
MW-1*	33051	5/15/85	G&M	--	--	--
MW-1	33051	8/1/85	G&M	--	--	--
MW-1*	33051	8/1/85	G&M	--	--	--
MW-2	33052	9/23/83	KDHE	--	--	--
MW-2	33052	1/6/84	KDHE	--	--	--
MW-2	33052	1/25/84	KDHE	--	--	--
MW-2	33052	5/15/85	G&M	--	--	--
MW-2*	33052	5/15/85	G&M	--	--	--
MW-2	33052	7/31/85	G&M	--	--	--
MW-2*	33052	7/31/85	G&M	--	--	--
MW-3	33053	9/23/83	KDHE	--	--	--
MW-3	33053	9/23/83	GE	--	--	--
MW-3	33053	1/23/84	KDHE	--	--	--
MW-3	33053	5/16/85	G&M	--	--	--
MW-3	33053	7/31/85	G&M	--	--	--
MW-4	33054	9/27/83	KDHE	--	--	--
MW-4	33054	10/7/83	KDHE	--	.6	--
MW-4	33054	10/7/83	GE	--	--	--
MW-4	33054	1/24/84	KDHE	--	.6	--
MW-4	33054	5/16/85	G&M	2	--	--
MW-4	33054	8/1/85	G&M	--	--	--
MW-5	33055	9/23/83	KDHE	--	--	--
MW-5	33055	10/6/83	KDHE	--	--	--
MW-5	33055	10/6/83	GE	--	--	--
MW-5	33055	1/23/84	KDHE	--	--	--
MW-5	33055	5/16/85	G&M	--	--	--
MW-5	33055	8/1/85	G&M	--	--	--
MW-6	33056	9/28/83	KDHE	--	3.1	--
MW-6	33056	1/25/84	KDHE	--	.8	--
MW-6	33056	5/15/85	G&M	--	--	--
MW-6	33056	8/1/85	G&M	--	--	--
MW-7	-	7/30/85	G&M	--	--	--
MW-8	-	7/30/85	G&M	--	--	--
MW-9	-	7/30/85	G&M	--	--	--

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	TOTAL VOLATILE ORGANICS =====	METHYL CHLORIDE =====	METHYL BROMIDE =====	VINYL CHLORIDE =====	CHLORO ETHANE =====	METHYLENE CHLORIDE =====
DM-1	33011	6/1/83	KDHE	1659.9	--	--	--	--	2.1
DM-1	33011	7/28/83	KDHE	535.9	--	--	1.5	--	--
DM-1	33011	7/28/83	GE	--	--	--	--	--	--
DM-1	33011	5/17/85	G&M	719	--	--	--	--	--
DM-1	33011	7/31/85	G&M	1002	--	--	--	--	--
DM-2	33012	7/28/83	KDHE	740.8	--	--	--	--	2
DM-3	33013	7/28/83	KDHE	272.5	--	--	--	--	--
DM-4	33014	6/1/83	KDHE	273.8	--	--	--	--	--
DM-4	33014	7/28/83	KDHE	91	--	--	--	--	--
DM-4	33014	7/28/83	GE	--	--	--	--	--	--
DM-5	-	5/26/84	G&M	--	--	--	--	--	--
DM-5	-	5/17/85	G&M	73	--	--	--	--	--
DM-5	-	7/31/85	G&M	26730	--	--	--	--	--
DM-5*	-	7/31/85	G&M	29000	--	--	--	--	--
DM-6	-	5/26/84	G&M	33	--	--	--	--	--
DM-6	-	5/17/85	G&M	11	--	--	--	--	--
DM-6	-	8/1/85	G&M	12	--	--	--	--	--
DM-7	-	5/26/84	G&M	1060	--	--	--	--	--
DM-7	-	5/17/85	G&M	1119	--	--	--	--	--
DM-7	-	8/1/85	G&M	712	--	--	--	--	--
DM-8	-	5/26/84	G&M	--	--	--	--	--	--
DM-9	-	5/17/85	G&M	--	--	--	--	--	--
DM-9*	-	5/17/85	G&M	--	--	--	--	--	--
DM-9	-	8/1/85	G&M	22	--	--	--	--	--
DM-9*	-	8/1/85	G&M	--	--	--	--	--	--
DM-9	-	5/26/84	G&M	24	--	--	--	--	--
DM-9	-	5/16/85	G&M	25300	--	--	--	--	--
DM-9	-	8/1/85	G&M	17300	--	--	--	--	--
DM-10	-	5/26/84	G&M	1455	--	--	--	--	--
DM-10	-	5/15/85	G&M	342	--	--	--	--	--
DM-10	-	8/1/85	G&M	1105	--	--	18	16	--
DM-11	-	5/26/84	G&M	1540	--	--	--	--	--
DM-11	-	5/15/85	G&M	83	--	--	--	--	--
DM-11	-	8/1/85	G&M	125	--	--	--	--	--
DM-12	-	5/26/84	G&M	3.6	--	--	--	--	--
DM-12	-	5/15/85	G&M	--	--	--	--	--	--
DM-12	-	7/30/85	G&M	--	--	--	--	--	--
DM-13	-	5/26/84	G&M	16350	--	--	--	--	--
DM-13	-	5/15/85	G&M	8399	--	--	--	--	--

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS *****	STATE ID *****	DATE ****	SAMPLED BY *****	TOTAL VOLATILE ORGANICS *****	METHYL CHLORIDE *****	METHYL BROMIDE *****	VINYL CHLORIDE *****	CHLORO ETHANE *****	METHYLENE CHLORIDE *****
DM-14	--	5/26/84	GLM	13045	--	--	--	--	--
DM-14	-	5/15/85	GLM	7790	--	--	--	--	--
DM-14*	-	5/15/85	GLM	7902	--	--	--	--	--
DM-14	-	7/31/85	GLM	13200	--	--	--	--	--
DM-14*	-	7/31/85	GLM	14350	--	--	--	--	--
DM-15	-	5/15/85	GLM	7172	--	--	300	56	--
DM-15	-	7/31/85	GLM	2960	--	--	150	--	--
DM-16	-	5/16/85	GLM	--	--	--	--	--	--
DM-16*	-	5/16/85	GLM	--	--	--	--	--	--
DM-16	-	8/1/85	GLM	--	--	--	--	--	--
DM-16*	-	8/1/85	GLM	--	--	--	--	--	--
DM-17	-	5/16/85	GLM	--	--	--	--	--	--
DM-17	-	7/30/85	GLM	--	--	--	--	--	--
DM-18	-	5/15/85	GLM	135	--	--	--	--	--
DM-18	-	7/31/85	GLM	36	--	--	--	--	--
DM-19	-	5/16/85	GLM	--	--	--	--	--	--
DM-19	-	8/1/85	GLM	--	--	--	--	--	--
DM-20	-	5/16/85	GLM	3	--	--	--	--	--
DM-20	-	7/30/85	GLM	--	--	--	--	--	--
DM-21	-	5/16/85	GLM	--	--	--	--	--	--
DM-21	-	7/30/85	GLM	--	--	--	--	--	--
DM-22	-	5/16/85	GLM	62	--	--	--	--	--
DM-22	-	7/31/85	GLM	57	--	--	--	--	--
DM-23	-	5/16/85	GLM	--	--	--	--	--	--
DM-23	-	7/31/85	GLM	--	--	--	--	--	--
DM-24	-	5/16/85	GLM	--	--	--	--	--	--
DM-24	-	7/31/85	GLM	--	--	--	--	--	--
DM-25	-	5/16/85	GLM	--	--	--	--	--	--
DM-25	-	7/31/85	GLM	--	--	--	--	--	--
DM-26	-	5/15/85	GLM	--	--	--	--	--	--
DM-26	-	7/30/85	GLM	--	--	--	--	--	--
DM-27	-	5/16/85	GLM	23	--	--	--	--	--
DM-27	-	8/1/85	GLM	9	--	--	--	--	--
DM-28	-	5/15/85	GLM	--	--	--	--	--	--
DM-28	-	7/30/85	GLM	--	--	--	--	--	--
DM-29	-	5/16/85	GLM	2380	--	--	--	--	--

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	TOTAL VOLATILE ORGANICS =====	METHYL CHLORIDE =====	METHYL BROMIDE =====	VINYL CHLORIDE =====	CHLORO ETHANE =====	METHYLENE CHLORIDE =====
CMW-2	-	5/17/85	G&M	--	--	--	--	--	--
CMW-2	-	8/1/85	G&M	--	--	--	--	--	--
CMW-4	-	5/17/85	G&M	2484	--	--	--	--	--
CMW-4a	-	5/17/85	G&M	2298	--	--	--	--	--
CMW-4	-	8/1/85	G&M	1650	--	--	--	--	--
CMW-4a	-	8/1/85	G&M	2200	--	--	--	--	--
CMW-5	-	5/17/85	G&M	14400	--	--	--	--	--
CMW-5	-	8/1/85	G&M	50	--	--	--	--	--
CMW-12	-	5/17/85	G&M	--	--	--	--	--	--
CMW-12	-	8/1/85	G&M	7	--	--	--	--	--
CMW-13	-	5/16/85	G&M	83	--	--	--	--	--
CMW-13	-	8/1/85	G&M	521	--	--	--	--	--
CMW-14	-	5/16/85	G&M	2	--	--	--	--	--
CMW-14	-	8/1/85	G&M	--	--	--	--	--	--

- Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS *****	STATE ID *****	DATE ****	SAMPLED BY *****	1,1-DICHLORO ETHYLENE *****	1,1-DICHLORO ETHANE *****	TRANS-1,2-DI CHLOROETHYLENE *****	CHLORO FORM *****	1,2-DICHLORO ETHANE *****	1,1,1-TRI CHLOROETHANE *****
DM-1	33011	6/1/83	KDHE	280	22.7	273	21	1.7	244
DM-1	33011	7/28/83	KDHE	92.5	8.7	74.9	8.1	.8	99.4
DM-1	33011	7/28/83	GE	--	--	--	--	--	--
DM-1	33011	5/17/85	G&M	94	17	140	--	--	--
DM-1	33011	7/31/85	G&M	200	19	290	--	--	48
									72
DM-2	33012	7/28/83	KDHE	67.8	4.5	57.5	1.5	.5	70.1
DM-3	33013	7/28/83	KDHE	28.9	3.9	44.6	23.1	--	26.5
DM-4	33014	6/1/83	KDHE	9.5	.8	50.2	2.2	--	16.5
DM-4	33014	7/28/83	KDHE	5.1	1.1	23	.8	--	5.9
DM-4	33014	7/28/83	KDHE	--	--	--	--	--	--
DM-5	-	5/26/84	G&M	--	--	--	--	--	--
DM-5	-	5/17/85	G&M	--	--	73	--	--	--
DM-5	-	7/31/85	G&M	630	--	--	--	--	--
DM-5*	-	7/31/85	G&M	--	--	--	--	2100	24000
								--	29000
DM-6	-	5/26/84	G&M	--	--	--	--	--	--
DM-6	-	5/17/85	G&M	--	--	--	--	--	--
DM-6	-	8/1/85	G&M	--	--	--	--	--	--
DM-7	-	5/26/84	G&M	--	--	180	--	--	--
DM-7	-	5/17/85	G&M	9	--	160	--	--	--
DM-7	-	8/1/85	G&M	24	8	250	--	--	--
DM-8	-	5/26/84	G&M	--	--	--	--	--	--
DM-8	-	5/17/85	G&M	--	--	--	--	--	--
DM-8*	-	5/17/85	G&M	--	--	--	--	--	--
DM-8	-	8/1/85	G&M	--	--	--	--	--	--
DM-8*	-	8/1/85	G&M	--	--	--	--	--	--
DM-9	-	5/26/84	G&M	--	--	--	--	--	--
DM-9	-	5/16/85	G&M	--	--	--	--	--	--
DM-9	-	8/1/85	G&M	--	--	--	--	--	--
DM-10	-	5/26/84	G&M	56	89	220	--	--	170
DM-10	-	5/15/84	G&M	46	62	250	--	--	110
DM-10	-	8/1/85	G&M	66	110	340	--	--	110
DM-11	-	5/26/84	G&M	29	22	150	--	--	59
DM-11	-	5/15/84	G&M	--	--	--	--	--	--
DM-11	-	8/1/85	G&M	--	--	13	--	--	--
DM-12	-	5/26/84	G&M	--	--	--	--	--	--
DM-12	-	5/15/85	G&M	--	--	--	--	--	--
DM-12	-	7/30/85	G&M	--	--	--	--	--	--
DM-13	-	5/26/84	G&M	290	--	250	--	--	270
DM-13	-	5/15/85	G&M	260	26	280	--	--	270

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS *****	STATE ID *****	DATE ***	SAMPLED BY *****	1,1-DICHLORO ETHYLENE *****	1,1-DICHLORO ETHANE *****	TRANS-1,2-DI CHLOROETHYLENE *****	CHLORO FORM *****	1,2-DICHLORO ETHANE *****	1,1,1-TRI CHLOROETHANE *****
DM-14	-	5/26/84	GLM	--	--	--	--	--	45
DM-14	-	5/15/85	GLM	46	--	26	--	--	110
DM-14*	-	5/15/85	GLM	48	--	31	--	--	110
DM-14	-	7/31/85	GLM	--	--	--	--	--	--
DM-14*	-	7/31/85	GLM	180	--	--	--	--	170
DM-15	-	5/15/85	GLM	140	290	3300	--	--	500
DM-15	-	7/31/85	GLM	70	130	2400	--	--	100
DM-16	-	5/16/85	GLM	--	--	--	--	--	--
DM-16*	-	5/16/85	GLM	--	--	--	--	--	--
DM-16	-	8/1/85	GLM	--	--	--	--	--	--
DM-16*	-	8/1/85	GLM	--	--	--	--	--	--
DM-17	-	5/16/85	GLM	--	--	--	--	--	--
DM-17	-	7/30/85	GLM	--	--	--	--	--	--
DM-18	-	5/15/85	GLM	--	9	37	--	--	--
DM-18	-	7/31/85	GLM	--	--	16	--	--	9
DM-19	-	5/16/85	GLM	--	--	--	--	--	--
DM-19	-	8/1/85	GLM	--	--	--	--	--	--
DM-20	-	5/16/85	GLM	--	--	--	--	--	--
DM-20	-	7/30/85	GLM	--	--	--	--	--	--
DM-21	-	5/16/85	GLM	--	--	--	--	--	--
DM-21	-	7/30/85	GLM	--	--	--	--	--	--
DM-22	-	5/16/85	GLM	--	--	39	--	--	--
DM-22	-	7/31/85	GLM	--	--	30	--	--	--
DM-23	-	5/16/85	GLM	--	--	--	--	--	--
DM-23	-	7/31/85	GLM	--	--	--	--	--	--
DM-24	-	5/16/85	GLM	--	--	--	--	--	--
DM-24	-	7/31/85	GLM	--	--	--	--	--	--
DM-25	-	5/16/85	GLM	--	--	--	--	--	--
DM-25	-	7/31/85	GLM	--	--	--	--	--	--
DM-26	-	5/15/85	GLM	--	--	--	--	--	--
DM-26	-	7/30/85	GLM	--	--	--	--	--	--
DM-27	-	5/16/85	GLM	--	--	--	--	--	--
DM-27	-	8/1/85	GLM	--	--	--	--	--	--
DM-28	-	5/15/85	GLM	--	--	--	--	--	--
DM-28	-	7/30/85	GLM	--	--	--	--	--	--
DM-29	-	5/16/85	GLM	49	34	480	--	--	120

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	1,1-DICHLORO ETHYLENE	1,1-DICHLORO ETHANE	TRANS-1,2-DI CHLOROETHYLENE	CHLORO FORM	1,2-DICHLORO ETHANE	1,1,1-TRI CHLOROETHANE
*****	*****	****	*****	*****	*****	*****	*****	*****	*****
CMW-2	-	5/17/85	GLM	--	--	--	--	--	--
CMW-2	-	8/1/85	GLM	--	--	--	--	--	--
CMW-4	-	5/17/85	GLM	19	--	35	--	--	29
CMW-4	-	5/17/85	GLM	23	--	34	--	--	28
CMW-4	-	8/1/85	GLM	--	--	--	--	--	50
CMW-4	-	8/1/85	GLM	--	--	--	--	--	--
CMW-5	-	5/17/85	GLM	--	270	--	--	--	14000
CMW-5	-	8/1/85	GLM	--	--	--	--	--	--
CMW-12	-	5/17/85	GLM	--	--	--	--	--	--
CMW-12	-	8/1/85	GLM	--	--	--	--	--	--
CMW-13	-	5/16/85	GLM	15	--	--	--	--	26
CMW-13	-	8/1/85	GLM	94	--	--	--	--	200
CMW-14	-	5/16/85	GLM	--	--	--	--	--	--
CMW-14	-	8/1/85	GLM	--	--	--	--	--	--

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	CARBON TETRA CHLORIDE	DICHLORO BROMOMETHANE	1,2-DICHLORO PROPANE	TRANS 1,3-DI CHLOROPROPENE	TRICHLORO ETHYLENE	BENZENE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
DM-1	33011	6/1/83	KDHE	--	--	--	--	313	--
DM-1	33011	7/28/83	KDHE	--	--	--	--	359	--
DM-1	33011	7/28/83	GE	--	--	--	--	--	--
DM-1	33011	5/17/85	G&M	--	--	--	--	420	--
DM-1	33011	7/31/85	G&M	--	--	--	--	420	--
DM-2	33012	7/28/83	KDHE	--	--	--	--	527	--
DM-3	33013	7/28/83	KDHE	--	--	--	--	144	--
DM-4	33014	6/1/83	KDHE	--	1.5	--	--	177	--
DM-4	33014	7/28/83	KDHE	--	--	--	--	53.2	--
DM-4	33014	7/28/83	GE	--	--	--	--	--	--
DM-5	-	5/26/84	G&M	--	--	--	--	--	--
DM-5	-	5/17/85	G&M	--	--	--	--	--	--
DM-5	-	7/31/85	G&M	--	--	--	--	--	--
DM-5*	-	7/31/85	G&M	--	--	--	--	--	--
DM-6	-	5/26/84	G&M	--	--	--	--	33	--
DM-6	-	5/17/85	G&M	--	--	--	--	11	--
DM-6	-	8/1/85	G&M	--	--	--	--	11	1
DM-7	-	5/26/84	G&M	--	--	--	--	980	--
DM-7	-	5/17/85	G&M	--	--	--	--	950	--
DM-7	-	8/1/85	G&M	--	--	--	--	430	--
DM-8	-	5/26/84	G&M	--	--	--	--	--	--
DM-8	-	5/17/85	G&M	--	--	--	--	--	--
DM-8*	-	5/17/85	G&M	--	--	--	--	--	--
DM-8	-	8/1/85	G&M	--	--	--	--	--	--
DM-8*	-	8/1/85	G&M	--	--	--	--	--	--
DM-9	-	5/26/84	G&M	--	--	--	--	24	--
DM-9	-	5/16/85	G&M	--	--	--	--	--	1300
DM-9	-	8/1/85	G&M	--	--	--	--	--	1100
DM-10	-	5/26/84	G&M	--	--	--	--	760	130
DM-10	-	5/15/85	G&M	--	--	--	--	140	34
DM-10	-	8/1/85	G&M	--	--	--	--	350	63
DM-11	-	5/26/84	G&M	--	--	--	--	920	140
DM-11	-	5/15/85	G&M	--	--	--	--	11	4
DM-11	-	8/1/85	G&M	--	--	--	--	13	3
DM-12	-	5/26/84	G&M	--	--	--	--	2.6	--
DM-12	-	5/15/85	G&M	--	--	--	--	--	--
DM-12	-	7/30/85	G&M	--	--	--	--	--	--
DM-12	-	5/26/84	G&M	--	--	--	--	15000	--
DM-13	-	5/15/85	G&M	--	--	--	--	2200	1

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	CARBON TETRA CHLORIDE =====	DICHLORO BROMOMETHANE =====	1,2-DICHLORO PROPANE =====	TRANS 1,3-DI CHLOROPROPENE =====	TRICHLORO ETHYLENE =====	BENZENE =====
DM-14	-	5/26/84	GLM	--	--	--	--	13000	--
DM-14	-	5/15/85	GLM	--	--	--	--	7600	8
DM-14	-	5/15/85	GLM	--	--	--	--	7700	11
DM-14	-	7/31/85	GLM	--	--	--	--	13000	--
DM-14	-	7/31/85	GLM	--	--	--	--	14000	--
DM-15	-	5/15/85	GLM	--	--	--	--	2400	2
DM-15	-	7/31/85	GLM	--	--	--	--	90	--
DM-16	-	5/16/85	GLM	--	--	--	--	--	--
DM-16	-	5/16/85	GLM	--	--	--	--	--	--
DM-16	-	8/1/85	GLM	--	--	--	--	--	--
DM-16	-	8/1/85	GLM	--	--	--	--	--	--
DM-17	-	5/16/85	GLM	--	--	--	--	--	--
DM-17	-	7/30/85	GLM	--	--	--	--	--	--
DM-18	-	5/15/85	GLM	--	--	--	--	83	--
DM-18	-	7/31/85	GLM	--	--	--	--	11	--
DM-19	-	5/16/85	GLM	--	--	--	--	--	--
DM-19	-	8/1/85	GLM	--	--	--	--	--	--
DM-20	-	5/16/85	GLM	--	--	--	--	--	--
DM-20	-	7/30/85	GLM	--	--	--	--	--	--
DM-21	-	5/16/85	GLM	--	--	--	--	--	--
DM-21	-	7/30/85	GLM	--	--	--	--	--	--
DM-22	-	5/16/85	GLM	--	--	--	--	25	--
DM-22	-	7/31/85	GLM	--	--	--	--	27	--
DM-23	-	5/16/85	GLM	--	--	--	--	--	--
DM-23	-	7/31/85	GLM	--	--	--	--	--	--
DM-24	-	5/16/85	GLM	--	--	--	--	--	--
DM-24	-	7/31/85	GLM	--	--	--	--	--	--
DM-25	-	5/16/85	GLM	--	--	--	--	--	--
DM-25	-	7/31/85	GLM	--	--	--	--	--	--
DM-26	-	5/15/85	GLM	--	--	--	--	--	--
DM-26	-	7/30/85	GLM	--	--	--	--	--	--
DM-27	-	5/15/85	GLM	--	--	--	--	7	--
DM-27	-	8/1/85	GLM	--	--	--	--	6	--
DM-28	-	5/15/85	GLM	--	--	--	--	--	--
DM-28	-	7/30/85	GLM	--	--	--	--	--	--
DM-29	-	5/16/85	GLM	--	--	--	--	1700	--

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	CARBON TETRA CHLORIDE	DICHLORO BROMOMETHANE	1,2-DICHLORO PROPANE	TRANS 1,3-DI CHLOROPROPENE	TRICHLORO ETHYLENE	BENZENE
*****	*****	****	*****	*****	*****	*****	*****	*****	*****
CNM-2	-	5/17/85	G&M	--	--	--	--	--	--
CNM-2	-	8/1/85	G&M	--	--	--	--	--	--
CNM-4	-	5/17/85	G&M	--	--	--	--	2400	1
CNM-4	-	5/17/85	G&M	--	--	--	--	2200	--
CNM-4	-	8/1/85	G&M	--	--	--	--	1600	--
CNM-4	-	8/1/85	G&M	--	--	--	--	2200	--
CNM-5	-	5/17/85	G&M	--	--	--	--	130	--
CNM-5	-	8/1/85	G&M	--	--	--	--	50	--
CNM-12	-	5/17/85	G&M	--	--	--	--	--	--
CNM-12	-	8/1/85	G&M	--	--	--	--	7	--
CNM-13	-	5/16/85	G&M	--	--	--	--	42	--
CNM-13	-	8/1/85	G&M	--	--	--	--	220	--
CNM-14	-	5/16/85	G&M	--	--	--	--	2	--
CNM-14	-	8/1/85	G&M	--	--	--	--	--	--

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS *****	STATE ID *****	DATE ****	SAMPLED BY *****	CHLORO DI BROMOMETHANE *****	CIS 1,3-DI CHLOROPROPENE *****	1,1,2-TRI CHLOROETHANE *****	BROMOFORM *****	1,1,2,2-TETRA CHLOROETHANE *****	TETRACHLORO ETHYLENE *****
DM-1	33011	6/1/83	KDHE	--	--	1.5	--	--	.9
DM-1	33011	7/28/83	KDHE	--	--	.4	--	--	.6
DM-1	33011	7/28/83	GE	--	--	--	--	--	--
DM-1	33011	5/17/85	G&M	--	--	--	--	--	--
DM-1	33011	7/31/85	G&M	--	--	--	--	--	--
DM-2	33012	7/28/83	KDHE	--	--	.6	--	--	10.4
DM-3	33013	7/28/83	KDHE	--	--	--	--	--	1.5
DM-4	33014	6/1/83	KDHE	2.3	--	--	1.7	--	12
DM-4	33014	7/28/83	KDHE	--	--	--	--	--	2
DM-4	33014	7/28/83	GE	--	--	--	--	--	--
DM-5	-	5/26/84	G&M	--	--	--	--	--	--
DM-5	-	5/17/85	G&M	--	--	--	--	--	--
DM-5	-	7/31/85	G&M	--	--	--	--	--	--
DM-5*	-	7/31/85	G&M	--	--	--	--	--	--
DM-6	-	5/26/84	G&M	--	--	--	--	--	--
DM-6	-	5/17/85	G&M	--	--	--	--	--	--
DM-6	-	8/1/85	G&M	--	--	--	--	--	--
DM-7	-	5/26/84	G&M	--	--	--	--	--	--
DM-7	-	5/17/85	G&M	--	--	--	--	--	--
DM-7	-	8/1/85	G&M	--	--	--	--	--	--
DM-8	-	5/26/84	G&M	--	--	--	--	--	--
DM-8	-	5/17/85	G&M	--	--	--	--	--	--
DM-8*	-	5/17/85	G&M	--	--	--	--	--	--
DM-8	-	8/1/85	G&M	--	--	--	--	--	22
DM-8*	-	8/1/85	G&M	--	--	--	--	--	--
DM-9	-	5/26/84	G&M	--	--	--	--	--	--
DM-9	-	5/16/85	G&M	--	--	--	--	--	--
DM-9	-	8/1/85	G&M	--	--	--	--	--	--
DM-10	-	5/26/84	G&M	--	--	--	--	--	--
DM-10	-	5/15/85	G&M	--	--	--	--	--	--
DM-10	-	8/1/85	G&M	--	--	--	--	--	--
DM-11	-	5/26/84	G&M	--	--	--	--	--	--
DM-11	-	5/15/85	G&M	--	--	--	--	--	--
DM-11	-	9/1/85	G&M	--	--	--	--	--	--
DM-12	-	5/26/84	G&M	--	--	--	--	--	--
DM-12	-	5/15/85	G&M	--	--	--	--	--	--
DM-12	-	7/30/85	G&M	--	--	--	--	--	--
DM-13	-	5/26/84	G&M	--	--	--	--	--	--
DM-13	-	5/15/85	G&M	--	--	--	--	--	--

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	CHLORODI BROMOMETHANE =====	CIS 1,3-DI CHLOROPROPENE =====	1,1,2-TRI CHLOROETHANE =====	BROMOFORM =====	1,1,2,2-TETRA CHLOROETHANE =====	TETRACHLORO ETHYLENE =====
DM-14	-	5/26/84	GLM	--	--	--	--	--	--
DM-14	-	5/15/85	GLM	--	--	--	--	--	--
DM-14*	-	5/15/85	GLM	--	--	--	--	--	--
DM-14	-	7/31/85	GLM	--	--	--	--	--	290
DM-14*	-	7/31/85	GLM	--	--	--	--	--	--
DM-15	-	5/15/85	GLM	--	--	--	--	--	--
DM-15	-	7/31/85	GLM	--	--	--	--	--	--
DM-16	-	5/16/85	GLM	--	--	--	--	--	--
DM-16*	-	5/16/85	GLM	--	--	--	--	--	--
DM-16	-	8/1/85	GLM	--	--	--	--	--	--
DM-16*	-	8/1/85	GLM	--	--	--	--	--	--
DM-17	-	5/16/85	GLM	--	--	--	--	--	--
DM-17	-	7/31/85	GLM	--	--	--	--	--	--
DM-18	-	5/15/85	GLM	--	--	--	--	--	--
DM-18	-	7/31/85	GLM	--	--	--	--	--	--
DM-19	-	5/16/85	GLM	--	--	--	--	--	--
DM-19	-	8/1/85	GLM	--	--	--	--	--	--
DM-20	-	5/16/85	GLM	3	--	--	--	--	--
DM-20	-	7/30/85	GLM	--	--	--	--	--	--
DM-21	-	5/16/85	GLM	--	--	--	--	--	--
DM-21	-	7/30/85	GLM	--	--	--	--	--	--
DM-22	-	5/16/85	GLM	--	--	--	--	--	--
DM-22	-	7/31/85	GLM	--	--	--	--	--	--
DM-23	-	5/16/85	GLM	--	--	--	--	--	--
DM-23	-	7/31/85	GLM	--	--	--	--	--	--
DM-24	-	5/16/85	GLM	--	--	--	--	--	--
DM-24	-	7/31/85	GLM	--	--	--	--	--	--
DM-25	-	5/16/85	GLM	--	--	--	--	--	--
DM-25	-	7/31/85	GLM	--	--	--	--	--	--
DM-26	-	5/15/85	GLM	--	--	--	--	--	--
DM-26	-	7/30/85	GLM	--	--	--	--	--	--
DM-27	-	5/16/85	GLM	--	--	--	--	--	--
DM-27	-	9/1/85	GLM	--	--	--	--	--	--
DM-28	-	5/15/85	GLM	--	--	--	--	--	--
DM-28	-	7/30/85	GLM	--	--	--	--	--	--
DM-29	-	5/16/85	GLM	--	--	--	--	--	--

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS *****	STATE ID *****	DATE ****	SAMPLED BY *****	CHLORODI BROMOMETHANE *****	CIS 1,3-DI CHLOROPROPENE *****	1,1,2-TRI CHLOROETHANE *****	BROMOFORM *****	1,1,2,2-TETRA CHLOROETHANE *****	TETRACHLORO ETHYLENE *****
CMW-2	-	5/17/85	GLM	--	--	--	--	--	--
CMW-2	-	8/1/85	GLM	--	--	--	--	--	--
CMW-4	-	5/17/85	GLM	--	--	--	--	--	--
CMW-4a	-	5/17/85	GLM	--	--	--	--	--	--
CMW-4	-	8/1/85	GLM	--	--	--	--	--	3
CMW-4a	-	8/1/85	GLM	--	--	--	--	--	--
CMW-5	-	5/17/85	GLM	--	--	--	--	--	--
CMW-5	-	8/1/85	GLM	--	--	--	--	--	--
CMW-12	-	5/17/85	GLM	--	--	--	--	--	--
CMW-12	-	8/1/85	GLM	--	--	--	--	--	--
CMW-13	-	5/16/85	GLM	--	--	--	--	--	--
CMW-13	-	8/1/85	GLM	--	--	--	--	--	7
CMW-14	-	5/16/85	GLM	--	--	--	--	--	--
CMW-14	-	8/1/85	GLM	--	--	--	--	--	--

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS *****	STATE ID *****	DATE ****	SAMPLED BY *****	TOLUENE *****	CHLORO BENZENE *****	ETHYL BENZENE *****	XYLENES *****	ACETONE *****
DM-1	33011	6/1/83	KDHE	--	--	--	NA	NA
DM-1	33011	7/28/83	KDHE	--	--	--	NA	NA
DM-1	33011	7/28/83	GE	--	--	--	NA	NA
DM-1	33011	5/17/85	G&M	--	--	--	--	--
DM-1	33011	7/31/85	G&M	--	--	--	--	--
DM-2	33012	7/28/83	KDHE	--	--	--	NA	NA
DM-3	33013	7/28/83	KDHE	--	--	--	NA	NA
DM-4	33014	6/1/83	KDHE	--	--	--	NA	NA
DM-4	33014	7/28/83	KDHE	--	--	--	NA	NA
DM-4	33014	7/28/83	GE	--	--	--	NA	NA
DM-5	-	5/26/84	G&M	--	--	--	--	--
DM-5	-	5/17/85	G&M	--	--	--	--	--
DM-5	-	7/31/85	G&M	--	--	--	--	--
DM-5*	-	7/31/85	G&M	--	--	--	--	--
DM-6	-	5/26/84	G&M	--	--	--	--	--
DM-6	-	5/17/85	G&M	--	--	--	--	--
DM-6	-	8/1/85	G&M	--	--	--	--	--
DM-7	-	5/26/84	G&M	--	--	--	--	--
DM-7	-	5/17/85	G&M	--	--	--	--	--
DM-7	-	8/1/85	G&M	--	--	--	--	--
DM-8	-	5/26/84	G&M	--	--	--	--	--
DM-8	-	5/17/85	G&M	--	--	--	--	--
DM-8*	-	5/17/85	G&M	--	--	--	--	--
DM-8	-	8/1/85	G&M	--	--	--	--	--
DM-8*	-	8/1/85	G&M	--	--	--	--	--
DM-9	-	5/26/84	G&M	--	--	--	--	--
DM-9	-	5/16/85	G&M	11000	--	1000	12000	--
DM-9	-	8/1/85	G&M	6800	--	800	8600	--
DM-10	-	5/26/84	G&M	--	--	--	30	--
DM-10	-	5/15/85	G&M	--	--	--	--	--
DM-10	-	8/1/85	G&M	--	--	--	2	--
DM-11	-	5/26/84	G&M	130	--	30	300	1200
DM-11	-	5/15/85	G&M	27	--	11	30	--
DM-11	-	8/1/85	G&M	13	--	14	4	65
DM-12	-	5/26/84	G&M	--	--	--	--	--
DM-12	-	5/15/85	G&M	--	--	--	--	--
DM-12	-	7/30/85	G&M	--	--	--	--	--
DM-13	-	5/26/84	G&M	--	--	--	--	--
DM-13	-	5/15/85	G&M	--	--	--	--	--

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED BY	TOLUENE	CHLORO BENZENE	ETHYL BENZENE	XYLENES	ACETONE
*****	*****	****	*****	*****	*****	*****	*****	*****
DM-14	-	5/26/84	G&M	--	--	--	--	--
DM-14	-	5/15/85	G&M	--	--	--	--	--
DM-14*	-	5/15/85	G&M	2	--	--	--	--
DM-14	-	7/31/85	G&M	--	--	--	--	--
DM-14*	-	7/31/85	G&M	--	--	--	--	--
DM-15	-	5/15/85	G&M	23	--	11	140	--
DM-15	-	7/31/85	G&M	--	--	--	20	--
DM-16	-	5/16/85	G&M	--	--	--	--	--
DM-16*	-	5/16/85	G&M	--	--	--	--	--
DM-16	-	8/1/85	G&M	--	--	--	--	--
DM-16*	-	8/1/85	G&M	--	--	--	--	--
DM-17	-	5/16/85	G&M	--	--	--	--	--
DM-17	-	7/30/85	G&M	--	--	--	--	--
DM-18	-	5/15/85	G&M	--	--	--	6	--
DM-18	-	7/31/85	G&M	--	--	--	--	--
DM-19	-	5/16/85	G&M	--	--	--	--	--
DM-19	-	8/1/85	G&M	--	--	--	--	--
DM-20	-	5/16/85	G&M	--	--	--	--	--
DM-20	-	7/30/85	G&M	--	--	--	--	--
DM-21	-	5/16/85	G&M	--	--	--	--	--
DM-21	-	7/30/85	G&M	--	--	--	--	--
DM-22	-	5/16/85	G&M	--	--	--	--	--
DM-22	-	7/31/85	G&M	--	--	--	--	--
DM-23	-	5/16/85	G&M	--	--	--	--	--
DM-23	-	7/31/85	G&M	--	--	--	--	--
DM-24	-	5/16/85	G&M	--	--	--	--	--
DM-24	-	7/31/85	G&M	--	--	--	--	--
DM-25	-	5/16/85	G&M	--	--	--	--	--
DM-25	-	7/31/85	G&M	--	--	--	--	--
DM-26	-	5/15/85	G&M	--	--	--	--	--
DM-26	-	7/30/85	G&M	--	--	--	--	--
DM-27	-	5/16/85	G&M	16	--	--	--	--
DM-27	-	8/1/85	G&M	--	--	--	--	--
DM-28	-	5/15/85	G&M	--	--	--	--	--
DM-28	-	7/30/85	G&M	--	--	--	--	--
DM-29	-	5/16/85	G&M	--	--	--	--	--

Table 2. (Continued)

GENERAL ELECTRIC MONITORING WELLS =====	STATE ID =====	DATE =====	SAMPLED BY =====	TOLUENE =====	CHLORO BENZENE =====	ETHYL BENZENE =====	XYLENES =====	ACETONE =====
CMW-2	-	5/17/85	G&M	--	--	--	--	--
CMW-2	-	8/1/85	G&M	--	--	--	--	--
CMW-4	-	5/17/85	G&M	--	--	--	--	--
CMW-4+	-	5/17/85	G&M	--	--	--	--	--
CMW-4	-	8/1/85	G&M	--	--	--	--	--
CMW-4+	-	8/1/85	G&M	--	--	--	--	--
CMW-5	-	5/17/85	G&M	--	--	--	--	--
CMW-5	-	8/1/85	G&M	--	--	--	--	--
CMW-12	-	5/17/85	G&M	--	--	--	--	--
CMW-12	-	8/1/85	G&M	--	--	--	--	--
CMW-13	-	5/16/85	G&M	--	--	--	--	--
CMW-13	-	8/1/85	G&M	--	--	--	--	--
CMW-14	-	5/16/85	G&M	--	--	--	--	--
CMW-14	-	8/1/85	G&M	--	--	--	--	--

- Table 2. (Continued)

CROWLEY COUNTY FIRST WATER DISTRICT #6	STATE ID	DATE	SAMPLED BY	TOTAL VOLATILE ORGANICS	METHYL CHLORIDE	METHYL BROMIDE	VINYL CHLORIDE	CHLORO ETHANE	METHYLENE CHLORIDE
*****	*****	****	*****	*****	*****	*****	*****	*****	*****
RWD 06-1	51001	4/27/83	KDHE	4.8	--	--	--	--	--
RWD 06-1	51001	6/9/83	KDHE	--	--	--	--	--	--
RWD 06-1	51001	9/6/83	KDHE	--	--	--	--	--	--
RWD 06-1	51001	1/23/84	KDHE	--	--	--	--	--	--
RWD 06-1	51001	7/30/85	G&M	--	--	--	--	--	--
RWD 06-2	51002	6/9/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	7/19/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	7/28/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	8/23/83	KDHE	6.2	--	--	--	--	--
RWD 06-2	51002	9/6/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	12/22/83	KDHE	.8	--	--	--	--	--
RWD 06-2	51001	7/30/85	G&M	--	--	--	--	--	--
RWD 06-3	51003	4/27/83	KDHE	--	--	--	--	--	--
RWD 06-3	51003	6/9/83	KDHE	--	--	--	--	--	--
RWD 06-3	51003	9/6/83	KDHE	--	--	--	--	--	--
RWD 06-3	51003	11/21/83	KDHE	--	--	--	--	--	--
RWD 06-3	51001	7/30/85	G&M	--	--	--	--	--	--

Table 2. (Continued)

CROWLEY COUNTY FIRST WATER		STATE	DATE	SAMPLED BY	1,1-DICHLORO	1,1-DICHLORO	TRANS-1,2-DI	CHLORO	1,2-DICHLORO	1,1,1-TRI
DISTRICT #	ID	ID			ETHYLENE	ETHANE	CHLOROETHYLENE	FORM	ETHANE	CHLOROETHANE
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
RWD 06-1	51001	51001	4/27/83	KDHE	--	--	--	--	--	--
RWD 06-1	51001	51001	6/9/83	KDHE	--	--	--	--	--	--
RWD 06-1	51001	51001	9/6/83	KDHE	--	--	--	--	--	--
RWD 06-1	51001	51001	1/23/84	KDHE	--	--	--	--	--	--
RWD 06-1	51001	51001	7/30/85	G&M	--	--	--	--	--	--
RWD 06-2	51002	51002	6/9/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	51002	7/19/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	51002	7/28/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	51002	8/23/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	51002	9/6/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	51002	12/22/83	KDHE	--	--	--	--	--	--
RWD 06-2	51001	51001	7/30/85	G&M	--	--	--	--	--	--
RWD 06-3	51003	51003	4/27/83	KDHE	--	--	--	--	--	--
RWD 06-3	51003	51003	6/9/83	KDHE	--	--	--	--	--	--
RWD 06-3	51003	51003	9/6/83	KDHE	--	--	--	--	--	--
RWD 06-3	51003	51003	11/21/83	KDHE	--	--	--	--	--	--
RWD 06-3	51001	51001	7/30/85	G&M	--	--	--	--	--	--

Table 2. (Continued)

CROWLEY COUNTY FIRST WATER DISTRICT #6 *****	STATE ID *****	DATE ***	SAMPLED BY *****	CARBON TETRA CHLORIDE *****	DICHLORO BROMOMETHANE *****	1,2-DICHLORO PROPANE *****	TRANS 1,3-DI CHLOROPROPENE *****	TRICHLORO ETHYLENE *****	BENZENE *****
RWD #6-1	51001	4/27/83	KDHE	--	--	--	--	--	--
RWD #6-1	51001	6/9/83	KDHE	--	--	--	--	--	--
RWD #6-1	51001	9/6/83	KDHE	--	--	--	--	--	--
RWD #6-1	51001	1/23/84	KDHE	--	--	--	--	--	--
RWD #6-1	51001	7/30/85	G&M	--	--	--	--	--	--
RWD #6-2	51002	6/9/83	KDHE	--	--	--	--	--	--
RWD #6-2	51002	7/19/83	KDHE	--	--	--	--	--	--
RWD #6-2	51002	7/28/83	KDHE	--	--	--	--	--	--
RWD #6-2	51002	8/23/83	KDHE	--	--	--	--	--	--
RWD #6-2	51002	9/6/83	KDHE	--	--	--	--	--	--
RWD #6-2	51002	12/22/83	KDHE	--	--	--	--	--	--
RWD #6-2	51001	7/30/85	G&M	--	--	--	--	--	--
RWD #6-3	51003	4/27/83	KDHE	--	--	--	--	--	--
RWD #6-3	51003	6/9/83	KDHE	--	--	--	--	--	--
RWD #6-3	51003	9/6/83	KDHE	--	--	--	--	--	--
RWD #6-3	51003	11/21/83	KDHE	--	--	--	--	--	--
RWD #6-3	51001	7/30/85	G&M	--	--	--	--	--	--

Table 2. (Continued)

CROWLEY COUNTY FIRST WATER DISTRICT #6	STATE ID	DATE	SAMPLED BY	CHLORODI BROMOMETHANE	CIS 1,3-DI CHLOROPROPENE	1,1,2-TRI CHLOROETHANE	BROMOFORM	1,1,2,2-TETRA CHLOROETHANE	TETRACHLORO ETHYLENE
*****	****	****	*****	*****	*****	*****	*****	*****	*****
RWD 06-1	51001	4/27/83	KDHE	.9	--	--	3.9	--	--
RWD 06-1	51001	6/9/83	KDHE	--	--	--	--	--	--
RWD 06-1	51001	9/6/83	KDHE	--	--	--	--	--	--
RWD 06-1	51001	1/23/84	KDHE	--	--	--	--	--	--
RWD 06-1	51001	7/30/85	G&M	--	--	--	--	--	--
RWD 06-2	51002	6/9/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	7/19/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	7/28/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	8/23/83	KDHE	1.1	--	--	5.1	--	--
RWD 06-2	51002	9/6/83	KDHE	--	--	--	--	--	--
RWD 06-2	51002	12/22/83	KDHE	--	--	--	.8	--	--
RWD 06-2	51001	7/30/85	G&M	--	--	--	--	--	--
RWD 06-3	51003	4/27/83	KDHE	--	--	--	--	--	--
RWD 06-3	51003	6/9/83	KDHE	--	--	--	--	--	--
RWD 06-3	51003	9/6/83	KDHE	--	--	--	--	--	--
RWD 06-3	51003	11/21/83	KDHE	--	--	--	--	--	--
RWD 06-3	51001	7/30/85	G&M	--	--	--	--	--	--

Table 2. (Continued)

CROWLEY COUNTY FIRST WATER		STATE	DATE	SAMPLED BY	TOLUENE	CHLORO BENZENE	ETHYL BENZENE
DISTRICT 06	ID						
*****	*****		****	*****	*****	*****	*****
RWD 06-1	S1001		4/27/83	KDHE	--	--	--
RWD 06-1	S1001		6/9/83	KDHE	--	--	--
RWD 06-1	S1001		9/6/83	KDHE	--	--	--
RWD 06-1	S1001		1/23/84	KDHE	--	--	--
RWD 06-1	S1001		7/30/85	GLM	--	--	--
RWD 06-2	S1002		6/9/83	KDHE	--	--	--
RWD 06-2	S1002		7/19/83	KDHE	--	--	--
RWD 06-2	S1002		7/28/83	KDHE	--	--	--
RWD 06-2	S1002		8/23/83	KDHE	--	--	--
RWD 06-2	S1002		9/6/83	KDHE	--	--	--
RWD 06-2	S1002		12/22/83	KDHE	--	--	--
RWD 06-2	S1001		7/30/85	GLM	--	--	--
RWD 06-3	S1003		4/27/83	KDHE	--	--	--
RWD 06-3	S1003		6/9/83	KDHE	--	--	--
RWD 06-3	S1003		9/6/83	KDHE	--	--	--
RWD 06-3	S1003		11/21/83	KDHE	--	--	--
RWD 06-3	S1001		7/30/85	GLM	--	--	--

-Table 2. (Continued)

HACKNEY SIDENCES =====	STATE ID =====	DATE =====	SAMPLED BY =====	CHLORODI BROMOMETHANE =====	CIS 1,3-DI CHLOROPROPENE =====	1,1,2-TRI CHLOROETHANE =====	BROMOFORM =====	1,1,2,2-TETRA CHLOROETHANE =====	TETRA PACHLOP ETHYLENE =====
H-14	21010	6/1/83	KDHE	--	--	--	--	--	--
H-14	21010	6/28/83	KDHE	--	--	--	--	--	--
H-14	21010	11/21/83	KDHE	--	--	--	--	--	--
H-14	21010	12/22/83	KDHE	--	--	--	--	--	--
H-14	21010	1/23/84	KDHE	--	--	--	--	--	--
H-14	21010	2/20/84	KDHE	--	--	--	--	--	--
H-14	21010	7/30/85	GLN	--	--	--	--	--	--
H-15	-	7/30/85	GLN	--	--	--	--	--	--
FALK	21003	6/1/83	KDHE	--	--	--	--	--	--
FALK	21003	10/18/83	KDHE	--	--	--	--	--	--
FIELD SPRAYER	12050	10/25/83	KDHE	.5	--	--	--	--	--

Table 2. (Continued)

WACKNEY RESIDENCES *****	STATE ID *****	DATE ****	SAMPLED BY *****	CHLORODI BROMOMETHANE *****	CIS 1,3-DI CHLOROPROPENE *****	1,1,2-TRI CHLOROETHANE *****	BROMOFORM *****	1,1,2,2-TETRA CHLOROETHANE *****	TETRACHLORO ETHYLENE *****
H-1	21001	6/9/83	KDHE	--	--	--	--	--	--
H-1	21001	8/2/85	G&M	--	--	--	--	--	--
H-2	21005	6/9/83	KDHE	--	--	.6	--	--	1.7
H-2	21005	10/17/83	KDHE	--	--	1.5	--	.4	4.4
H-2	21005	1/24/84	KDHE	--	--	.6	--	--	2.6
H-2	21005	7/30/85	G&M	--	--	--	--	--	5
H-3	21006	6/9/83	KDHE	--	--	--	--	--	--
H-3	21006	10/17/83	KDHE	--	--	--	--	--	--
H-3	21006	1/24/84	KDHE	--	--	.4	--	--	1.4
H-3	21006	7/30/85	G&M	--	--	--	--	--	5
H-4	21009	6/9/83	KDHE	--	--	--	--	--	--
H-4	21009	7/30/85	G&M	--	--	--	--	--	--
H-5	21013	6/9/83	KDHE	--	--	--	--	--	--
H-5	21013	6/28/83	KDHE	--	--	--	--	--	--
H-5	21013	7/18/83	KDHE	--	--	--	--	--	--
H-5	21013	10/17/83	KDHE	--	--	--	--	--	--
H-5	21013	1/24/84	KDHE	--	--	--	--	--	--
H-5	21013	7/30/85	G&M	--	--	--	--	--	--
H-6	21015	6/28/83	KDHE	--	--	--	--	--	--
H-6	21015	7/30/85	G&M	--	--	--	--	--	--
H-7	21017	6/1/83	KDHE	--	--	--	--	--	--
H-7	21017	10/17/83	KDHE	--	--	--	--	--	--
H-7	21017	7/30/85	G&M	--	--	--	--	--	--
H-8	21018	6/9/83	KDHE	--	--	--	--	--	--
H-8	21018	12/22/83	KDHE	--	--	--	--	--	--
H-8	21018	7/30/85	G&M	--	--	--	--	--	--
H-9	21019	6/1/83	KDHE	--	--	--	--	--	.6
H-9	21019	6/9/83	KDHE	--	--	--	--	--	.4
H-9	21019	10/17/83	KDHE	--	--	--	--	--	--
H-9	21019	1/23/84	KDHE	--	--	--	--	--	--
H-9	21019	7/30/85	G&M	--	--	--	--	--	--
H-10	21020	6/1/83	KDHE	--	--	--	--	--	--
H-10	21020	10/17/83	KDHE	--	--	--	--	--	--
H-10	21020	1/23/84	KDHE	--	--	--	--	--	--
H-10	21020	7/30/85	G&M	--	--	--	--	--	--
H-11	21021	6/1/83	KDHE	--	--	--	--	--	.7
H-11	21021	10/17/83	KDHE	--	--	--	--	--	.4
H-11	21021	1/23/84	KDHE	--	--	--	--	--	--
H-12	-	7/30/85	G&M	--	--	--	--	--	--
H-13	-	7/30/85	G&M	--	--	--	--	--	--

-Table 2. (Continued)

HACKNEY RESIDENCES =====	STATE ID =====	DATE =====	SAMPLED BY =====	TOLUENE =====	CHLORO BENZENE =====	ETHYL BENZENE =====
H-1	21001	6/9/83	KDHE	--	--	--
H-1	21001	8/2/85	G&M	--	--	--
H-2	21005	6/9/83	KDHE	--	--	--
H-2	21005	10/17/83	KDHE	--	--	--
H-2	21005	1/24/84	KDHE	--	--	--
H-2	21005	7/30/85	G&M	--	--	--
H-3	21006	6/9/83	KDHE	--	--	--
H-3	21006	10/17/83	KDHE	--	--	--
H-3	21006	1/24/84	KDHE	--	--	--
H-3	21006	7/30/85	G&M	--	--	--
H-4	21009	6/9/83	KDHE	--	--	--
H-4	21009	7/30/85	G&M	--	--	--
H-5	21013	6/9/83	KDHE	--	--	--
H-5	21013	6/28/83	KDHE	--	--	--
H-5	21013	7/18/83	KDHE	--	--	--
H-5	21013	10/17/83	KDHE	--	--	--
H-5	21013	1/24/84	KDHE	--	--	--
H-5	21013	7/30/85	G&M	--	--	--
H-6	21015	6/28/83	KDHE	--	--	--
H-6	21015	7/30/85	G&M	--	--	--
H-7	21017	6/1/83	KDHE	--	--	--
H-7	21017	10/17/83	KDHE	--	--	--
H-7	21017	7/30/85	G&M	--	--	--
H-8	21018	6/9/83	KDHE	--	1	--
H-8	21018	12/22/83	KDHE	--	.9	--
H-8	21018	7/30/85	G&M	--	--	--
H-9	21019	6/1/83	KDHE	--	--	--
H-9	21019	6/9/83	KDHE	--	--	--
H-9	21019	10/17/83	KDHE	--	--	--
H-9	21019	1/23/84	KDHE	--	--	--
H-9	21019	7/30/85	G&M	--	--	--
H-10	21020	6/1/83	KDHE	--	.9	--
H-10	21020	10/17/83	KDHE	--	.6	--
H-10	21020	1/23/84	KDHE	--	1.1	--
H-10	21020	7/30/85	G&M	--	--	--
H-11	21021	6/1/83	KDHE	--	.8	--
H-11	21021	10/17/83	KDHE	.9	1	--
H-11	21021	1/23/84	KDHE	--	1.7	--
H-12	-	7/30/85	G&M	--	--	--
H-13	-	7/30/85	G&M	--	--	--

Table 2. (Continued)

HACKNEY RESIDENCES *****	STATE ID *****	DATE ****	SAMPLED BY *****	TOLUENE *****	CHLORO BENZENE *****	ETHYL BENZENE *****
H-14	21010	6/1/83	KDHE	--	--	--
H-14	21010	6/28/83	KDHE	--	--	--
H-14	21010	11/21/83	KDHE	--	--	--
H-14	21010	12/22/83	KDHE	.4	--	1.1
H-14	21010	1/23/84	KDHE	--	--	--
H-14	21010	2/20/84	KDHE	--	--	--
H-14	21010	7/30/85	GLM	--	--	--
H-15	-	7/30/85	GLM	--	--	--
FALK	21003	6/1/83	KDHE	--	--	--
FALK	21003	10/18/83	KDHE	--	--	--
FIELD SPRAYER	12050	10/25/83	KDHE	--	--	--

Explanation:

H-1 - Jack Grant	H-6 - J.S. Bass	H-11 - Bill Plunkett
H-2 - Lee Johnson - North	H-7 - Bob Campbell	H-12 - Winton Long
H-3 - Lee Johnson - Central	H-8 - Carolyn Woods	H-13 - Co-op/parking lot well
-4 - Mona Martin	H-9 - John Kelly, Jr.	H-14 - Co-op/new (supply)
H-5 - Lee Johnson - South	H-10 - David Kelly	H-15 - George Jordan -

* = QA/QC replicate sample.

-- = non detectable

NA = Not Analyzed.

- = not available

Table 2. (Continued)

WACKNEY SITES	STATE ID	DATE	SAMPLED BY	TOTAL VOLATILE ORGANICS	METHYL CHLORIDE	METHYL BROMIDE	VINYL CHLORIDE	CHLORO ETHANE	METHYLENE CHLORIDE
*****	*****	****	*****	*****	*****	*****	*****	*****	*****
H-1	21001	6/9/83	KDHE	--	--	--	--	--	--
H-1	21001	8/2/85	G&M	--	--	--	--	--	--
H-2	21005	6/9/83	KDHE	4.4	--	--	--	--	1.2
H-2	21005	10/17/83	KDHE	9.8	--	--	--	--	--
H-2	21005	1/24/84	KDHE	4.3	--	--	--	--	--
H-2	21005	7/30/85	G&M	3	--	--	--	--	--
H-3	21006	6/9/83	KDHE	--	--	--	--	--	--
H-3	21006	10/17/83	KDHE	--	--	--	--	--	--
H-3	21006	1/24/84	KDHE	2.7	--	--	--	--	--
H-3	21006	7/30/85	G&M	6	--	--	--	--	--
H-4	21009	6/9/83	KDHE	--	--	--	--	--	--
H-4	21009	7/30/85	G&M	--	--	--	--	--	--
H-5	21013	6/9/83	KDHE	28.3	--	--	--	--	--
H-5	21013	6/28/83	KDHE	11.2	--	--	--	--	--
H-5	21013	7/18/83	KDHE	26.6	--	--	--	--	--
H-5	21013	10/17/83	KDHE	17.5	--	--	--	--	--
H-5	21013	1/24/84	KDHE	--	--	--	--	--	--
H-5	21013	7/30/85	G&M	3	--	--	--	--	--
H-6	21015	6/29/83	KDHE	--	--	--	--	--	--
H-6	21015	7/30/85	G&M	120	--	--	--	--	--
H-7	21017	6/1/83	KDHE	1.7	--	--	--	--	--
H-7	21017	10/17/83	KDHE	2.8	--	--	--	--	--
H-7	21017	7/30/85	G&M	--	--	--	--	--	--
H-8	21018	6/9/83	KDHE	14	--	--	--	--	--
H-8	21018	12/22/83	KDHE	13.6	--	--	--	--	--
H-8	21018	7/30/85	G&M	--	--	--	--	--	--
H-9	21019	6/1/83	KDHE	4	--	--	--	--	--
H-9	21019	6/9/83	KDHE	4.3	--	--	--	--	--
H-9	21019	10/17/83	KDHE	4.1	--	--	--	--	--
H-9	21019	1/23/84	KDHE	2.5	--	--	--	--	--
H-9	21019	7/30/85	G&M	--	--	--	--	--	--
H-10	21020	6/1/83	KDHE	11.1	--	--	--	--	--
H-10	21020	10/17/83	KDHE	9.3	--	--	--	--	--
H-10	21020	1/23/84	KDHE	15.3	--	--	--	--	--
H-10	21020	7/30/85	G&M	--	--	--	--	--	--
H-11	21021	6/1/83	KDHE	12.9	--	--	--	--	--
H-11	21021	10/17/83	KDHE	14.2	--	--	--	--	--
H-11	21021	1/23/84	KDHE	9.8	--	--	--	--	--
H-12	-	7/30/85	G&M	3	--	--	--	--	--
H-12	-	7/30/85	G&M	53	--	--	--	--	--

- Table 2. (Continued)

HACKNEY RESIDENCES =====	STATE ID =====	DATE =====	SAMPLED BY =====	TOTAL VOLATILE ORGANICS =====	METHYL CHLORIDE =====	METHYL BROMIDE =====	VINYL CHLORIDE =====	CHLORO ETHANE =====	METHYLENE CHLORIDE =====
H-14	21010	6/1/83	KDHE	--	--	--	--	--	--
H-14	21010	6/28/83	KDHE	.6	--	--	--	--	--
H-14	21010	11/21/83	KDHE	--	--	--	--	--	--
H-14	21010	12/22/83	KDHE	1.5	--	--	--	--	--
H-14	21010	1/23/84	KDHE	--	--	--	--	--	--
H-14	21010	2/20/84	KDHE	--	--	--	--	--	--
H-14	21010	7/30/85	GLM	3	--	--	--	--	--
H-15	-	7/30/85	GLM	5	--	--	--	--	--
FALK	21003	6/1/83	KDHE	--	--	--	--	--	--
FALK	21003	10/18/83	KDHE	--	--	--	--	--	--
FIELD SPRAYER	12050	10/25/83	KDHE	1	--	--	--	--	--

Table 2. (Continued)

HACKNEY RESIDENCES =====	STATE ID =====	DATE =====	SAMPLED BY =====	1,1-DICHLORO ETHYLENE =====	1,1-DICHLORO- ETHANE =====	TRANS-1,2-DI CHLOROETHYLENE =====	CHLORO FORM =====	1,2-DICHLORO ETHANE =====	1,1,1-TRI- CHLOROETHANE =====
H-1	21001	6/9/83	KDHE	--	--	--	--	--	--
H-1	21001	9/2/85	S&M	--	--	--	--	--	--
H-2	21005	6/9/83	KDHE	--	--	--	--	--	--
H-2	21005	10/17/83	KDHE	--	--	--	--	--	--
H-2	21005	1/24/84	KDHE	--	--	--	--	--	--
H-2	21005	7/30/85	S&M	--	--	--	--	--	--
H-3	21006	6/9/83	KDHE	--	--	--	--	--	--
H-3	21006	10/17/83	KDHE	--	--	--	--	--	--
H-3	21006	1/24/84	KDHE	--	--	--	--	--	--
H-3	21006	7/30/85	S&M	--	--	--	--	--	--
H-4	21009	6/9/83	KDHE	--	--	--	--	--	--
H-4	21009	7/30/85	S&M	--	--	--	--	--	--
H-5	21013	6/9/83	KDHE	--	--	--	--	--	--
H-5	21013	6/28/83	KDHE	--	--	--	--	--	--
H-5	21013	7/18/83	KDHE	--	--	--	--	--	--
H-5	21013	10/17/83	KDHE	--	--	--	--	--	--
H-5	21013	1/24/84	KDHE	--	--	--	.6	.7	--
H-5	21013	7/30/85	S&M	--	--	--	3	--	--
H-6	21015	6/28/83	KDHE	--	--	--	--	--	--
H-6	21015	7/30/85	S&M	--	--	--	--	--	--
H-7	21017	6/1/83	KDHE	--	--	1.7	--	--	--
H-7	21017	10/17/83	KDHE	--	--	2.3	--	--	--
H-7	21017	7/30/85	S&M	--	--	--	--	--	--
H-8	21019	6/9/83	KDHE	--	--	11.4	--	--	--
H-8	21019	12/22/83	KDHE	--	--	11.1	--	--	--
H-8	21019	7/30/85	S&M	--	--	--	--	--	--
H-9	21019	6/1/83	KDHE	--	--	3	--	--	--
H-9	21019	6/9/83	KDHE	--	--	3	--	--	--
H-9	21019	10/17/83	KDHE	--	--	3.2	--	--	--
H-9	21019	1/23/84	KDHE	--	--	2	--	--	--
H-9	21019	7/30/85	S&M	--	--	--	--	--	--
H-10	21020	6/1/83	KDHE	--	--	6.6	--	--	--
H-10	21020	10/17/83	KDHE	--	--	6.1	--	--	--
H-10	21020	1/23/84	KDHE	--	--	9	--	--	--
H-10	21020	7/30/85	S&M	--	--	--	--	--	--
H-11	21021	6/1/83	KDHE	--	--	1.2	--	--	--
H-11	21021	10/17/83	KDHE	--	--	1.5	--	--	--
H-11	21021	1/23/84	KDHE	--	--	2.6	--	.4	--
H-12	-	7/30/85	S&M	--	--	--	--	--	--
H-13	-	7/30/85	S&M	--	--	--	--	--	--

Table 2. (Continued)

HACKNEY RESIDENCES =====	STATE ID =====	DATE =====	SAMPLED BY =====	1,1-DICHLORO ETHYLENE =====	1,1-DICHLORO ETHANE =====	TRANS-1,2-DI CHLOROETHYLENE =====	CHLORO FORM =====	1,2-DICHLORO ETHANE =====	1,1,1-TRI CHLOROETHANE =====
H-14	21010	6/1/83	KDHE	--	--	--	--	--	--
H-14	21010	6/28/83	KDHE	--	--	--	--	--	--
H-14	21010	11/21/83	KDHE	--	--	--	--	.5	--
H-14	21010	12/22/83	KDHE	--	--	--	--	--	--
H-14	21010	1/23/84	KDHE	--	--	--	--	--	--
H-14	21010	2/20/84	KDHE	--	--	--	--	--	--
H-14	21010	7/30/85	SLM	--	--	--	3	--	--
H-15	-	7/30/85	SLM	--	--	--	--	--	--
FALK	21003	6/1/83	KDHE	--	--	--	--	--	--
FALK	21003	10/18/83	KDHE	--	--	--	--	--	--
FIELD SPRAYER	12050	10/25/83	KDHE	--	--	--	.5	--	--

Table 2. (Continued)

HACKNEY SIDENCES =====	STATE ID =====	DATE =====	SAMPLED BY =====	CARBON TETRA CHLORIDE =====	DICHLORO BROMOMETHANE =====	1,2-DICHLORO PROPANE =====	TRANS 1,3-DI CHLOROPROPENE =====	TRICHLORO ETHYLENE =====	BENZENE =====
H-1	21001	6/9/83	KDHE	--	--	--	--	--	--
H-1	21001	8/2/85	G&M	--	--	--	--	--	--
H-2	21005	6/9/83	KDHE	--	--	--	--	.9	--
H-2	21005	10/17/83	KDHE	--	--	--	--	2.5	--
H-2	21005	1/24/84	KDHE	--	--	--	--	1.1	--
H-2	21005	7/30/85	G&M	--	--	--	--	--	--
H-3	21006	6/9/83	KDHE	--	--	--	--	--	--
H-3	21006	10/17/83	KDHE	--	--	--	--	--	--
H-3	21006	1/24/84	KDHE	--	--	--	--	.9	--
H-3	21006	7/30/85	G&M	--	--	--	--	1	--
H-4	21009	6/9/83	KDHE	--	--	--	--	--	--
H-4	21009	7/30/85	G&M	--	--	--	--	--	--
H-5	21013	6/9/83	KDHE	28.3	--	--	--	--	--
H-5	21013	6/28/83	KDHE	11.2	--	--	--	--	--
H-5	21013	7/18/83	KDHE	26.6	--	--	--	--	--
H-5	21013	10/17/83	KDHE	16.2	--	--	--	--	--
H-5	21013	1/24/84	KDHE	--	--	--	--	--	--
H-5	21013	7/30/85	G&M	--	--	--	--	--	--
H-6	21015	6/28/83	KDHE	--	--	--	--	--	--
H-6	21015	7/30/85	G&M	120	--	--	--	--	--
H-7	21017	6/1/83	KDHE	--	--	--	--	--	--
H-7	21017	10/17/83	KDHE	--	--	--	--	.5	--
H-7	21017	7/30/85	G&M	--	--	--	--	--	--
H-8	21018	6/9/83	KDHE	--	--	--	--	1.6	--
H-8	21018	12/22/83	KDHE	--	--	--	--	1.6	--
H-8	21018	7/30/85	G&M	--	--	--	--	--	--
H-9	21019	6/1/83	KDHE	--	--	--	--	.4	--
H-9	21019	6/9/83	KDHE	--	--	--	--	.9	--
H-9	21019	10/17/83	KDHE	--	--	--	--	.9	--
H-9	21019	1/23/84	KDHE	--	--	--	--	.5	--
H-9	21019	7/30/85	G&M	--	--	--	--	--	--
H-10	21020	6/1/83	KDHE	--	--	--	--	3.6	--
H-10	21020	10/17/83	KDHE	--	--	--	--	2.6	--
H-10	21020	1/23/84	KDHE	--	--	--	--	2.3	--
H-10	21020	7/30/85	G&M	--	--	--	--	--	--
H-11	21021	6/1/83	KDHE	--	--	--	--	10.2	--
H-11	21021	10/17/83	KDHE	--	--	--	--	9.8	.6
H-11	21021	1/23/84	KDHE	--	--	--	--	5.1	--
H-12	-	7/30/85	G&M	--	--	--	--	--	--
H-13	-	7/30/85	G&M	53	--	--	--	--	--

Table 2. (Continued)

HACKNEY SIDENCES =====	STATE ID =====	DATE =====	SAMPLED BY =====	CARBON TETRA CHLORIDE =====	DICHLORO BROMOMETHANE =====	1,2-DICHLORO PROPANE =====	TRANS 1,3-DI CHLOROPROPENE =====	TRICHLORO ETHYLENE =====	BENZENE =====
H-14	21010	6/1/83	KDHE	--	--	--	--	--	--
H-14	21010	6/28/83	KDHE	--	--	--	--	--	--
H-14	21010	11/21/83	KDHE	--	--	--	--	--	--
H-14	21010	12/22/83	KDHE	--	--	--	--	--	--
H-14	21010	1/23/84	KDHE	--	--	--	--	--	--
H-14	21010	2/20/84	KDHE	--	--	--	--	--	--
H-14	21010	7/30/85	GLM	--	--	--	--	--	--
H-15	-	7/30/85	GLM	--	--	--	--	5	--
FALK	21003	6/1/83	KDHE	--	--	--	--	--	--
FALK	21003	10/18/83	KDHE	--	--	--	--	--	--
FIELD SPRAYER	12050	10/25/83	KDHE	--	--	--	--	--	--

Statistics for Wells at Strother Field

CMW Wells:

CMW1A
CMW1B
CMW2
CMW3A
CMW3B
CMW4
CMW5
CMW6
CMW7
CMW8A
CMW8B
CMW9
CMW10
CMW11A
CMW11B
CMW12
CMW13
CMW14

GGP Wells:

GGP-1
GGP-2
GGP-3

REM-1 Well

MW Wells:

MW1
MW1A
MW2
MW2A
MW3
MW3A
MW4
MW4A
MW4B
MW5
MW5A
MW6
MW6A

MW Wells (cont.):

MW7
MW7A
MW8
MW8A
MW9
MW9A
MW9B
MW10A
MW11A
MW11B

SFW Wells:

SFW1
SFW2
SFW3
SFW4
SFW5
SFW7
SFW8
SFW9
SFW10
SFW11
SFW12
SFW13

RWD Wells:

RWD1
RWD2
FWD3

Residential Wells:

CO-OP
JORD-HOUSE
JORD-HYDRANT

DM Wells:

DM1
DM2
DM3
DM4

DM Wells (cont.):

DM5
DM6
DM7
DM8
DM9
DM10
DM11
DM12
DM13
DM14
DM15
DM16
DM17
DM18
DM19
DM20
DM21
DM22
DM23
DM24
DM25
DM26
DM27
DM28
DM29
DM30
DM31

No statistics for GT and
RI wells due to insufficient
data.

Statistics for All Wells

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra Chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.: CMW1A										
Latest value										
09/11/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	18	18	18	18	18	18	18	18	18	18
No. of detects	0	0	0	0	0	0	0	0	0	1
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

WELL NO.: CMW1B										
Latest value										
09/11/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	18	18	18	18	18	18	18	18	18	18
No. of detects	0	1	0	0	0	0	0	0	0	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

WELL NO.: CMW2										
Latest value										
12/06/89	ND	ND	ND	ND	ND	ND	ND	ND	--	ND
No. of observ.	11	11	11	11	11	11	11	11	3	11
No. of detects	0	5	0	0	3	0	0	0	2	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	37.0	0.0	0.0	6.2	0.0	0.0	0.0	2.2	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND

WELL NO.: CMW3A										
Latest value										
12/06/89	ND	ND	ND	ND	ND	ND	ND	ND	--	ND
No. of observ.	9	9	9	9	9	9	9	9	3	9
No. of detects	0	3	0	0	0	0	0	0	0	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

WELL NO.: CMW3B										
Latest value										
12/06/89	ND	ND	ND	ND	ND	ND	ND	ND	--	ND
No. of observ.	9	9	9	9	9	9	9	9	3	9
No. of detects	0	4	0	0	0	0	0	0	0	1
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

WELL NO.: CMW4										
Latest value										
05/05/89	ND	ND	ND	ND	ND	ND	ND	ND	--	ND
No. of observ.	11	11	11	11	11	11	11	11	3	11
No. of detects	9	10	7	0	8	0	7	4	3	1
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0
Maximum	57.0	2400.0	45.0	0.0	110.0	0.0	29.0	1.5	90.0	70.0
Median	38.0	300.0	7.5	ND	27.0	ND	12.0	ND	76.0	ND

WELL NO.: CMW5										
Latest value										
09/12/91	ND	64.0	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	18	18	18	18	18	18	18	18	10	18
No. of detects	1	15	0	0	4	0	0	1	3	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	4000.0	130.0	0.0	0.0	2.1	0.0	0.0	270.0	2.1	0.0
Median	ND	49.0	ND	ND	ND	ND	ND	ND	ND	ND

FILE NO. 204W8

WELL NO. CHW?

WELL NO.: CMWBA

WELL NO.: CMW8B

WELL NO.: CMW9

WELL NO.: CMW10

WELL NO.: CMW11A

[illegible]

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[illegible]

WELL NOCCNWHZ-2

[illegible]

WELL NO.: CMW13

Latest value										
03/30/89	ND	ND	ND	ND	ND	ND	ND	ND	--	ND
No. of observ.	10	10	10	10	10	10	10	10	3	10
No. of defects	9	9	7	0	7	0	9	2	3	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0
Maximum	200.0	240.0	13.0	0.0	17.0	0.0	94.0	1.2	12.0	0.0
Median	30.5	75.0	3.1	ND	4.4	ND	21.0	ND	11.0	ND

WELL NO.: CMW14

[illegible]

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Statistics for all GGP Wells

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra Chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.:GGP-1										
Latest value										
09/13/91	ND	4500.0	ND	ND	730.0	ND	ND	ND	730.0	ND
No. of observ.	6	6	6	6	6	6	6	6	3	6
No. of detects	1	6	1	0	5	1	2	0	3	0
Minimum	0.0	3100.0	0.0	0.0	0.0	0.0	0.0	0.0	53.0	0.0
Maximum	0.0	28000.0	2.5	0.0	730.0	1.8	8300.0	0.0	730.0	0.0
Median	ND	9800.0	ND	ND	131.5	ND	ND	ND	440.0	ND
WELL NO.:GGP-2										
Latest value										
09/13/91	150.0	2700.0	1300.0	ND	740.0	ND	1300.0	ND	740.0	ND
No. of observ.	7	7	7	7	7	7	7	7	4	7
No. of detects	7	7	7	1	7	0	6	3	4	0
Minimum	150.0	2700.0	150.0	0.0	740.0	0.0	0.0	0.0	740.0	0.0
Maximum	7400.0	15000.0	6700.0	2.1	9700.0	0.0	4000.0	137.0	2300.0	0.0
Median	4040.0	6100.0	4000.0	ND	1500.0	ND	3500.0	ND	1300.0	ND
WELL NO.:GGP-3										
Latest value										
09/13/91	220.0	4400.0	600.0	ND	1200.0	ND	330.0	ND	1200.0	ND
No. of observ.	6	6	6	6	6	6	6	6	3	6
No. of detects	4	6	6	1	4	0	5	1	2	0
Minimum	0.0	560.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	430.0	5300.0	600.0	1.8	1200.0	0.0	330.0	606.0	1200.0	0.0
Median	163.0	4050.0	240.0	ND	81.0	ND	140.0	ND	41.0	ND

[illegible]

Statistics for REM1 Well

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra Chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.: REM-1										
Latest value										
10/08/91	37.0	280.0	ND	ND	170.0	ND	ND	ND	170.0	ND
No. of observ.	51	51	51	51	51	51	51	51	29	51
No. of detects	41	51	0	18	47	0	29	22	28	0
Minimum	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	1800.0	9100.0	0.0	150.0	1100.0	0.0	480.0	200.0	1100.0	0.0
Median	60.0	440.0	ND	ND	200.0	ND	11.0	14.0	190.0	ND

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Statistics for all MW Wells

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.: MW1										
Latest value										
09/12/91	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
No. of observ.	19	19	19	19	19	19	19	19	19	19
No. of detects	0	0	0	0	0	0	0	0	0	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.: MW1A										
Latest value										
09/11/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	17	17	17	17	17	17	17	17	17	17
No. of detects	0	0	1	0	0	0	0	0	0	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.: MW2										
Latest value										
09/10/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	21	21	21	21	21	21	21	21	21	21
No. of detects	1	3	0	2	0	0	0	0	0	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	4.0	4.0	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.: MW2A										
Latest value										
09/11/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	16	16	16	16	16	16	16	16	16	16
No. of detects	0	0	0	0	1	0	0	0	1	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	0.0	0.0	0.0	85.0	0.0	0.0	0.0	85.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.: MW3										
Latest value										
09/10/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	23	23	23	23	23	23	23	23	23	23
No. of detects	0	1	0	0	0	0	0	0	0	1
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.: MW3A										
Latest value										
09/11/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	16	16	16	16	16	16	16	16	16	16
No. of detects	4	14	2	0	14	0	4	2	8	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	9.7	140.0	11.0	0.0	290.0	0.0	8.0	1.8	290.0	0.0
Median	ND	12.0	ND	ND	79.0	ND	ND	ND	165.0	ND
WELL NO.: MW4										
Latest value										
09/13/91	170.0	110.0	ND	ND	ND	ND	1100.0	ND	ND	ND
No. of observ.	21	21	21	21	21	21	21	21	10	21
No. of detects	0	0	0	3	8	0	19	7	3	2
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	0.0	0.0	15.2	110.0	0.0	2500.0	10.0	80.0	27.0
Median	ND	ND	ND	ND	ND	ND	88.0	ND	ND	ND

SECRET

WELL NO.: MW4BWELL NO.: MW5WELL NO. MW5AWELL NO. MW6

WELL NO. MW6A

WELL NO. MW7[illegible]

Statistics for all MW Wells

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra Chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.:MW7A										
Latest value										
09/11/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	18	18	18	18	18	18	18	18	10	18
No. of detects	1	4	0	0	0	0	0	0	0	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.:MW8										
Latest value										
09/12/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	18	18	18	18	18	18	18	18	10	18
No. of detects	1	2	0	0	1	0	0	0	1	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	1.1	120.0	0.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.:MW8A										
Latest value										
12/06/89	ND	ND	ND	ND	ND	ND	ND	ND	--	ND
No. of observ.	9	9	9	9	9	9	9	9	3	9
No. of detects	0	4	0	0	1	0	0	0	0	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	68.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.:MW9										
Latest value										
09/12/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	15	15	15	15	15	15	15	15	10	15
No. of detects	0	0	0	0	0	0	0	0	0	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.:MW9A										
Latest value										
09/12/91	ND	600.0	ND	ND	67.0	ND	48.0	ND	67.0	ND
No. of observ.	17	17	17	17	17	17	17	17	10	17
No. of detects	4	17	0	0	16	0	4	0	10	1
Minimum	0.0	170.0	0.0	0.0	0.0	0.0	0.0	0.0	58	0.0
Maximum	6.0	610.0	0.0	0.0	67.0	0.0	48.0	0.0	67.0	9.0
Median	ND	300.0	ND	ND	12.0	ND	ND	ND	12.5	ND
WELL NO.:MW9B										
Latest value										
09/12/91	ND	2500.0	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	17	17	17	17	17	17	17	17	10	17
No. of detects	3	16	1	0	14	0	1	0	8	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	330.0	6600.0	1.2	0.0	230.0	0.0	1.6	0.0	230.0	0.0
Median	ND	2350.0	ND	ND	73.0	ND	ND	ND	98.5	ND
WELL NO.:MW10A										
Latest value										
09/12/91	ND	230.0	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	5	5	5	5	5	5	5	5	5	5
No. of detects	0	5	4	1	4	0	3	0	4	0
Minimum	0.0	230.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	4300.0	180.0	14.0	880.0	0.0	36.0	0.0	860.0	0.0
Median	ND	860.0	34.0	ND	440.0	ND	3.6	ND	440.0	ND

Statistics for all MW Wells

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra Chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.: MW11A										
Latest value										
06/06/89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	7	7	7	7	7	7	7	7	7	7
No. of detects	0	1	0	0	2	0	1	0	1	1
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	1.4	0.0	0.0	2.5	0.0	2.5	0.0	1.5	34.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.: MW11B										
Latest value										
06/06/89	ND	ND	ND	ND	ND	ND	7.0	25.0	--	ND
No. of observ.	7	7	7	7	7	7	7	7	3	7
No. of detects	5	3	0	0	4	0	7	7	2	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	5.7	12.0	0.0	0.0
Maximum	9.1	4.7	0.0	0.0	6.8	0.0	8.1	40.0	6.8	0.0
Median	3.3	ND	ND	ND	1.0	ND	6.1	19.0	3.0	ND

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Statistics for all SFW Wells

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra Chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.:SFW1										
Latest value										
09/10/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ.	22	22	22	22	22	22	22	22	7	22
No. of detects	5	8	0	0	8	0	4	5	0	1
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	8.0	594.0	0.0	0.0	147.0	0.0	3.7	4.9	0.0	0.6
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.:SFW2										
Latest value										
10/08/91	28.0	170.0	ND	ND	44.0	ND	ND	ND	44.0	ND
No. of observ.	58	58	58	58	58	58	58	58	27	58
No. of detects	38	58	0	5	54	0	27	15	24	0
Minimum	0.0	95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	34.0	1150.0	0.0	2.5	360.0	0.0	50.0	33.0	360.0	0.0
Median	9.5	255.0	ND	ND	79.0	ND	ND	ND	50.0	ND
WELL NO.:SFW3										
Latest value										
09/06/89	ND	280.0	ND	ND	21.0	ND	ND	ND	ND	ND
No. of observ.	16	16	16	16	28	16	16	16	15	16
No. of detects	10	13	9	0	15	1	10	2	3	1
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	390.0	1260.0	112.0	0.0	222.0	3.1	88.0	28.0	5.8	1.3
Median	4.5	31.5	0.7	ND	0.4	ND	3.6	ND	ND	ND
WELL NO.:SFW4										
Latest value										
08/01/85	120.0	1100.0	80.0	ND	250.0	ND	150.0	ND	--	ND
No. of observ.	9	9	9	9	9	9	9	9	0	9
No. of detects	9	9	9	1	9	5	9	6	0	2
Minimum	4.3	130.0	2.4	0.0	17.0	0.0	1.8	0.0	--	0.0
Maximum	171.0	1500.0	107.0	2.5	250.0	1.2	231.0	7.3	--	1.1
Median	110.0	902.0	14.2	ND	30.3	0.4	68.9	3.5	--	ND
WELL NO.:SFW5										
Latest value										
09/06/89	3000.0	500.0	ND	ND	50.0	ND	820.0	ND	--	ND
No. of observ.	7	7	7	7	7	7	7	7	0	7
No. of detects	7	6	4	0	6	1	5	2	--	0
Minimum	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	0.0
Maximum	3000.0	1500.0	87.0	0.0	350.0	1.8	820.0	5.1	--	0.0
Median	140.0	780.0	1.8	ND	48.0	ND	46.0	ND	--	ND
WELL NO.:SFW7										
Latest value										
09/08/89	ND	11.0	ND	ND	78.0	ND	11.0	ND	--	ND
No. of observ.	10	10	10	10	10	10	10	10	0	10
No. of detects	6	9	1	1	5	0	3	0	--	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	0.0
Maximum	100.0	740.0	66.0	1.0	200.0	0.0	64.0	0.0	--	0.0
Median	0.5	4.1	ND	ND	0.3	ND	ND	ND	--	ND
WELL NO.:SFW8										
Latest value										
10/08/91	140.0	720.0	45.0	ND	140.0	ND	110.0	ND	140.0	ND
No. of observ.	53	53	53	53	53	53	53	53	28	53
No. of detects	45	53	48	2	53	1	46	23	28	1
Minimum	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	88.0	0.0
Maximum	45.0	431.0	461.0	1.4	899.0	0.4	259.0	8.0	690.0	19.8
Median	120.0	658.0	47.0	ND	170.0	ND	59.0	ND	150.0	ND

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Statistics for all SFW Wells

	1,2 Dichloro ethane	Chloro form	Bromo form	Benzene	Chloro dibromo methane	1,1,2 Trichloro ethane	Chloro benzene	Toluene	Xylene	Chloro ethane	Ethyl benzene
WELL NO.: SFW1											
Latest value											
09/10/91											
No. of observ.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of detects	22	22	22	22	22	22	22	22	22	22	22
Minimum	1	1	1	0	1	0	0	0	0	0	0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	0.9	6.0	11.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0
WELL NO.: SFW2											
Latest value											
10/08/91											
No. of observ.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of detects	58	58	58	58	58	58	58	58	58	58	58
Minimum	1	0	1	0	0	0	0	0	0	0	0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	53.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WELL NO.: SFW3											
Latest value											
09/06/89											
No. of observ.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of detects	16	16	16	16	16	16	16	16	16	16	16
Minimum	1	3	5	1	4	0	0	1	0	0	0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	1.2	61.7	24.0	0.4	9.0	0.0	0.0	0.5	0.0	0.0	0.0
WELL NO.: SFW4											
Latest value											
08/01/85											
No. of observ.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of detects	9	9	9	9	9	9	9	9	9	9	9
Minimum	7	7	4	0	3	1	0	0	0	0	0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	0.9	13.9	30.0	0.0	2.0	0.5	0.0	0.0	0.0	0.0	0.0
WELL NO.: SFW5											
Latest value											
09/06/89											
No. of observ.	ND	20.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of detects	7	7	7	7	7	7	7	7	7	7	7
Minimum	1	3	2	0	1	0	0	0	0	0	0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	1.8	44.0	26.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
WELL NO.: SFW7											
Latest value											
09/08/89											
No. of observ.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of detects	10	10	10	10	10	10	10	10	10	10	10
Minimum	0	0	2	0	3	1	0	0	0	0	0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	0.0	0.0	22.0	0.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0
WELL NO.: SFW8											
Latest value											
10/08/91											
No. of observ.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of detects	53	53	53	53	53	53	53	53	53	53	53
Minimum	5	10	3	3	2	3	1	0	0	0	0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	5.1	64.0	12.5	0.9	12.6	2.1	1.0	0.0	0.0	0.0	0.0

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Statistics for all DM Wells

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.:DM-1										
Latest value										
09/13/91	8000.0	660.0	ND	ND	910.0	ND	4700.0	ND	910.0	ND
No. of observ	20	20	20	20	20	20	20	20	10	20
No. of detects	20	18	2	0	7	0	18	12	7	2
Minimum	48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	130000.0	4800.0	0.9	0.0	5680.0	0.0	22000.0	4400.0	1600.0	19.0
Median	9500.0	430.0	ND	ND	482.5	ND	3000.0	18.0	595.0	ND
WELL NO.:DM-2										
Latest value										
12/05/89	ND	71.0	ND	ND	53.0	ND	ND	ND	--	ND
No. of observ	10	10	10	10	10	10	10	10	3	10
No. of detects	8	10	4	0	9	0	7	5	3	1
Minimum	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	780.0	527.0	8.1	0.0	180.0	0.0	150.0	7.0	180.0	0.8
Median	175.1	155.0	ND	ND	58.3	ND	73.4	2.3	79.0	ND
WELL NO.:DM-3										
Latest value										
12/05/89	700.0	380.0	ND	ND	220.0	ND	430.0	15.0	--	ND
No. of observ	10	10	10	10	10	10	10	10	3	10
No. of detects	10	10	5	0	10	0	10	9	3	0
Minimum	26.5	144.0	0.0	0.0	0.0	0.0	28.9	0.0	0.0	0.0
Maximum	1420.0	930.0	6.0	0.0	600.0	0.0	790.0	25.0	350.0	0.0
Median	530.0	395.0	0.8	ND	225.0	ND	200.0	12.0	230.0	ND
WELL NO.:DM-4										
Latest value										
09/13/91	ND	1400.0	ND	ND	210.0	ND	280.0	ND	210.0	ND
No. of observ	20	20	20	20	20	20	20	20	10	20
No. of detects	18	20	2	0	16	0	19	13	6	1
Minimum	0.0	52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	5100.0	4800.0	12.0	0.0	440.0	0.0	2000.0	73.0	390.0	25.0
Median	740.0	260.0	ND	ND	161.5	ND	370.0	6.0	80.0	ND
WELL NO.:DM-5										
Latest value										
09/12/91	9.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ	19	19	19	19	19	19	19	19	10	19
No. of detects	16	10	0	0	6	0	13	6	1	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	24000.0	120.0	0.0	0.0	170.0	0.0	630.0	2100.0	12.0	0.0
Median	64.0	2.3	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.:DM-6										
Latest value										
09/12/91	24.0	21.0	ND	ND	ND	ND	32.0	ND	ND	ND
No. of observ	20	20	20	20	20	20	20	20	10	20
No. of detects	12	17	0	0	12	0	11	7	7	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	87.0	290.0	0.0	0.0	32.0	0.0	330.0	32.0	32.0	0.0
Median	11.0	34.0	ND	ND	9.5	ND	34.5	ND	8.5	ND
WELL NO.:DM-7										
Latest value										
09/12/91	ND	770.0	ND	ND	210.0	ND	ND	ND	210.0	ND
No. of observ	21	21	21	21	20	21	21	21	10	21
No. of detects	6	21	1	3	18	0	15	9	8	0
Minimum	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	3.8	950.0	49.0	6.8	250.0	0.0	55.0	14.0	210.0	0.0
Median	ND	500.0	ND	ND	130.0	ND	19.0	ND	125.0	ND

Statistics for all DM Wells

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.:DM-8										
Latest value										
09/12/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ	19	19	19	19	19	19	19	19	10	19
No. of detects	0	3	1	0	0	0	0	0	0	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.0	14.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.:DM-9										
Latest value										
12/04/89	ND	ND	ND	ND	ND	ND	ND	ND	--	ND
No. of observ	10	10	10	10	10	10	10	10	3	10
No. of detects	1	3	1	0	3	0	0	1	2	1
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	9.1	24.0	16.0	0.0	6.2	0.0	0.0	9.6	6.2	1.4
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.:DM-10										
Latest value										
09/11/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ	18	18	18	18	18	18	18	18	10	18
No. of detects	8	14	0	6	14	0	6	10	6	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	570.0	1100.0	0.0	110.0	7600.0	0.0	430.0	360.0	7600.0	0.0
Median	ND	140.0	ND	ND	66.0	ND	ND	5.0	7.1	ND
WELL NO.:DM-11										
Latest value										
09/05/90	ND	44.0	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ	14	14	14	14	14	14	14	14	7	14
No. of detects	5	13	0	1	13	0	3	4	6	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	220.0	920.0	0.0	6.6	1200.0	0.0	29.0	22.0	1200.0	0.0
Median	ND	14.5	ND	ND	31.0	ND	ND	ND	31.0	ND
WELL NO.:DM-12										
Latest value										
09/10/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ	20	20	20	20	20	20	20	20	10	20
No. of detects	1	3	0	0	0	0	0	0	0	0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	0.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WELL NO.:DM-13										
Latest value										
09/12/91	ND	470.0	ND	ND	ND	ND	ND	ND	ND	ND
No. of observ	20	20	20	20	20	20	20	20	10	20
No. of detects	16	20	0	7	16	0	13	9	7	0
Minimum	0.0	111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	2300.0	15000.0	0.0	140.0	2000.0	0.0	520.0	170.0	1600.0	0.0
Median	52.5	1050.0	ND	ND	250.0	ND	12.5	ND	185.0	ND
WELL NO.:DM-14										
Latest value										
09/12/91	ND	1200.0	ND	ND	380.0	ND	ND	ND	380.0	ND
No. of observ	20	20	20	20	20	20	20	20	10	20
No. of detects	14	20	1	1	16	0	9	7	8	0
Minimum	0.0	760.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	460.0	18000.0	200.0	15.0	1200.0	0.0	260.0	70.0	430.0	0.0
Median	83.5	3762.5	ND	ND	195.0	ND	ND	ND	125.0	ND

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**STROTHER FIELD SUPERFUND SITE
COWLEY COUNTY, KANSAS**

**HISTORICAL DATA COMPILATION AND
EVALUATION
SUMMARY REPORT**

Site:	<u>Strother Field</u>
ID #	<u>KSD980862726</u>
Break:	<u>6.3</u>
Other:	<u>Allied</u>
	<u>10-17-97</u>

Prepared for:

GREIF BROS. CORPORATION

Prepared by:

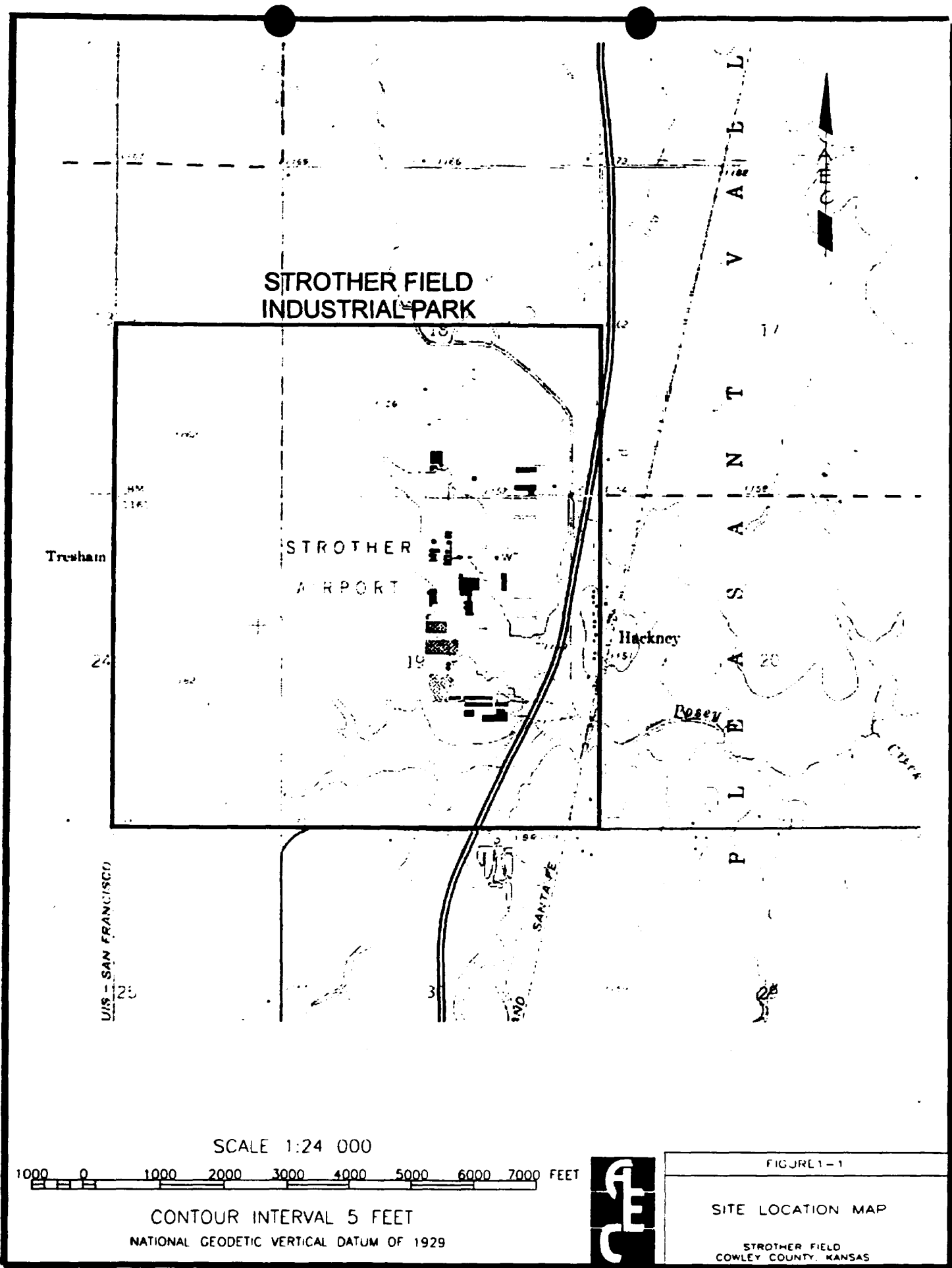
**ALLIED
ENVIRONMENTAL
CONSULTANTS, INC.**

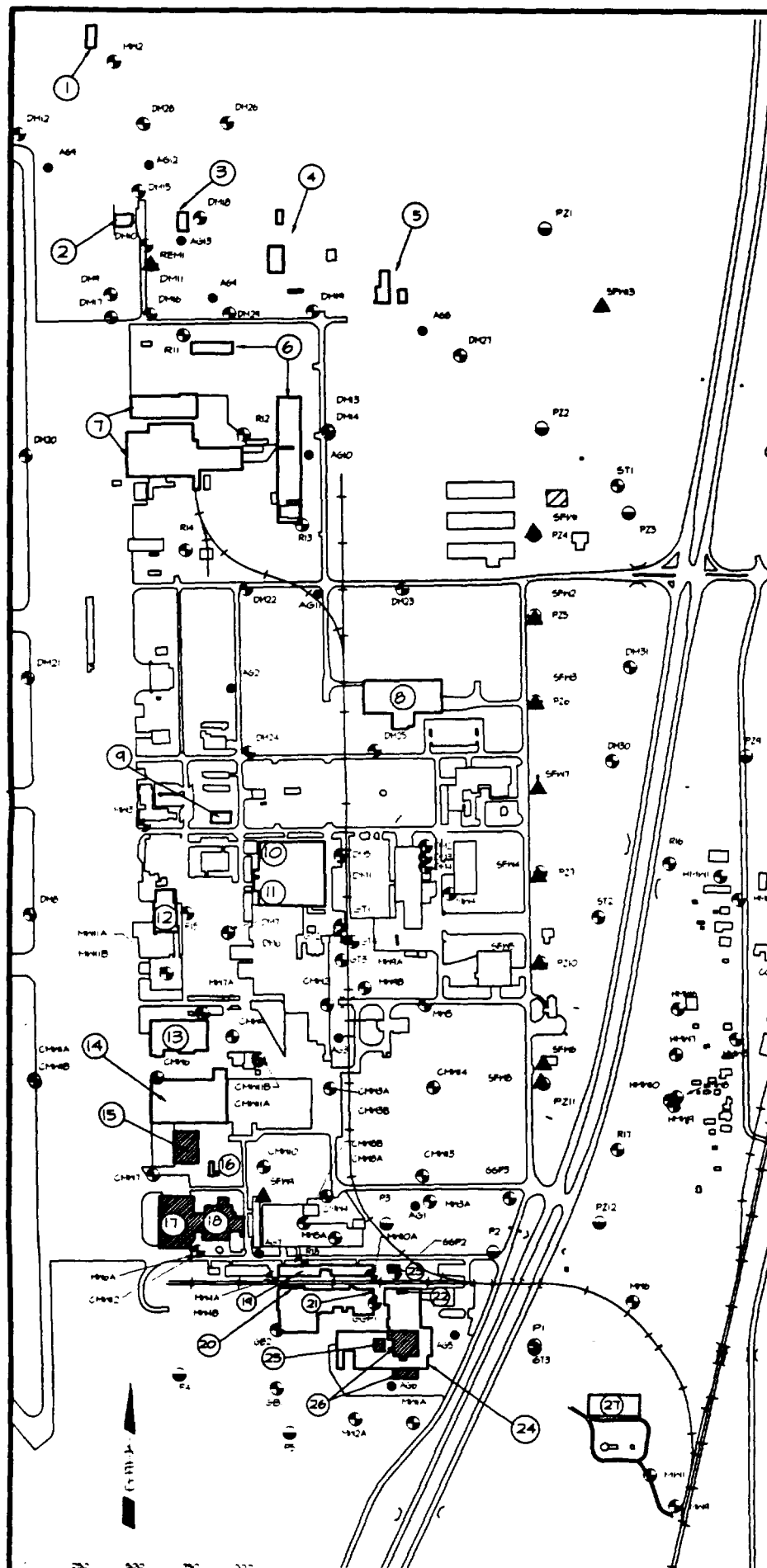
Draft

Volume II - Figures

AEC File No. 94959-1-3449

October 17, 1997





- Area 1: North Landfill (ARMY & Commission) Used by a variety of tenants and the ARMY for all types of solvents. 1942-1975.
- Area 2: GE Test Cell. late 1960's to Present
- Area 3: Alleged Phantom Dump
- Area 4: Holliston Services used chlorinated solvents 1975-Present
- Area 5: Range Oil disposed of waste stockard solvent on ground. 1971-Present
- Area 6: Strother Thermo-Flood (Smith-Moon Steel, Strother Manufacturing, Energy Plus) Chemical Storage Areas 1951 to Present. TCE and 12-DCE identified during the RI
- Area 7: Strother Thermo-Flood (Smith-Moon Steel, Strother Manufacturing, Energy Plus) 1951 to Present - Barsol D-1150 and D-2402, MEK Toluene among others. TCA, TCE, and PCE were identified during the RI
- Area 8: Montgomery Elevator 1981 to Present Toluene, Xylene, 111-TCA, PCE
- Area 9: Gordon-Platt Energy Group 1944 to 1950. Acetone, Xylene, Methylene Chloride, 111-TCA, PCE
- Area 10: GE degreaser TCA 1987 to Present. TCE, TCA and PCE identified during RI
- Area 11: GE degreaser used TCE 1966 - 1984 used TCA 1984 to 1987. TCE, TCA and PCE identified during RI
- Area 12: GE oil/water separator 1985 to 1991. GE waste tank 1960's to 1986
- Area 13: Former Cessna Facility now owned by GE. Used xylene, MEK, Toluene, 111-TCA and TCE among others. 1967-1985. General Electric 1985-Present
- Area 14: Former Cessna Facility now owned by GE. Used xylene, MEK, Toluene, 111-TCA and TCE among others. 1967-1985. General Electric 1985-Present
- Area 15: ARMY Point-O-Dope reclamation Area 1942-46 reported TCE
- Area 16: ARMY Point-O-Dope. Reported TCE use among others. 1942-1946
- Area 17: ARMY Base Engineering Maintenance and Inspection Building Reported TCE use among others. 1942-1946
- Area 18: ARMY Base Engineering Shop. Reported TCE use among others. 1942-1946
- Area 19: Montgomery Elevator 1950 to 1980. waste caustic degreaser paint sludge Toluene, Xylene, 111-TCA, PCE
- Area 20: Greil Barrel Storage Pad. Used to recycle six screen cleaner. 1983-1987
- Area 21: Greil - operated degreaser used 1968 to present. PCE used from 1968 to 1976. 111-TCA used from 1976 to 1983. TCE used 1983 to present
- Area 22: Greil - operated degreaser used TCE from 1960 - 1967
- Area 23: Current Gordon Platt Hazardous Waste Storage Building
- Area 24: Gordon-Platt Energy Group 1956 to Present - Acetone, Xylene, Methylene Chloride, 111-TCA, PCE
- Area 25: Former Location of Gordon Platt Storage Building
- Area 26: ARMY Ordnance Area. Reported TCE use among others. 1942-1946
- Area 27: South Landfill (ARMY & Commission). Used by a variety of tenants and the ARMY 1942-1975.

LEGEND

- ▲ PRODUCTION WELL
- MONITORING WELL
- TEMPORARY WELL/BORING
- PNEUMETER

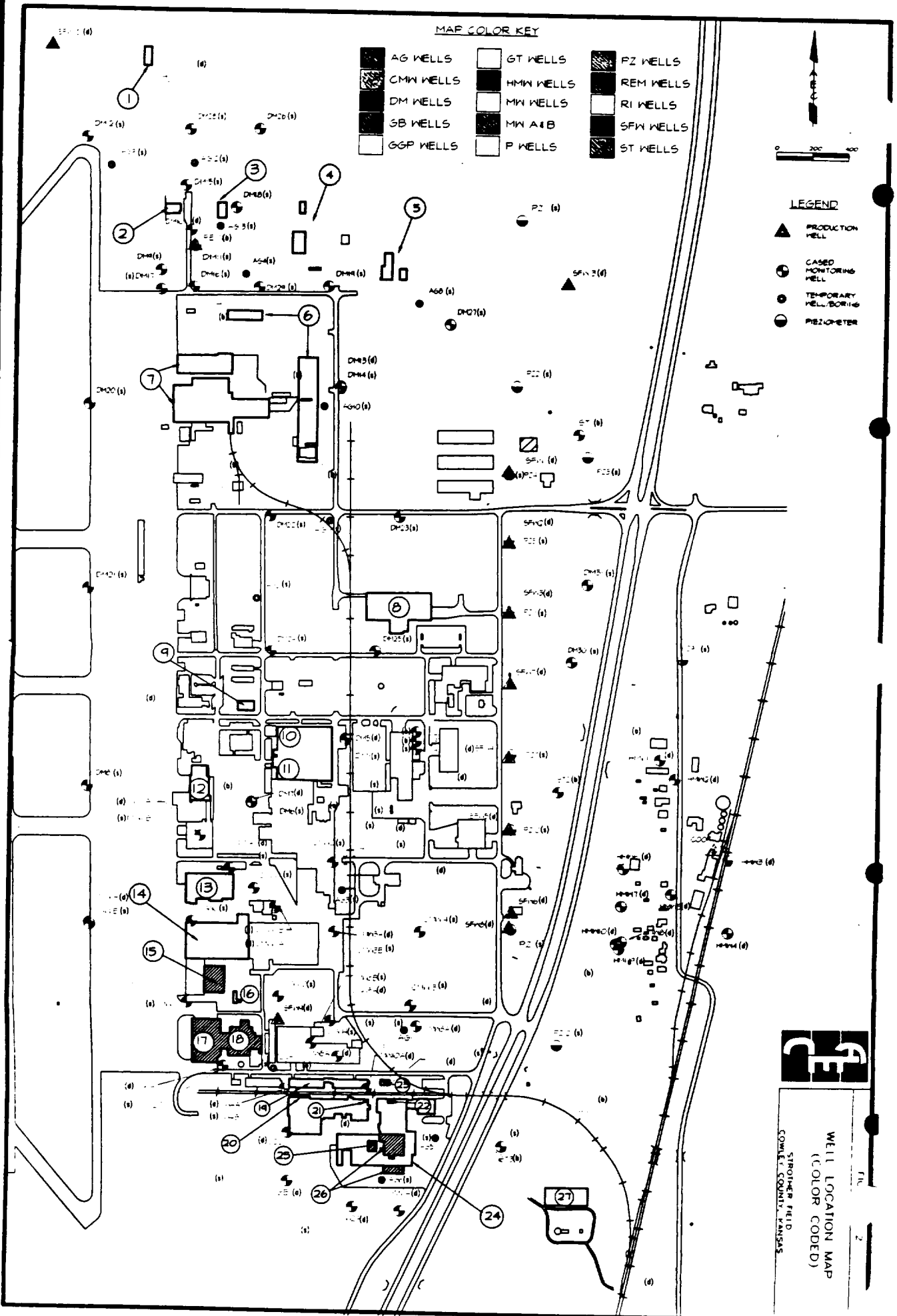


STROTHER FIELD SITE
POTENTIAL SOURCE AREAS

COMBUSTION FIELD
COMBUSTION FIELD

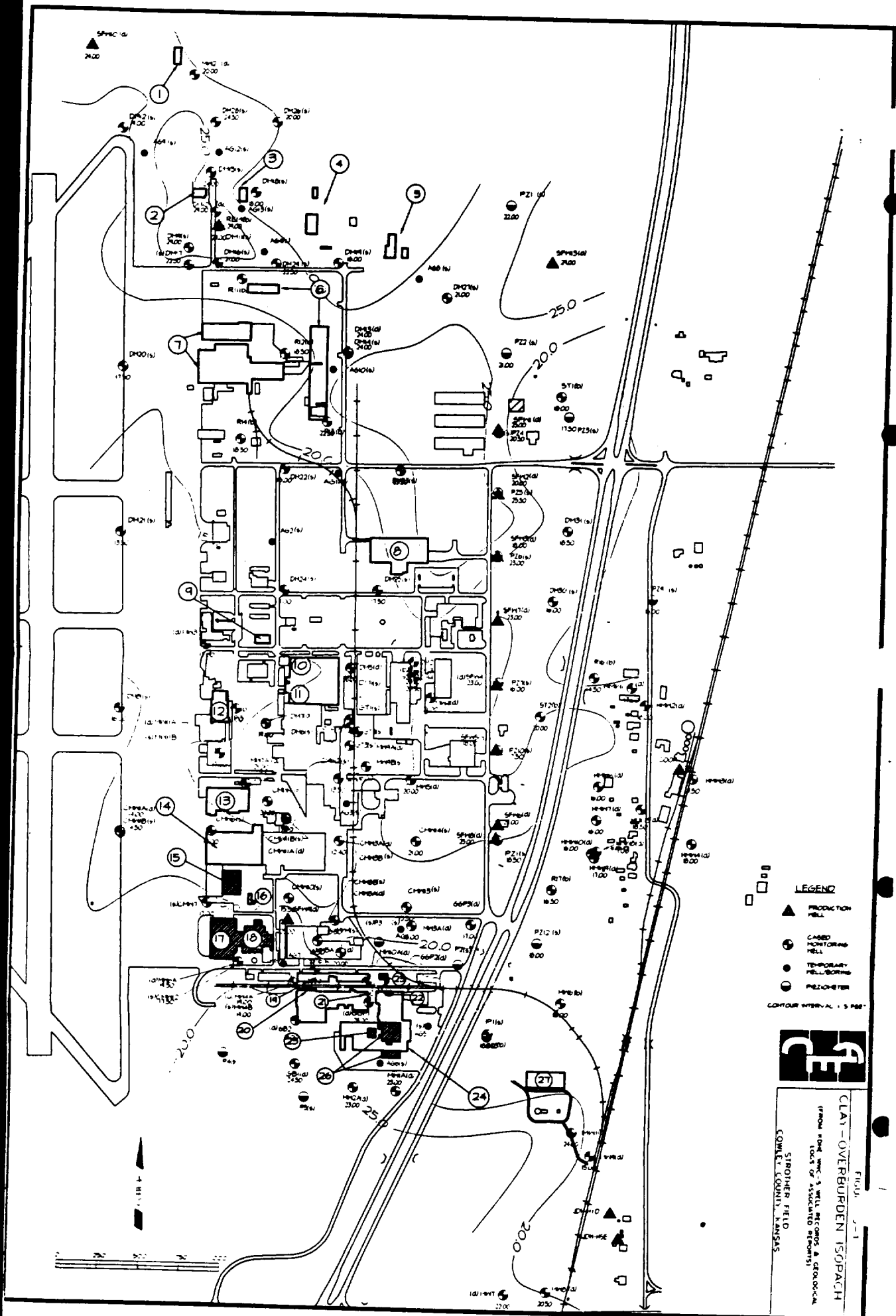
FIG.

1



FILE

2
STROOPER FIELD
COMANCHE COUNTY, KANSAS
WELL LOCATION MAP
(COLOR CODED)



LEGEND

- ▲ PRODUCTION WELL
- Cased Monitoring Well
- Temporary Well/Bore
- Piezometer

Contour Interval = 5 Feet

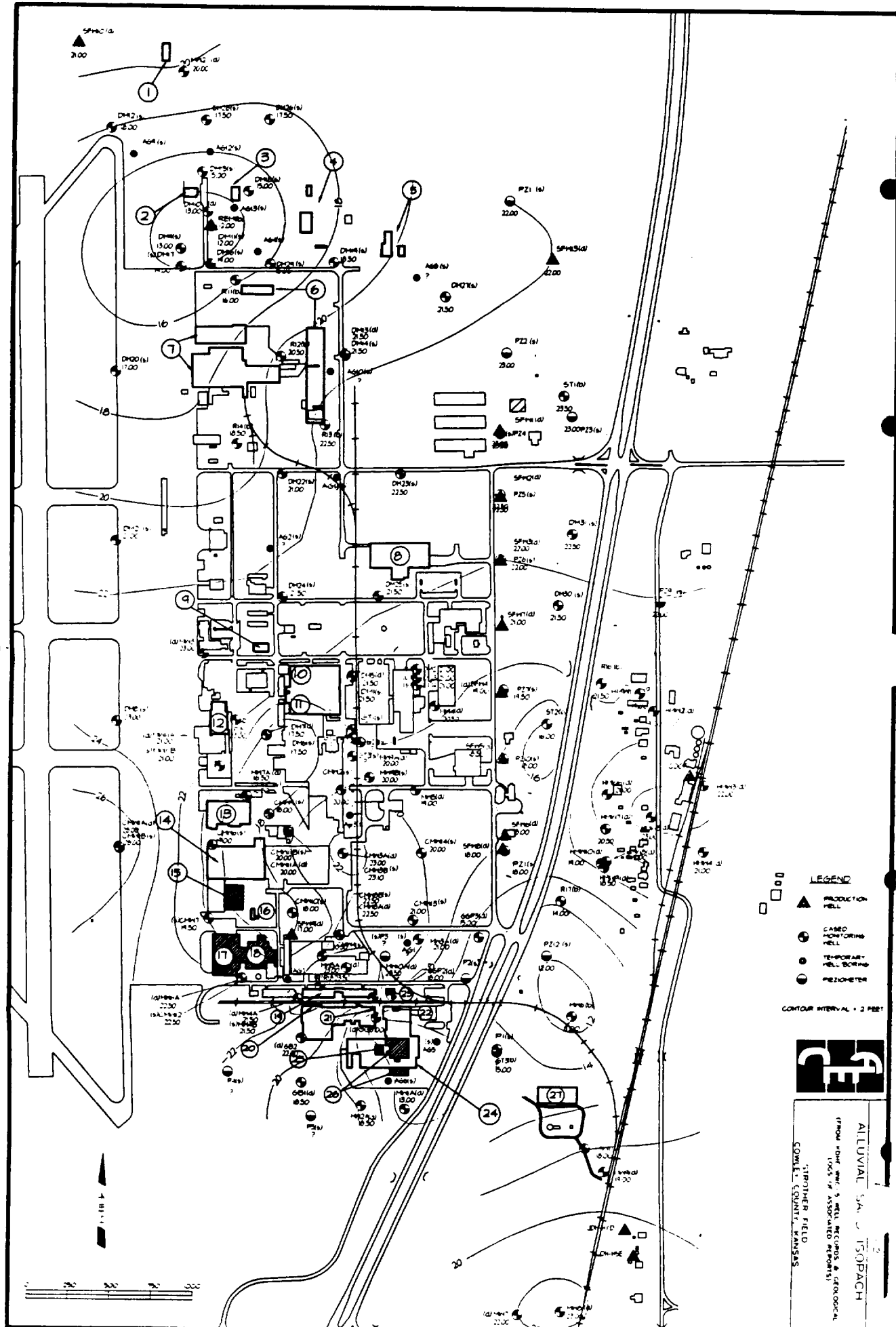
CF

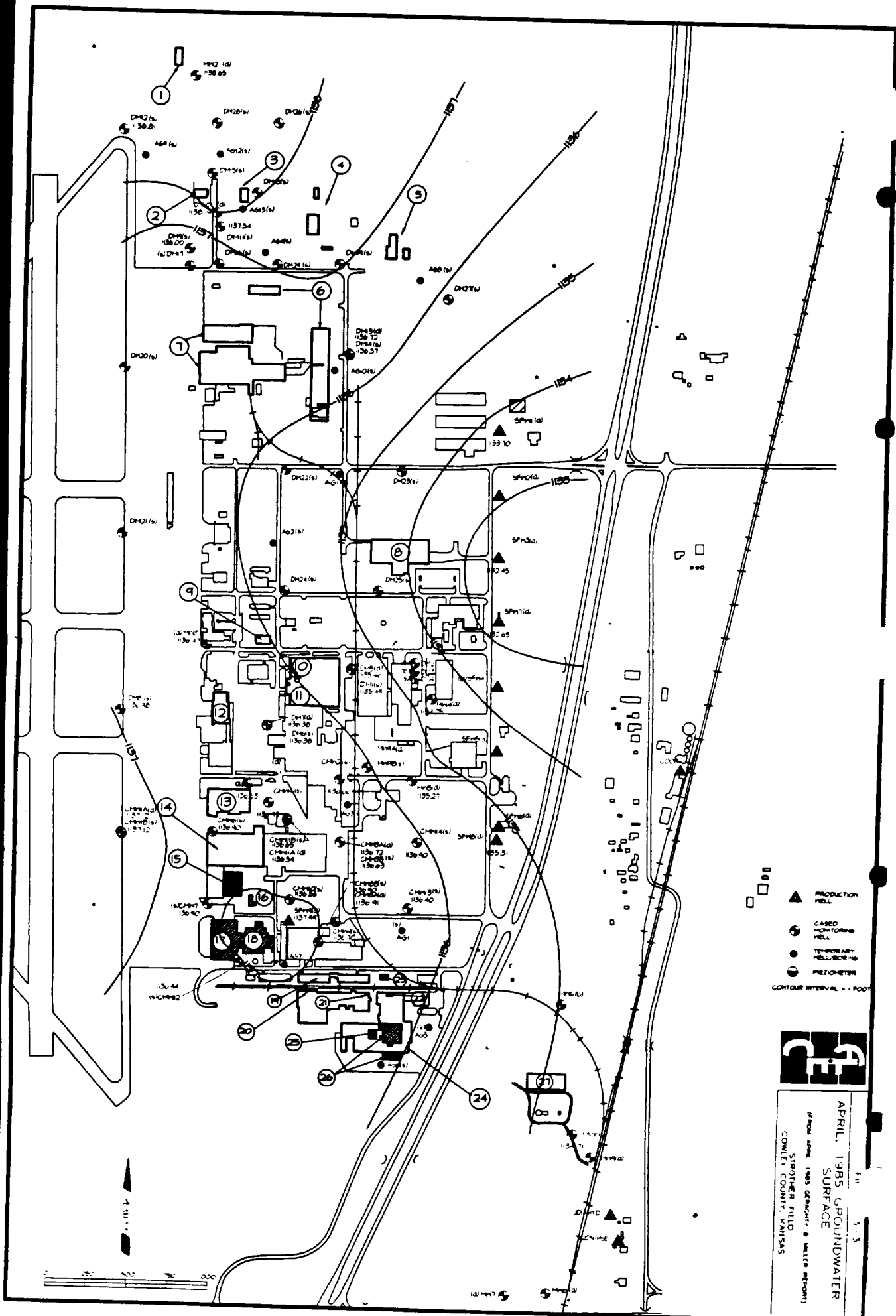
CLAY-OVERBURDEN ISOPACH

(FROM FORM W-2, WELL RECORDS & GEOLOGICAL DATA OF ASSOCIATED REPORTS)

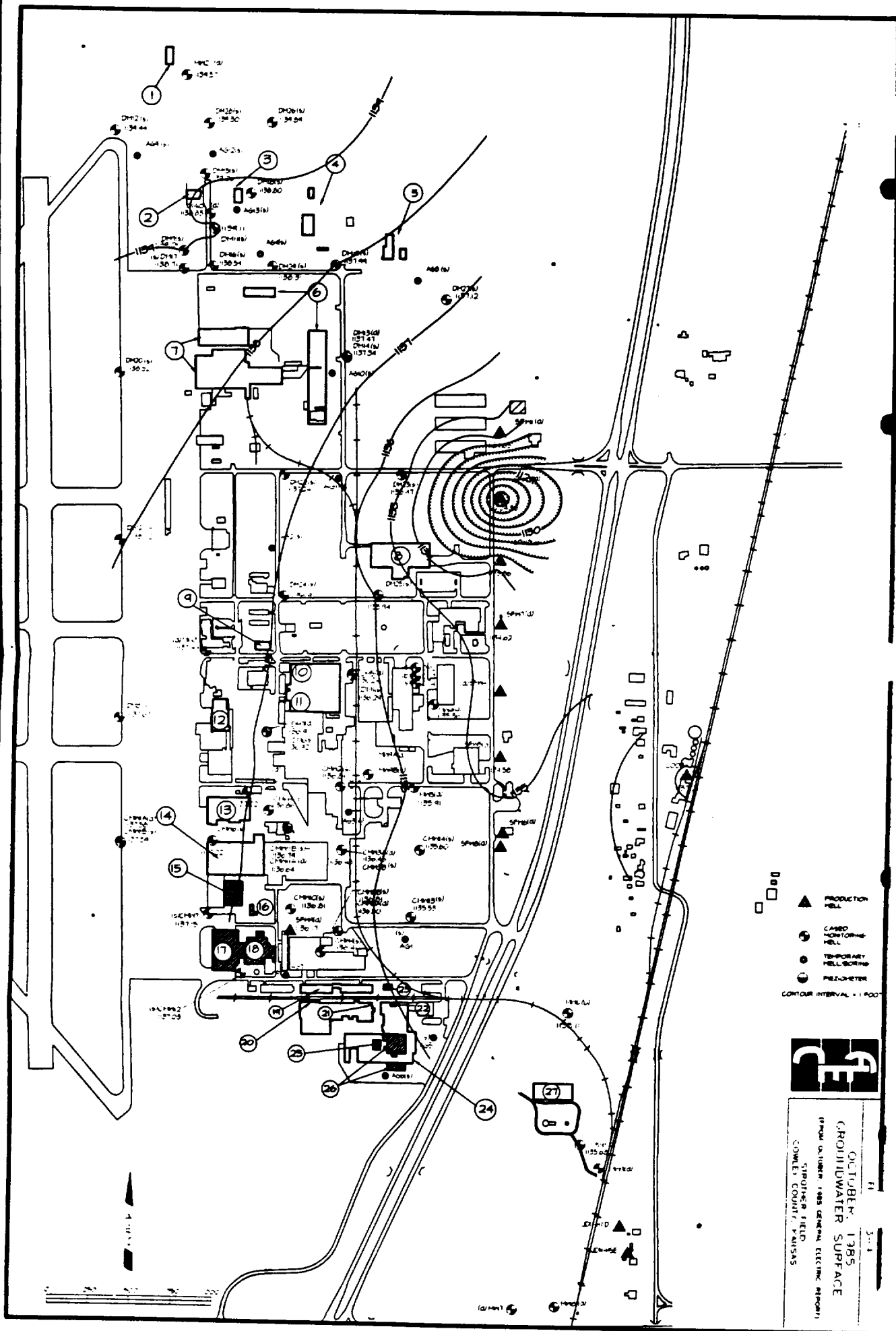
STROTHER FIELD
COMBEL COUNTY, KANSAS

FIG. 1

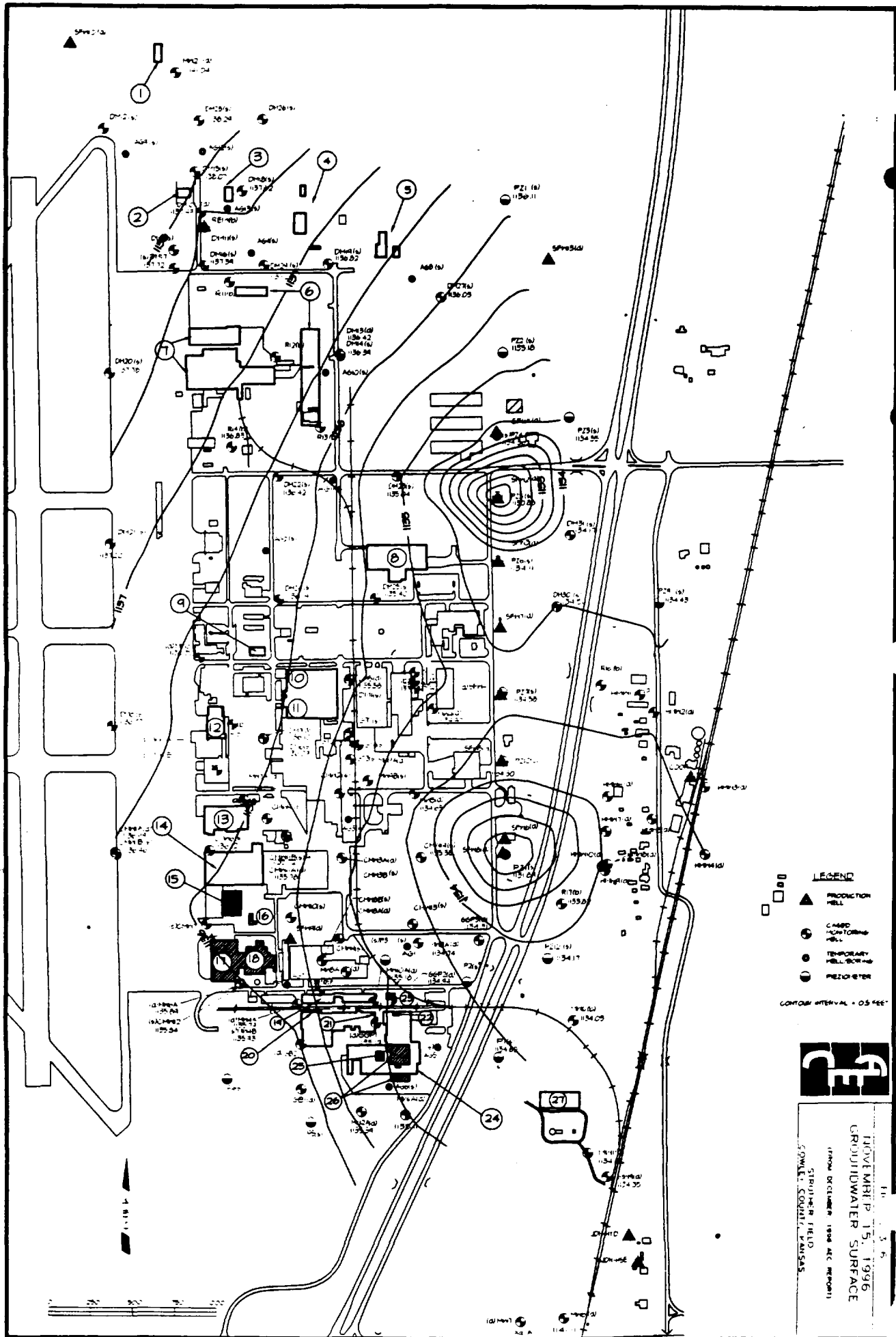




APRIL, 1985 GROUNDWATER
 SURFACE
 STROTHER FIELD
 COMBS COUNTY, KANSAS



OCTOBER, 1985
 GROUNDWATER SURFACE
 SUPTON FIELD
 COMBEL COUNTY, KANSAS



LEGEND

- PRODUCTION WELL
- CASING MONITORING WELL
- TEMPORARY WELL BOWING
- PIEZOMETER

CONTOUR INTERVAL = 0.5 FEET



NOVEMBER 15, 1996
GROUNDWATER SURFACE
SPILL CREEK FIELD
COWLEY COUNTY, KANSAS

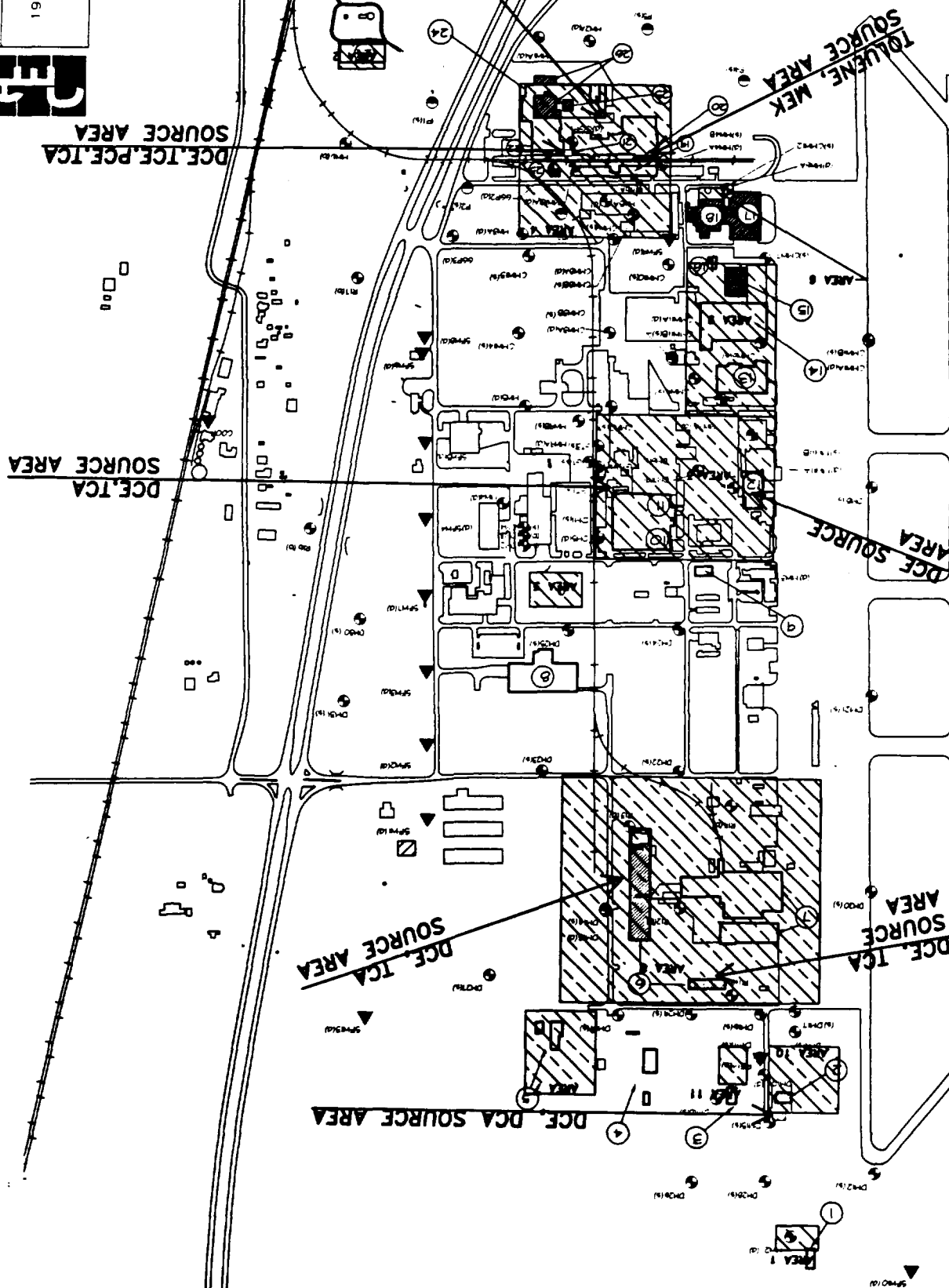




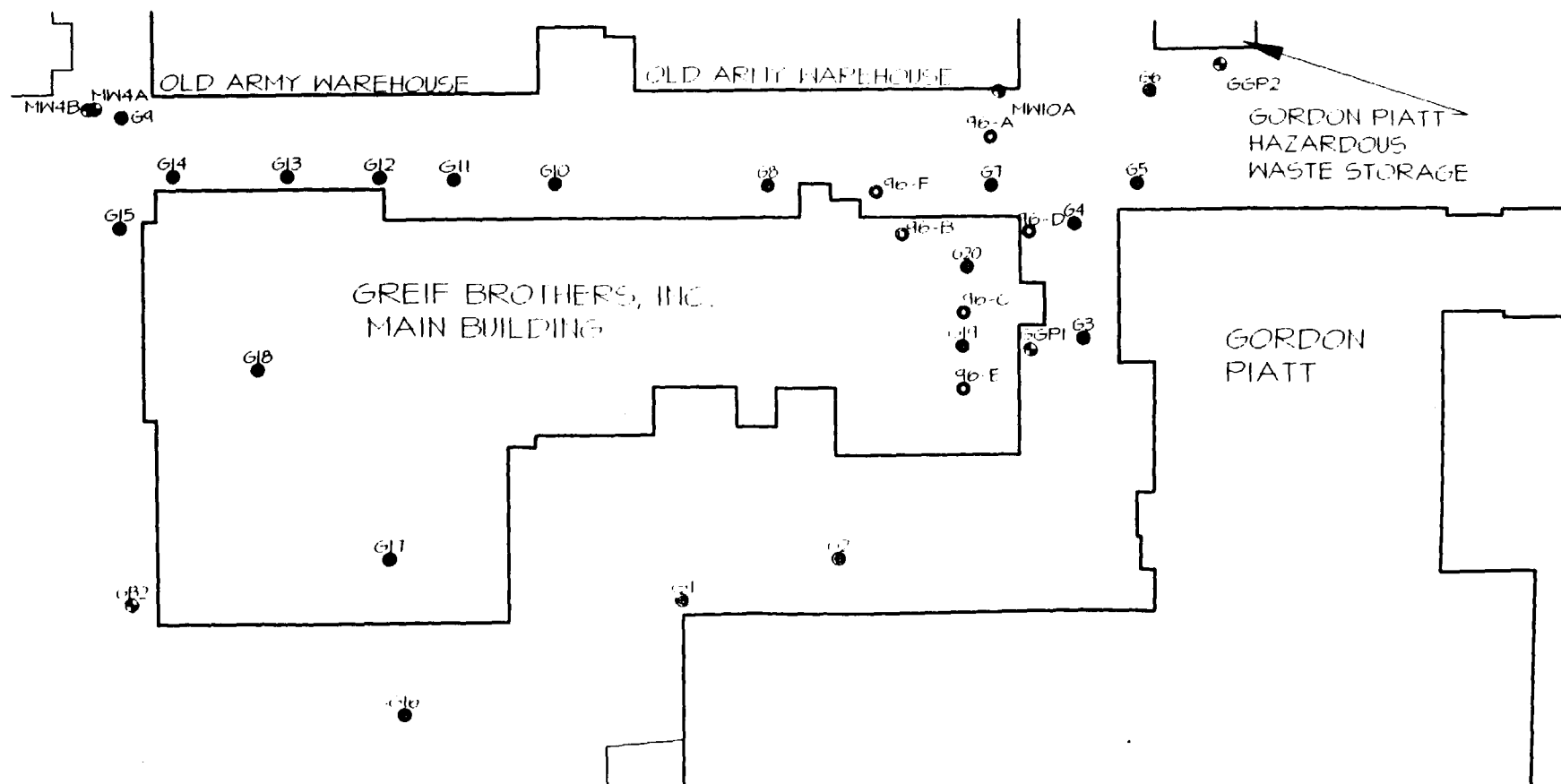
FIGURE 3-8A
GRIEF BROS. SOIL BORING
LOCATIONS

(FROM 1984&1986 SOIL INVESTIGATION REPORTS)
STROTHER FIELD
COWLEY COUNTY, KANSAS

LEGEND

-  PRODUCTION
WELL
-  CASSED
MONITORING
WELL
-  TEMPORARY
WELL/BORING
-  PIEZOMETER

0 50 100
FEET





GRIFF BROS. NORTHEAST CORNER
PCE LOWER CLAY PCE PLUME
(BASED ON LABORATORY ANALYSIS
FROM 1994&1998 SOIL INVESTIGATION REPORTS)
STROTHER FIELD
LOWEY COUNTY, KANSAS

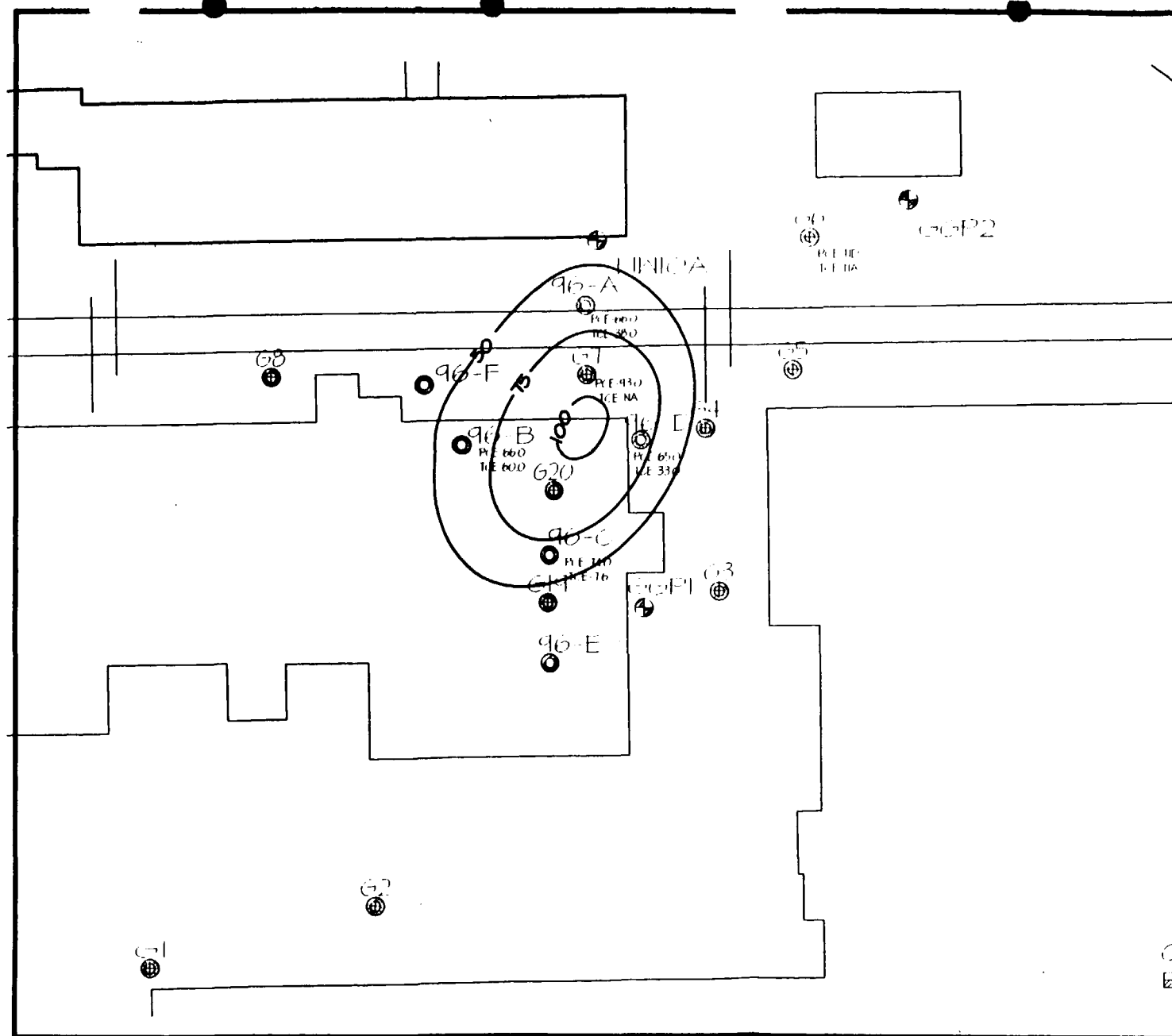
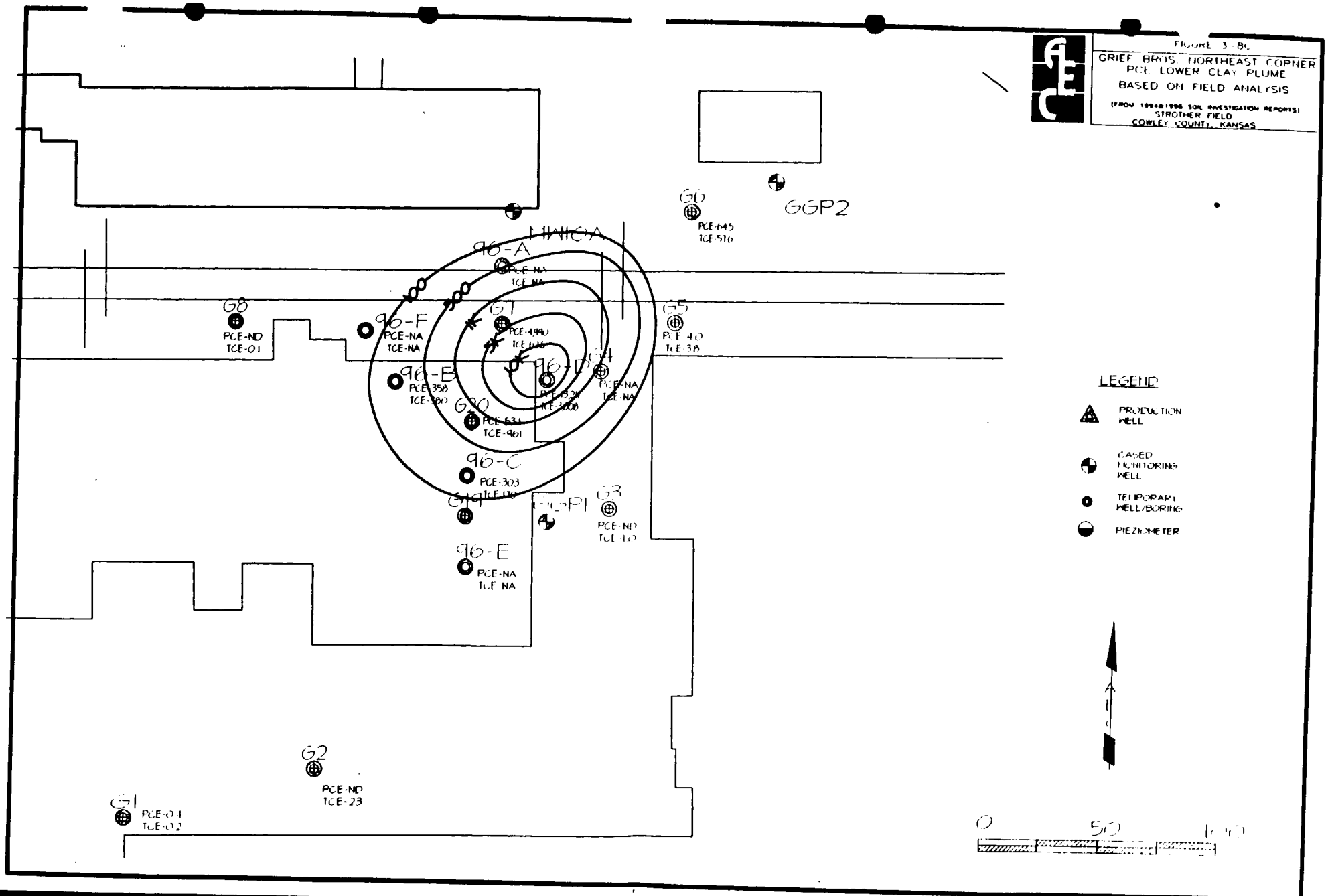
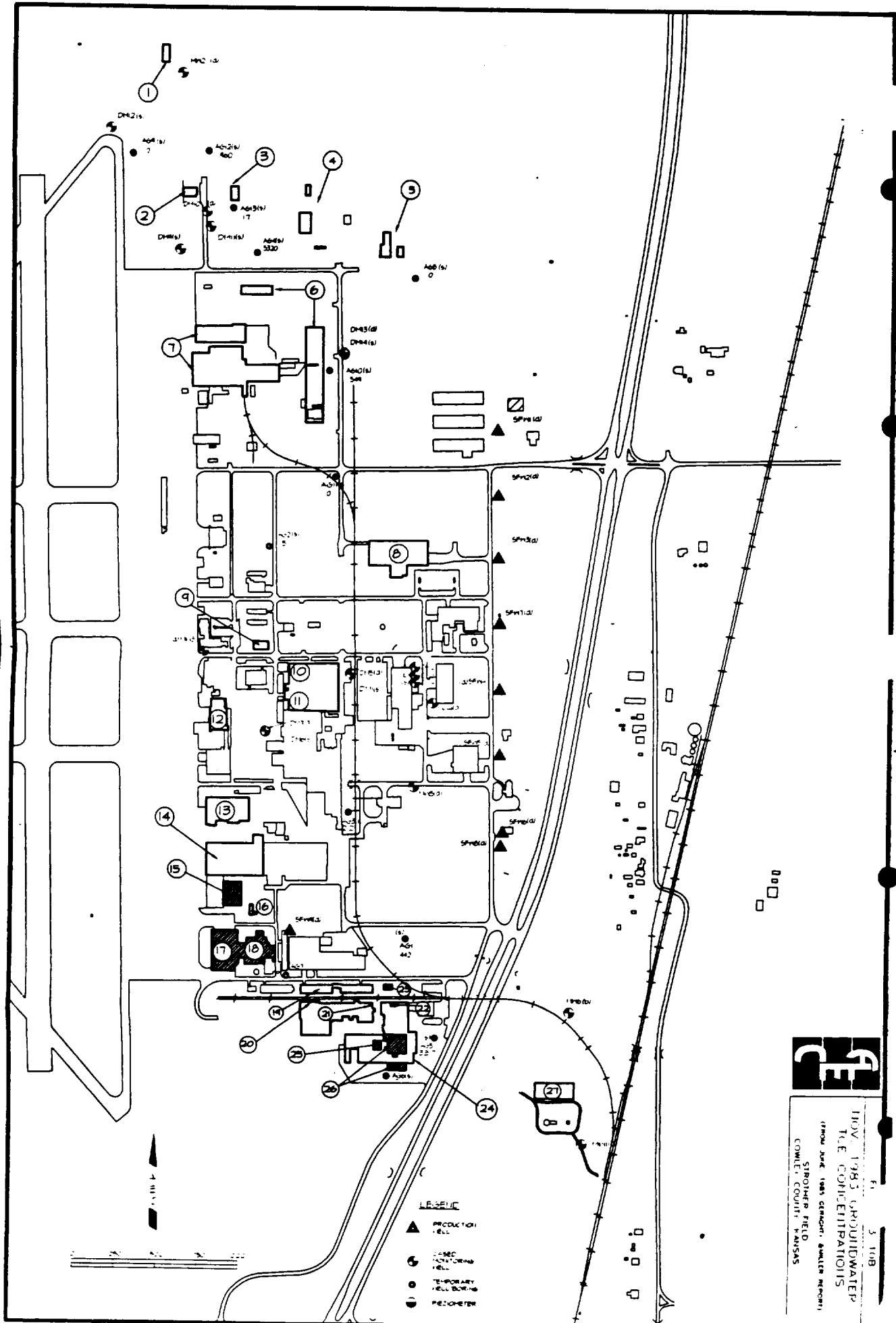


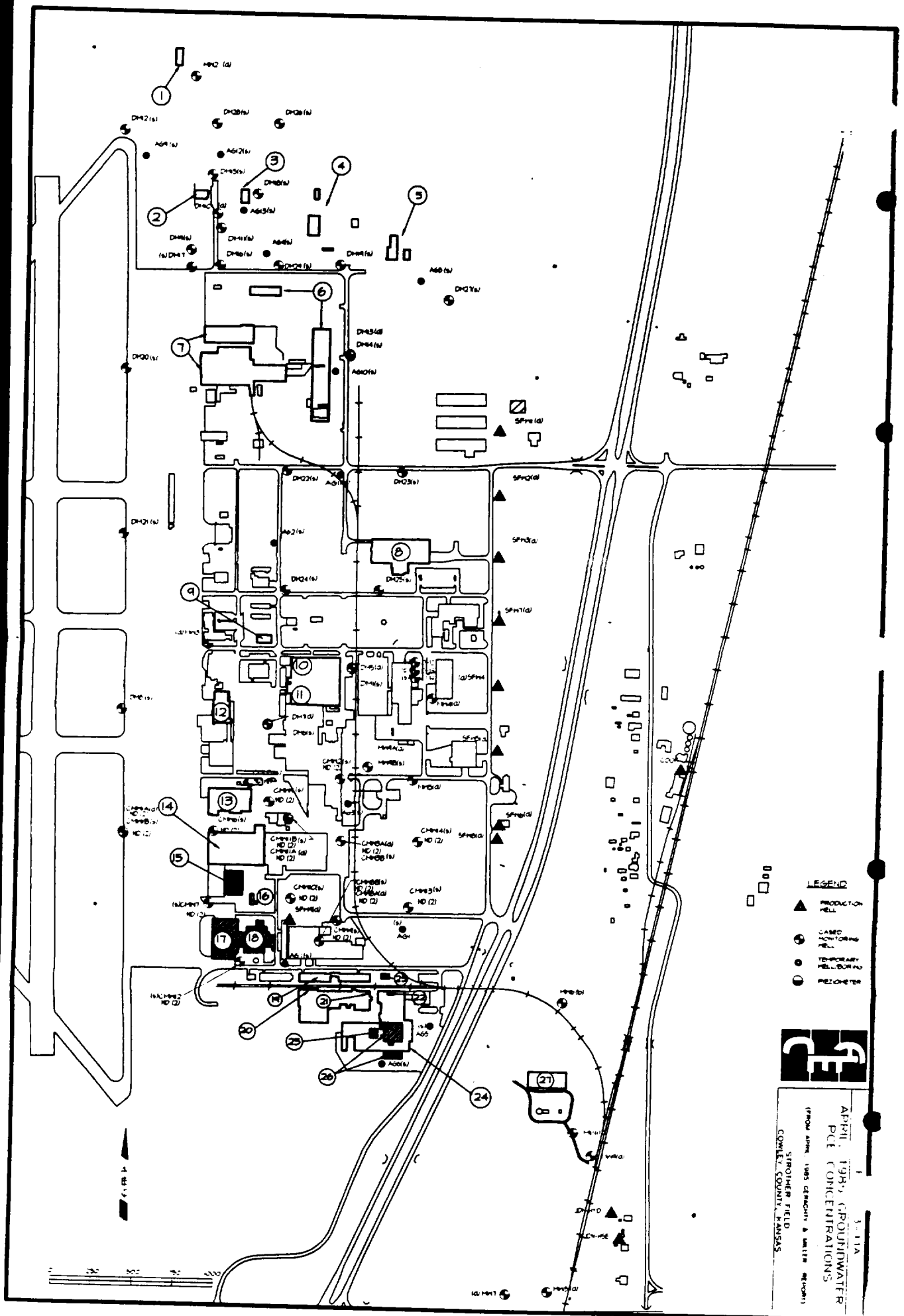


FIGURE 3-8c
GRIFF BROS. NORTHEAST CORNER
PCE LOWER CLAY PLUME
BASED ON FIELD ANALYSIS
(FROM 1992/1993 SOIL INVESTIGATION REPORTS)
STROTHER FIELD
COWLEY COUNTY, KANSAS

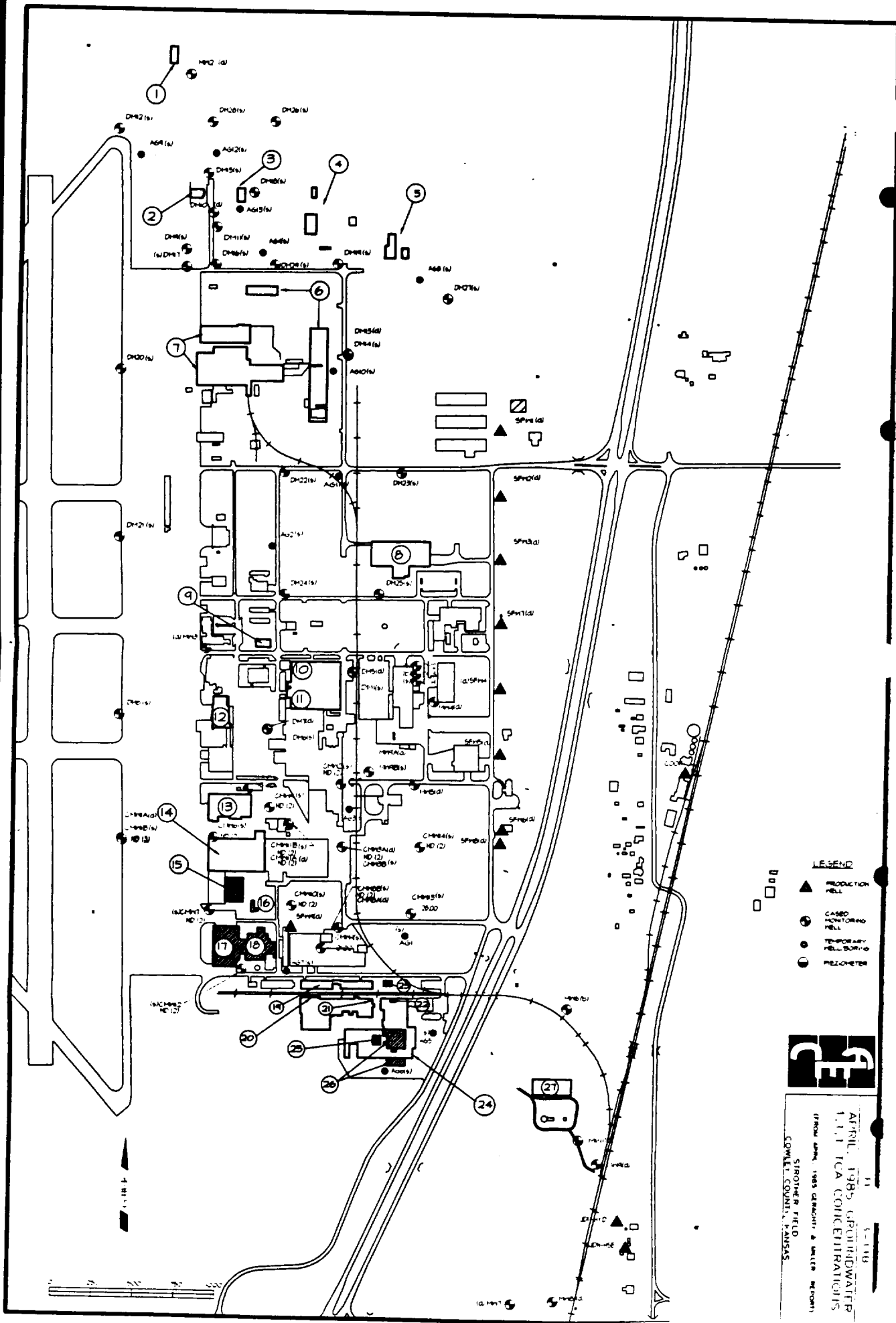


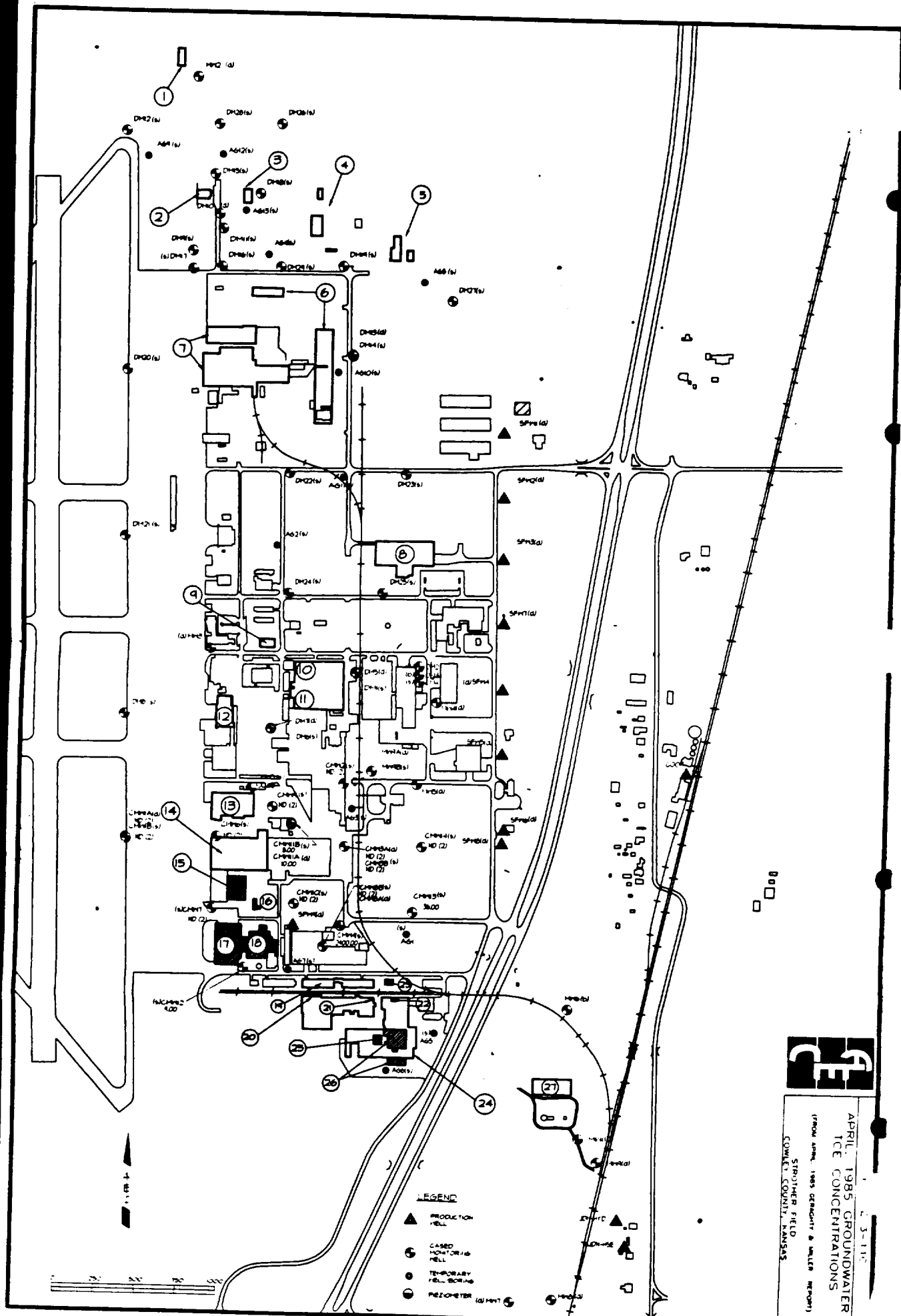


F-1
 5-108
 NOV. 1985 GROUNDWATER
 THE CONFIDENTIALITY
 FROM JUNE 1985 GROUNDWATER QUALITY REPORT
 STROTHER FIELD
 COMB. COUNTY, KANSAS



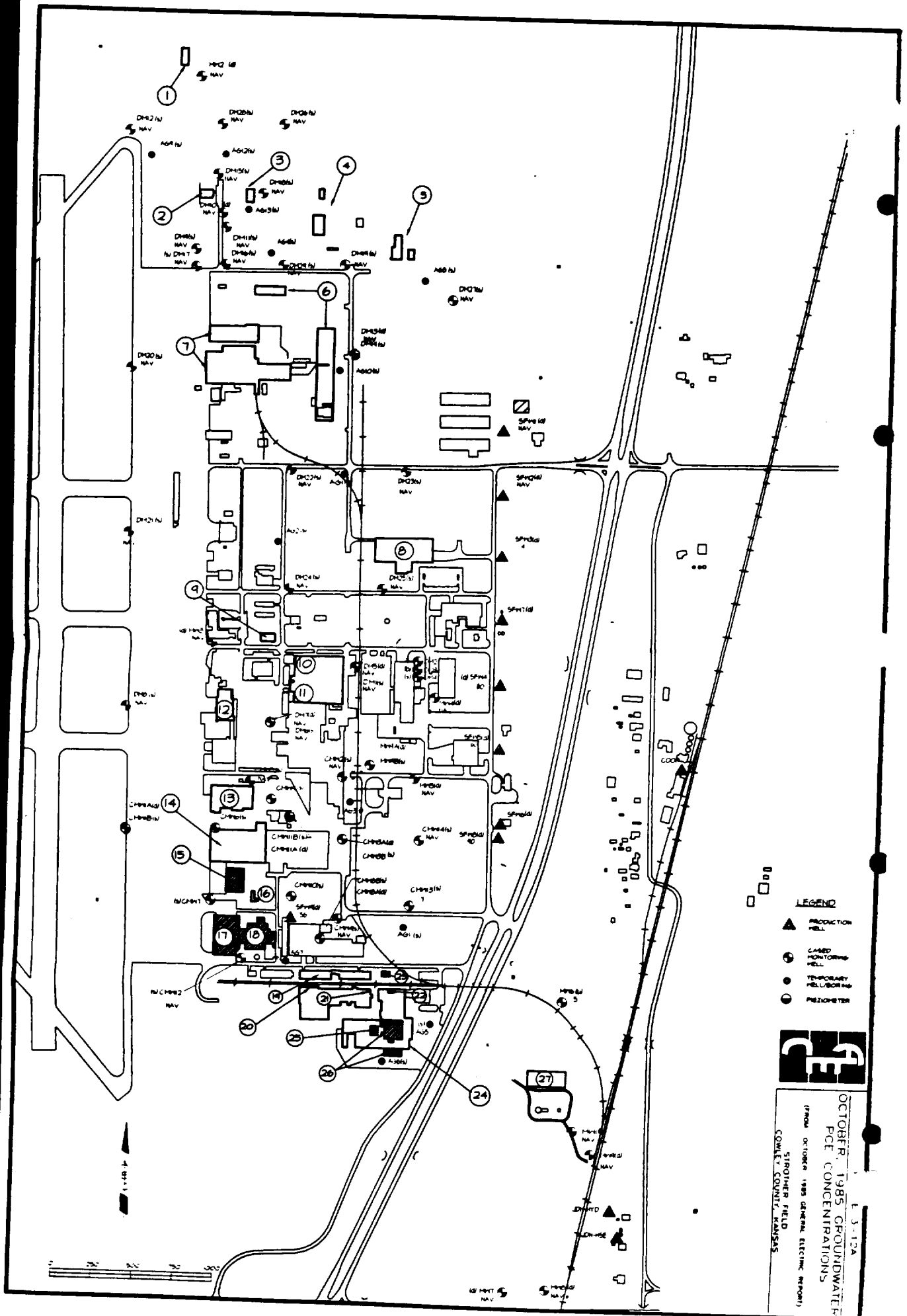
APRIL 1980 GROUNDWATER
PCE CONCENTRATIONS
(FROM APRIL 1985 GROUNDWATER MONITORING)
STROTHER FIELD
COLORADO COUNTY, KANSAS





CF

APRIL 1985 GROUNDWATER
ICE CONCENTRATIONS
(FROM APRIL 1985 GROUNDWATER & WATER REPORT)
STROTHER FIELD
COMBET COUNTY, KANSAS

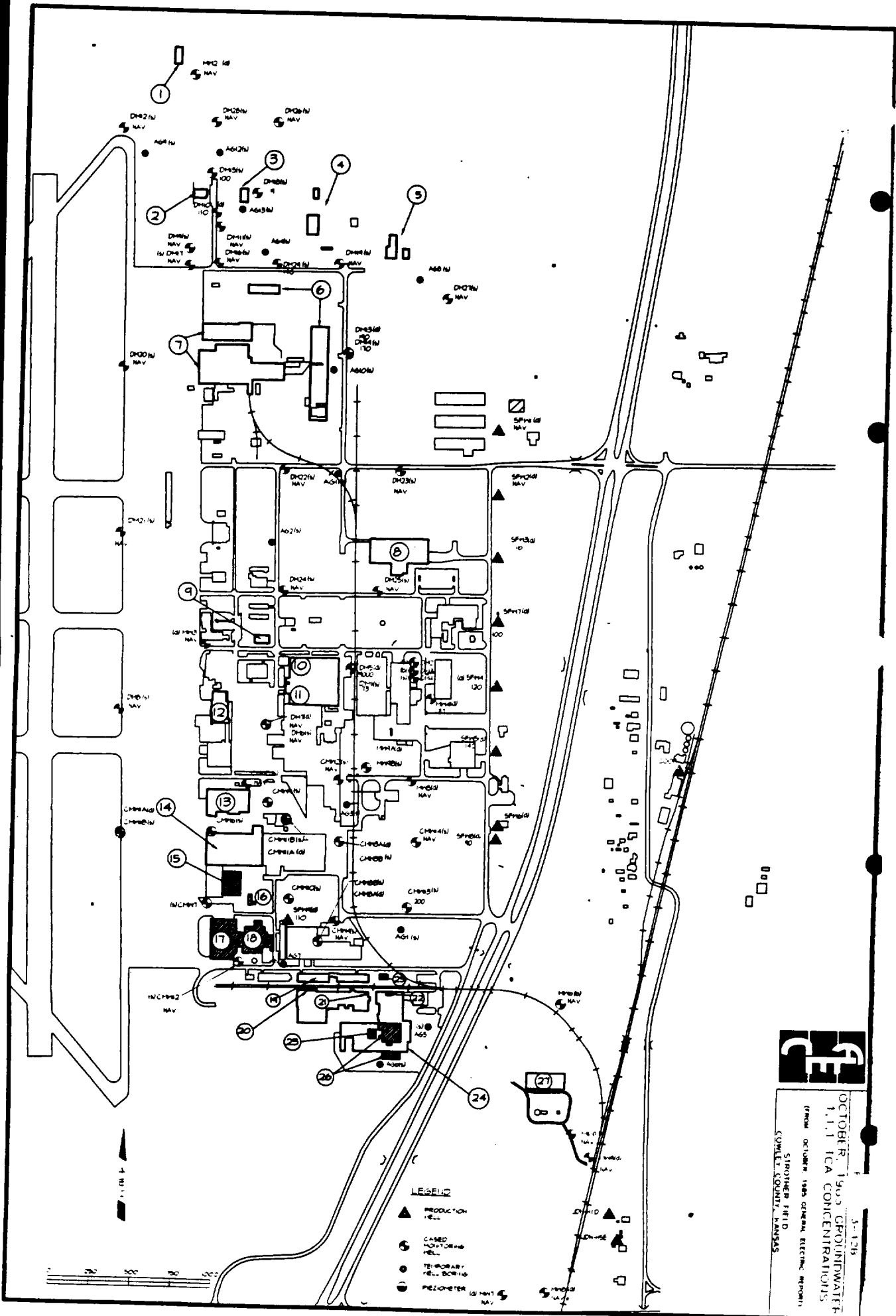


LEGEND

- ▲ PRODUCTION WELL
- CASSED MONITORING WELL
- ⊗ TEMPORARY WELL/BORING
- ⊖ PIEZOMETER

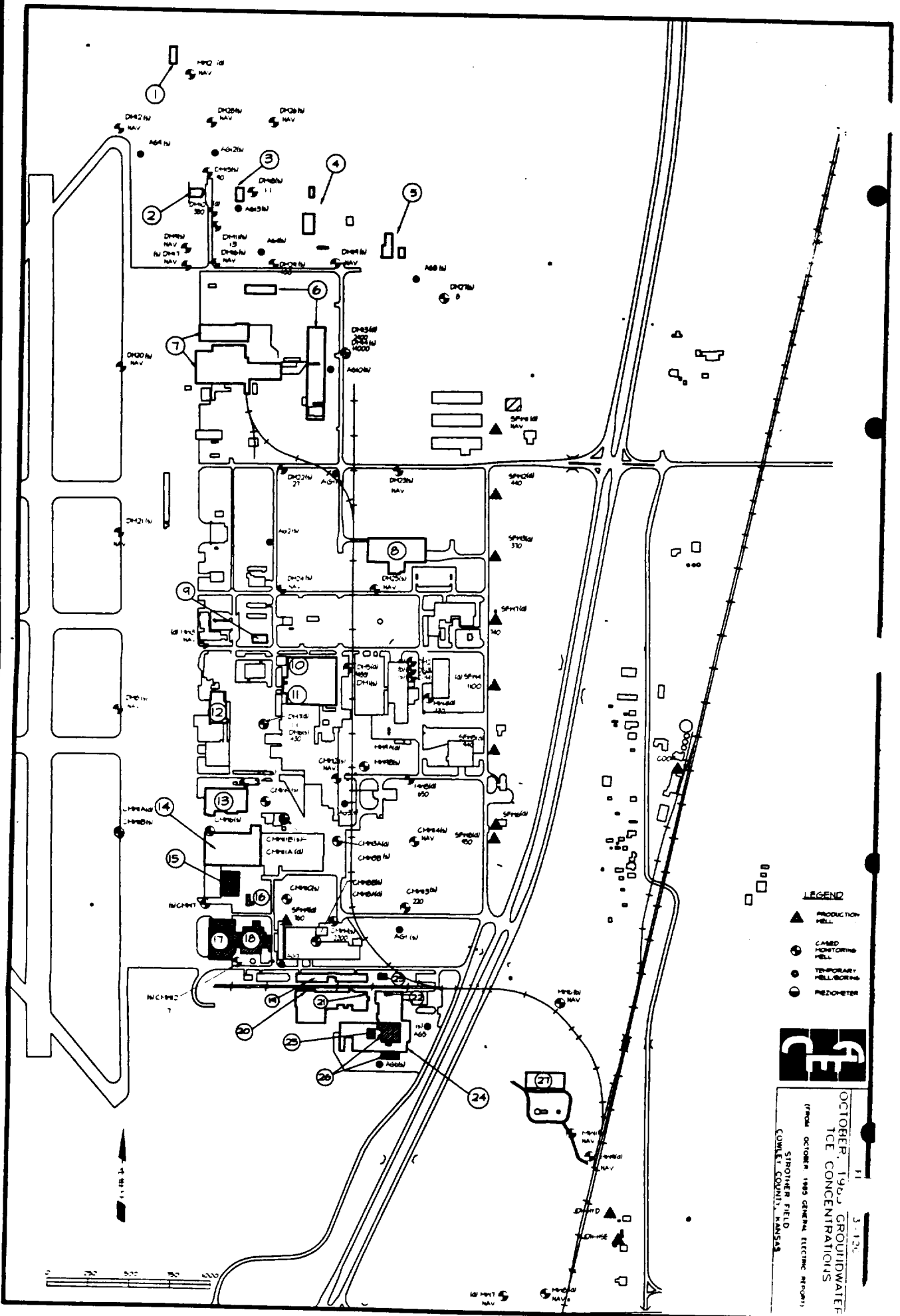


OCTOBER, 1985 GROUNDWATER
PCE CONCENTRATIONS
(FROM OCTOBER 1985 GENERAL ELECTRIC REPORT)
STROTHER FIELD
COMELY COUNTY, KANSAS



3-1215
 OCTOBER 1993 GROHMANWATER
 1.1 TCA CONCENTRATIONS
 (FROM OCTOBER 1985 GENERAL ELECTRIC REPORT)
 STROTHER FIELD
 COMBEL COUNTY, KANSAS

- LEGEND
- ▲ PRODUCTION WELL
 - CAGED MONITORING WELL
 - TEMPORARY WELL BORTHO
 - PNEUMONIC

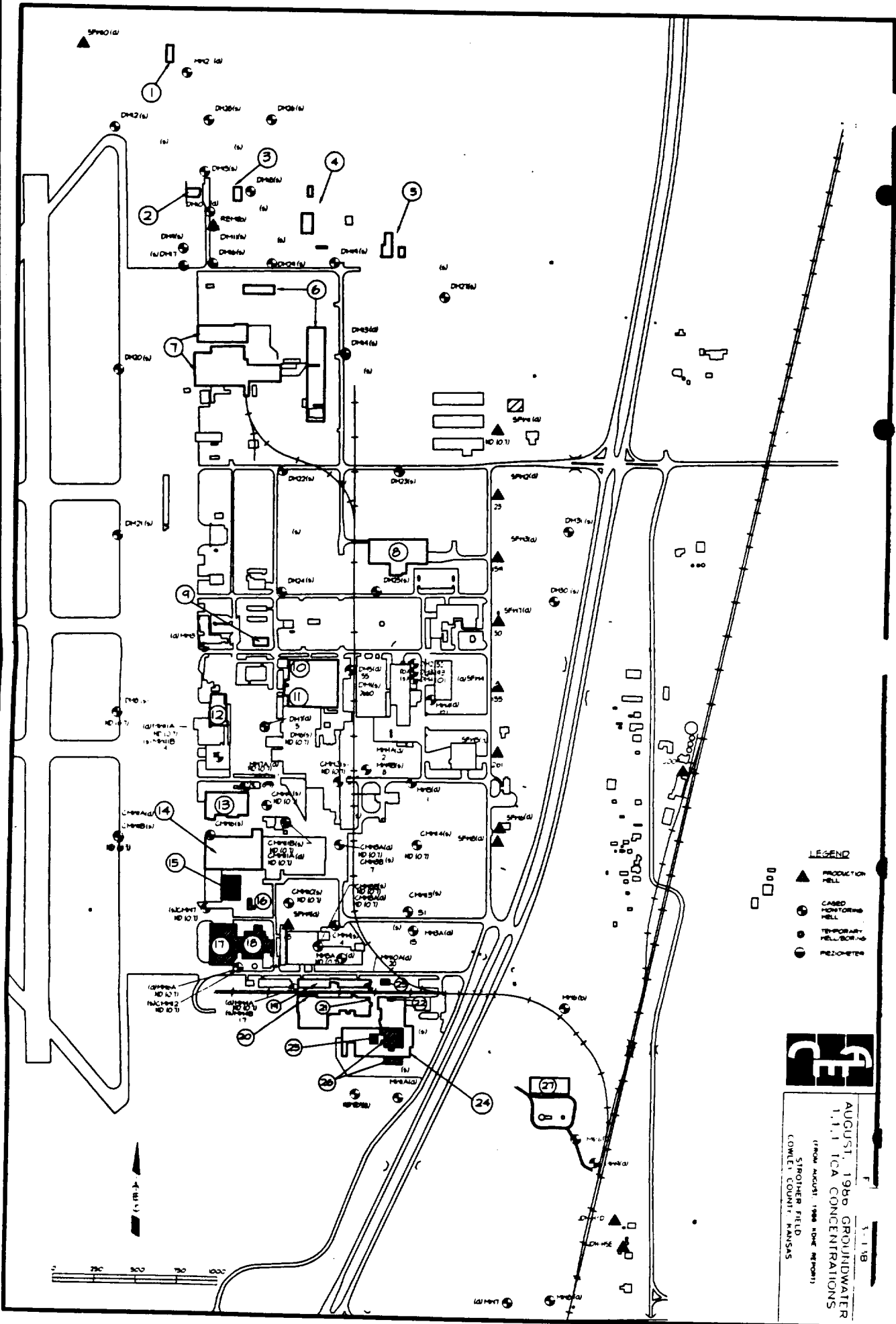


LEGEND

- ▲ PRODUCTION WELL
- CASED MONITORING WELL
- ⊗ TEMPORARY WELL/BORING
- PIEZOMETER



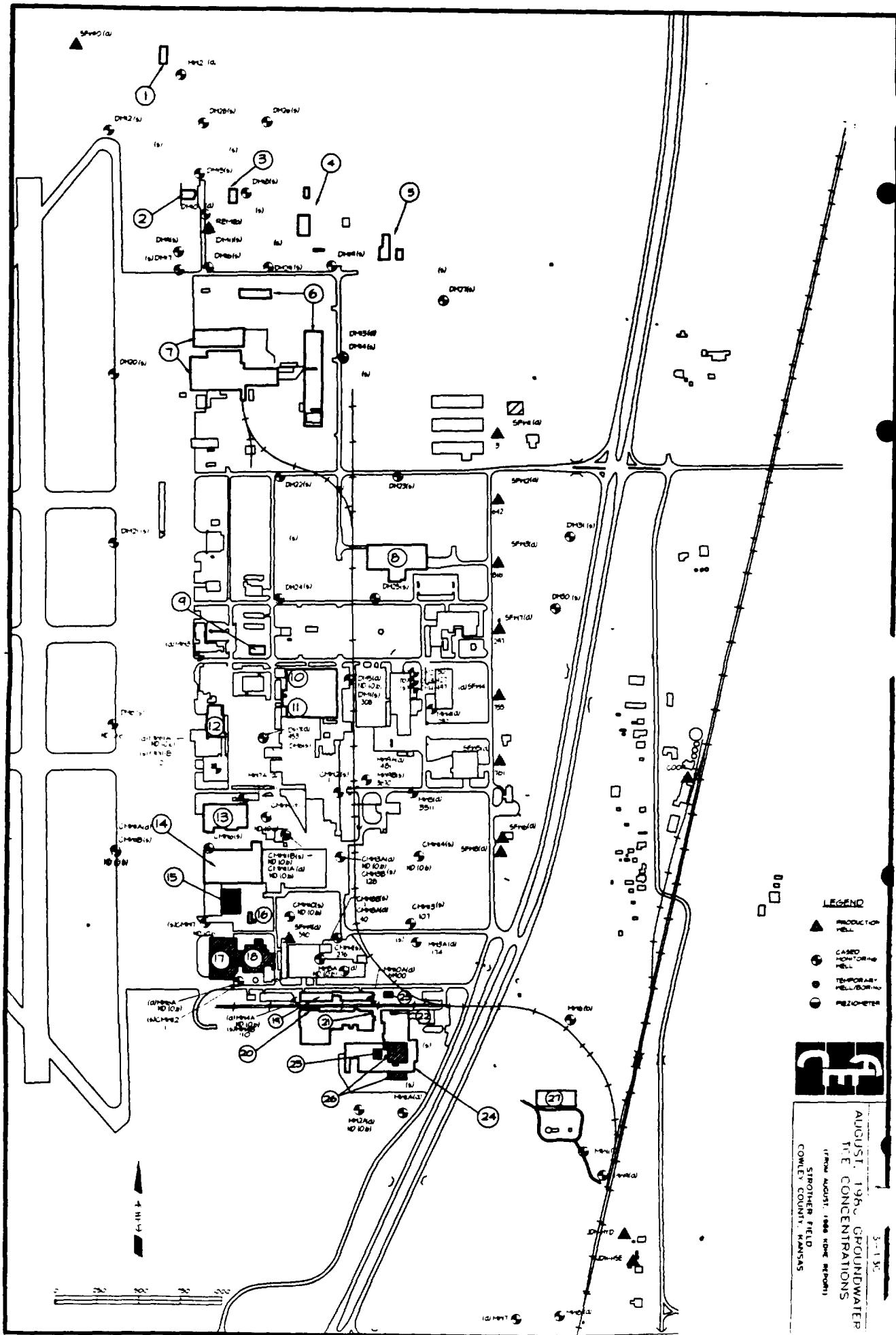
OCTOBER 1983 GROUNDWATER
TCE CONCENTRATIONS
(FROM OCTOBER 1983 GENERAL ELECTRIC REPORT)
STROTHER FIELD
COMBUSTION, OKLAHOMA

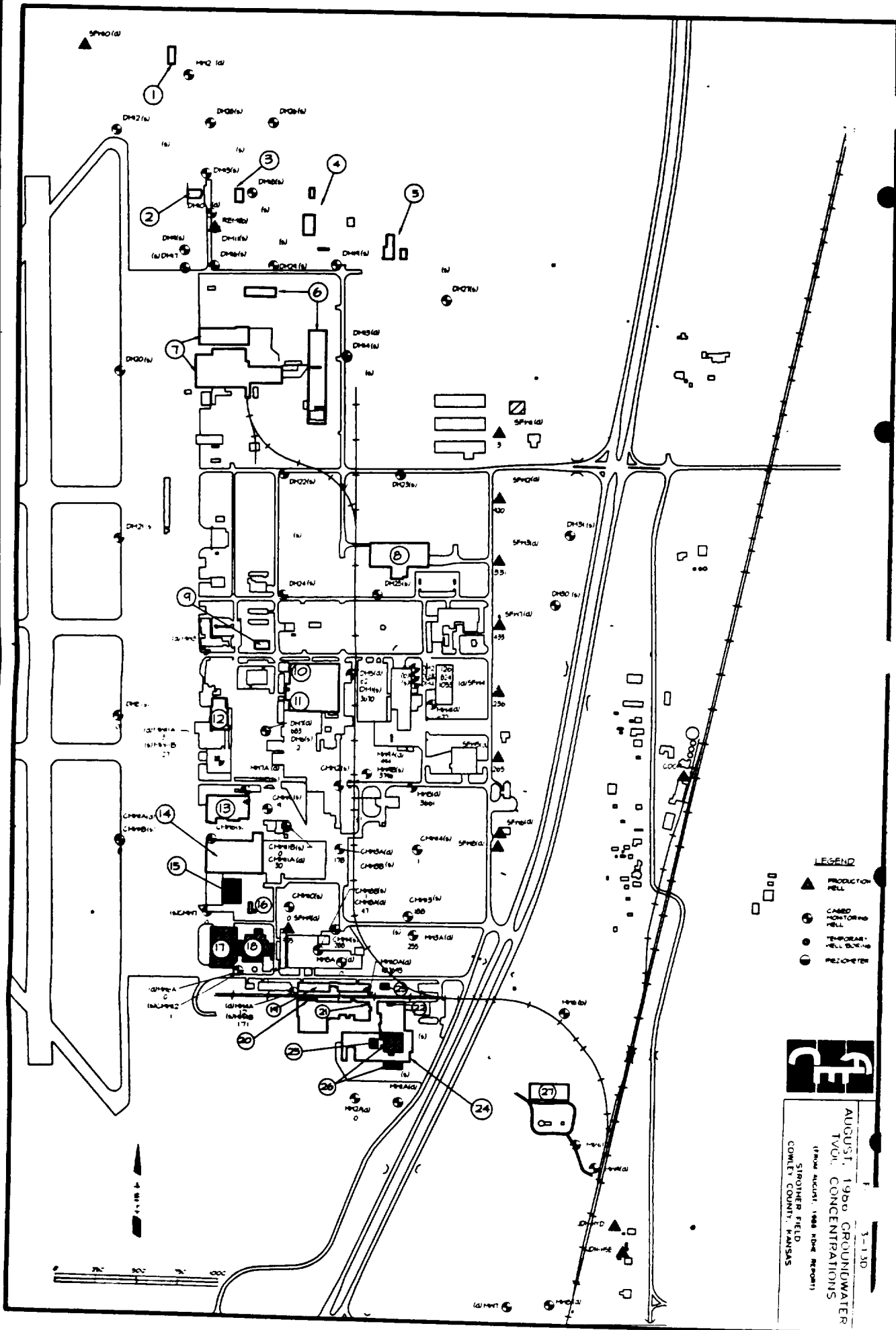


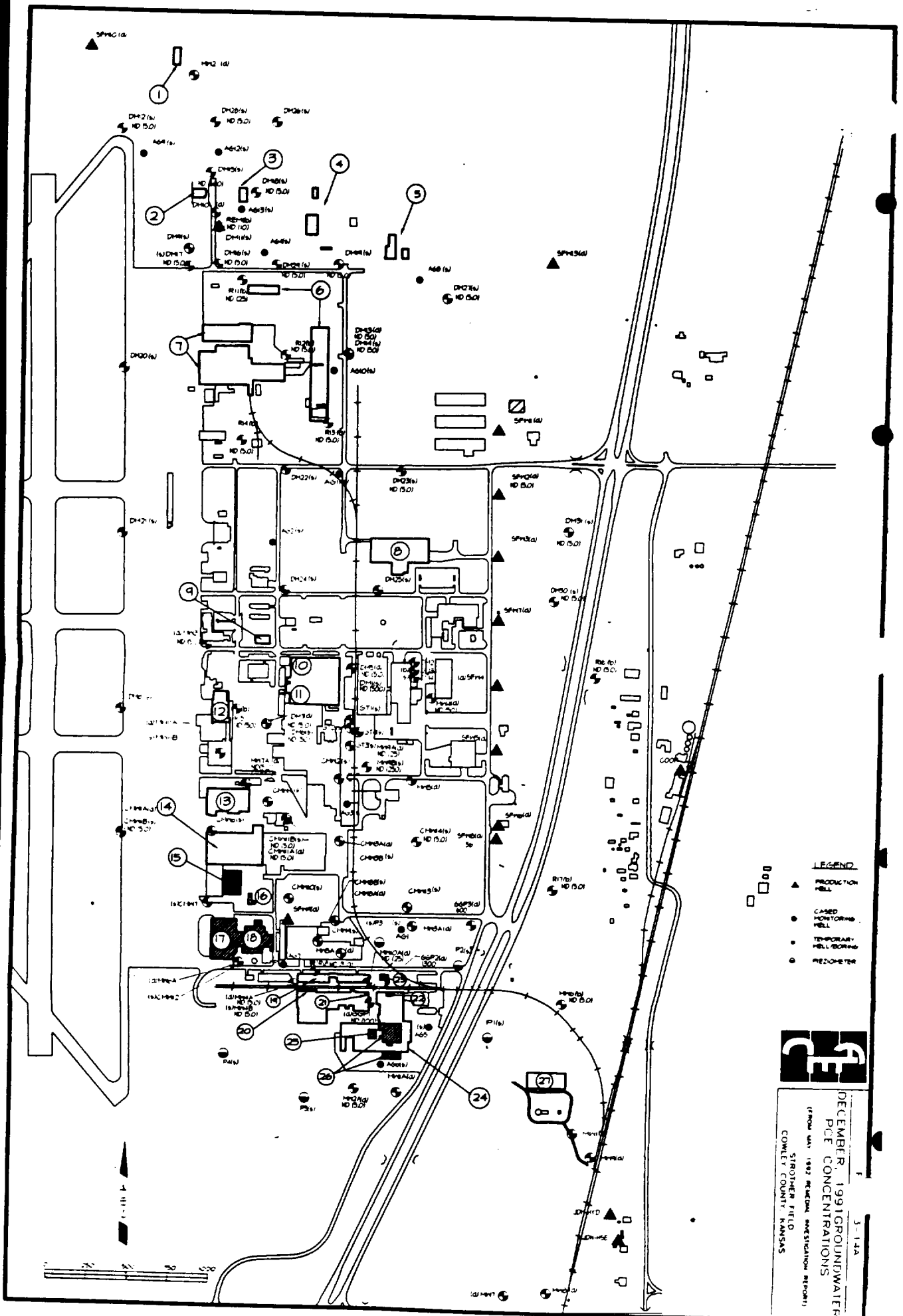
- LEGEND**
- ▲ PRODUCTION WELL
 - CASED MONITORING WELL
 - TEMPORARY MONITORING WELL
 - PIEZOMETER

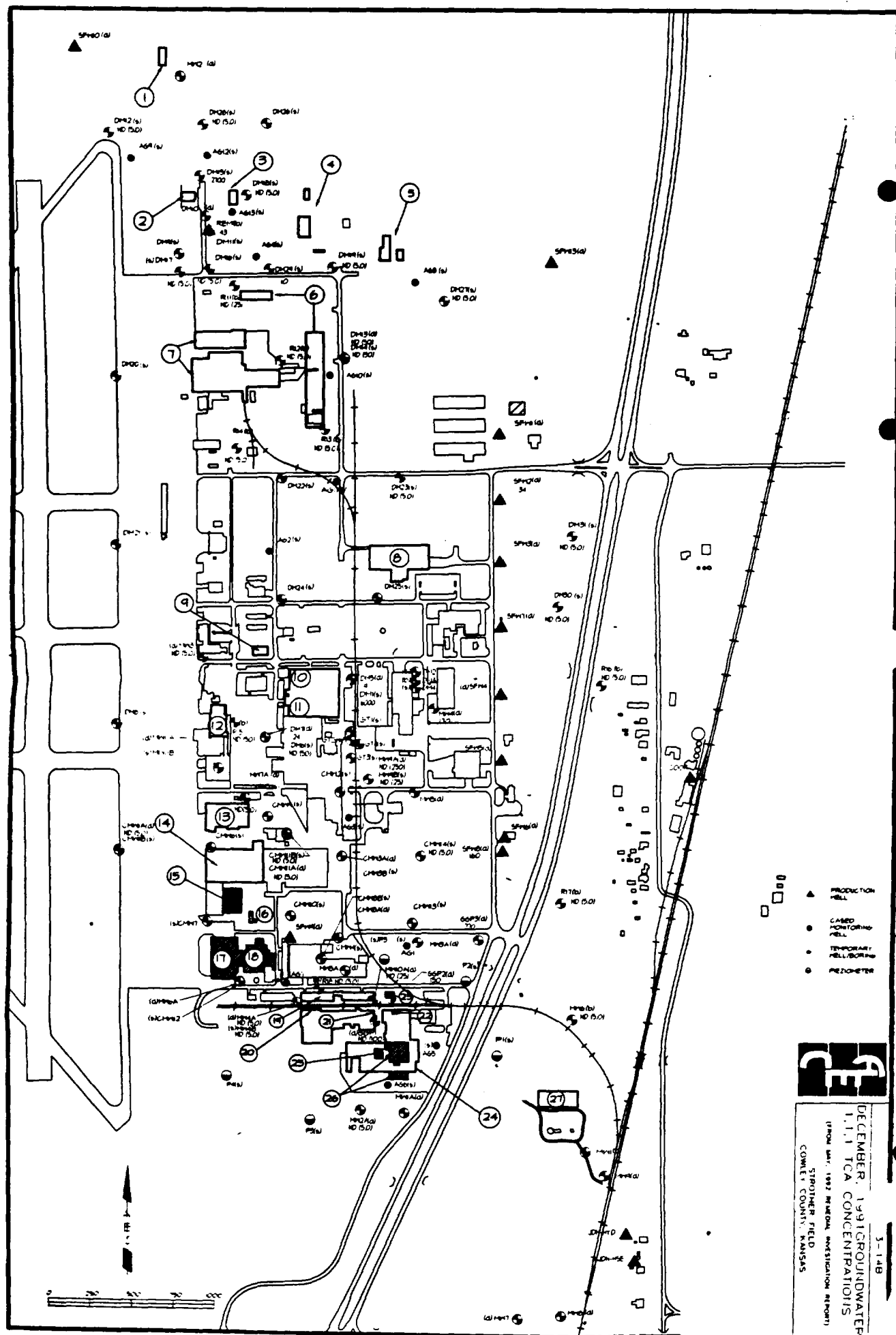


AUGUST, 1980 GROUNDWATER T, T, T CA CONCENTRATIONS
 (FROM AUGUST 1980 MON REPORT)
 STROTHER FIELD
 COMANCHE COUNTY, KANSAS

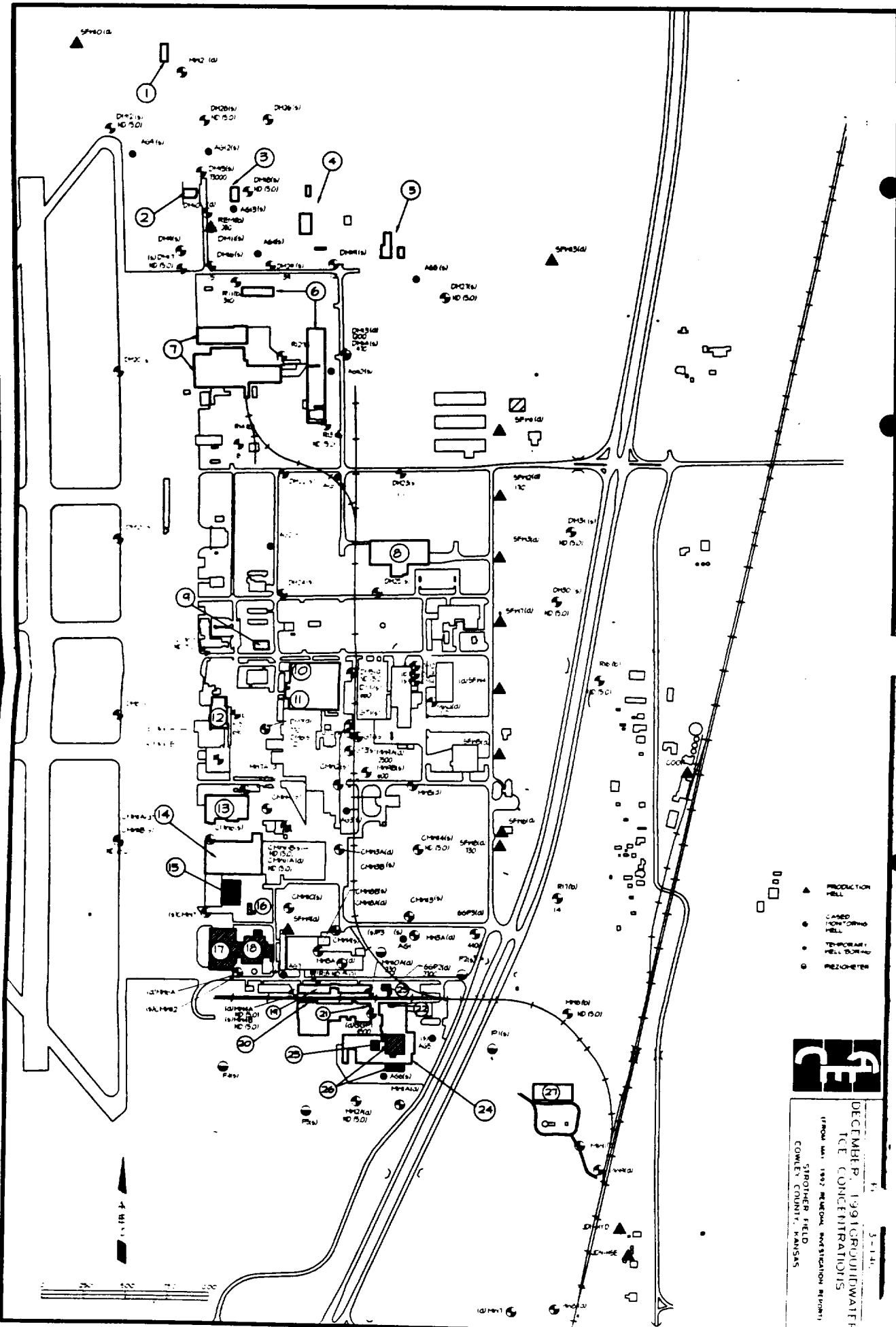




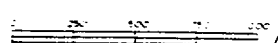


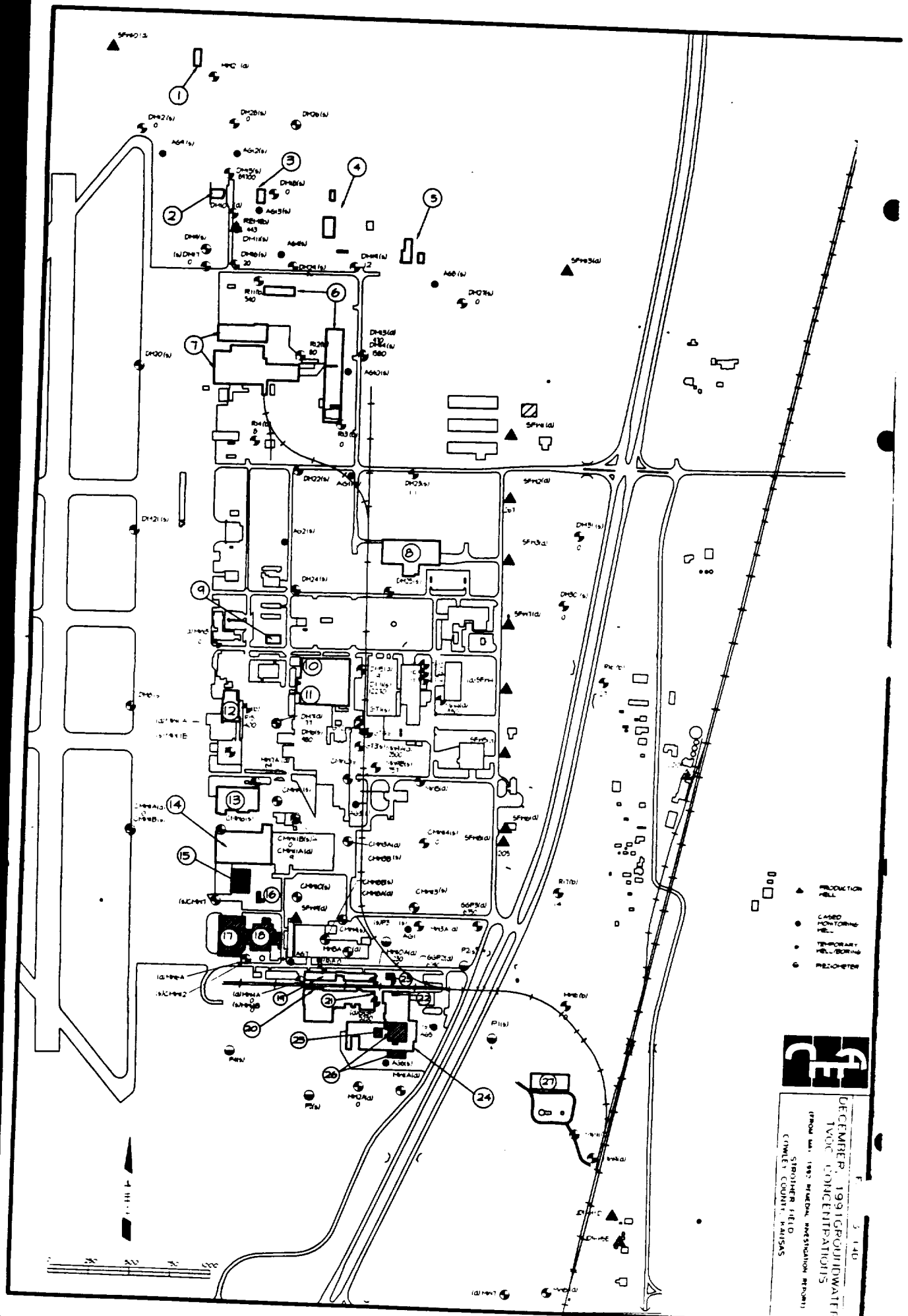


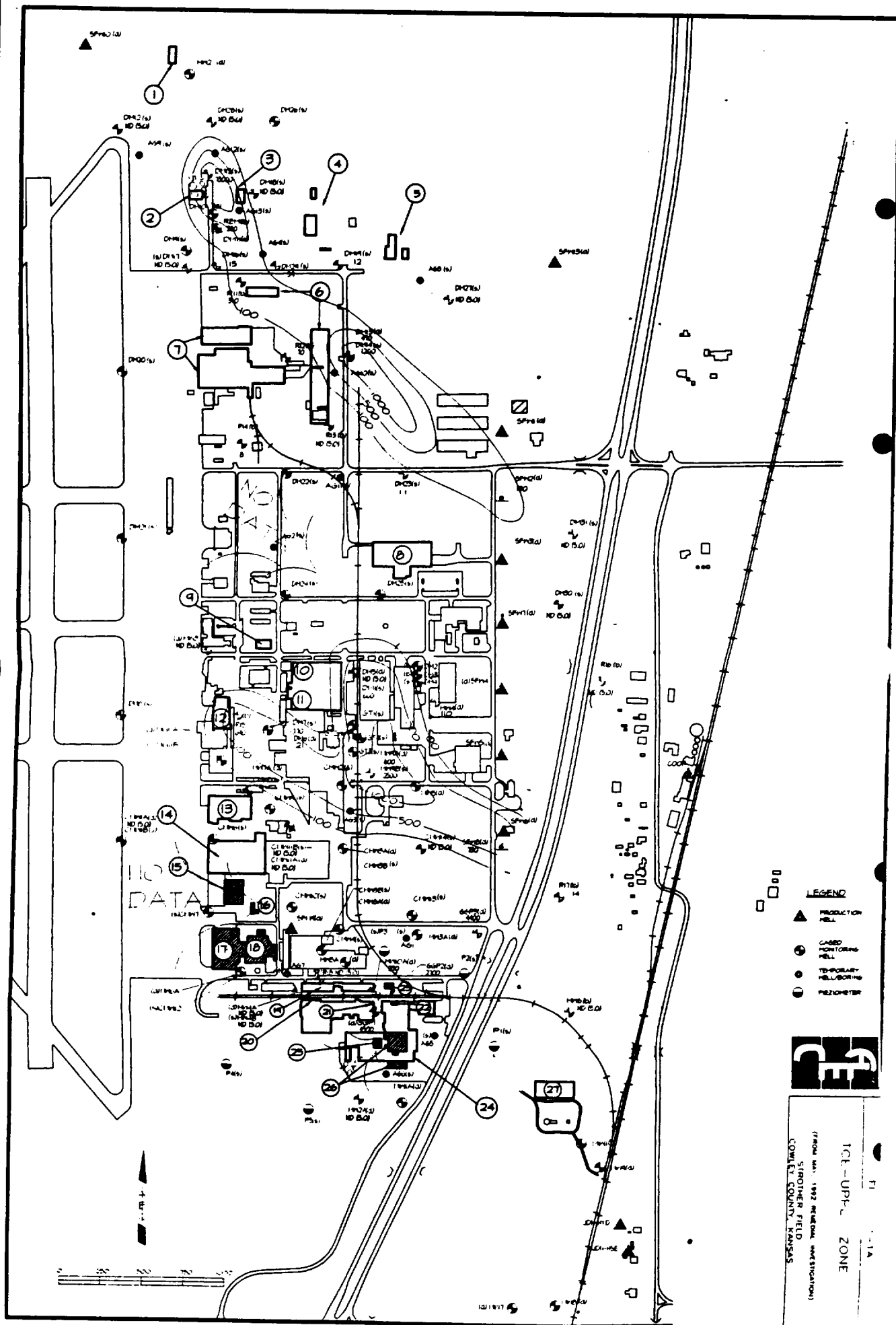
DECEMBER 1991 GROUNDWATER
 TCA CONCENTRATIONS
 (FROM JAN. 1992 MEDIA INVESTIGATION REPORT)
 STROTHER FIELD
 COMBEE COUNTY, KANSAS

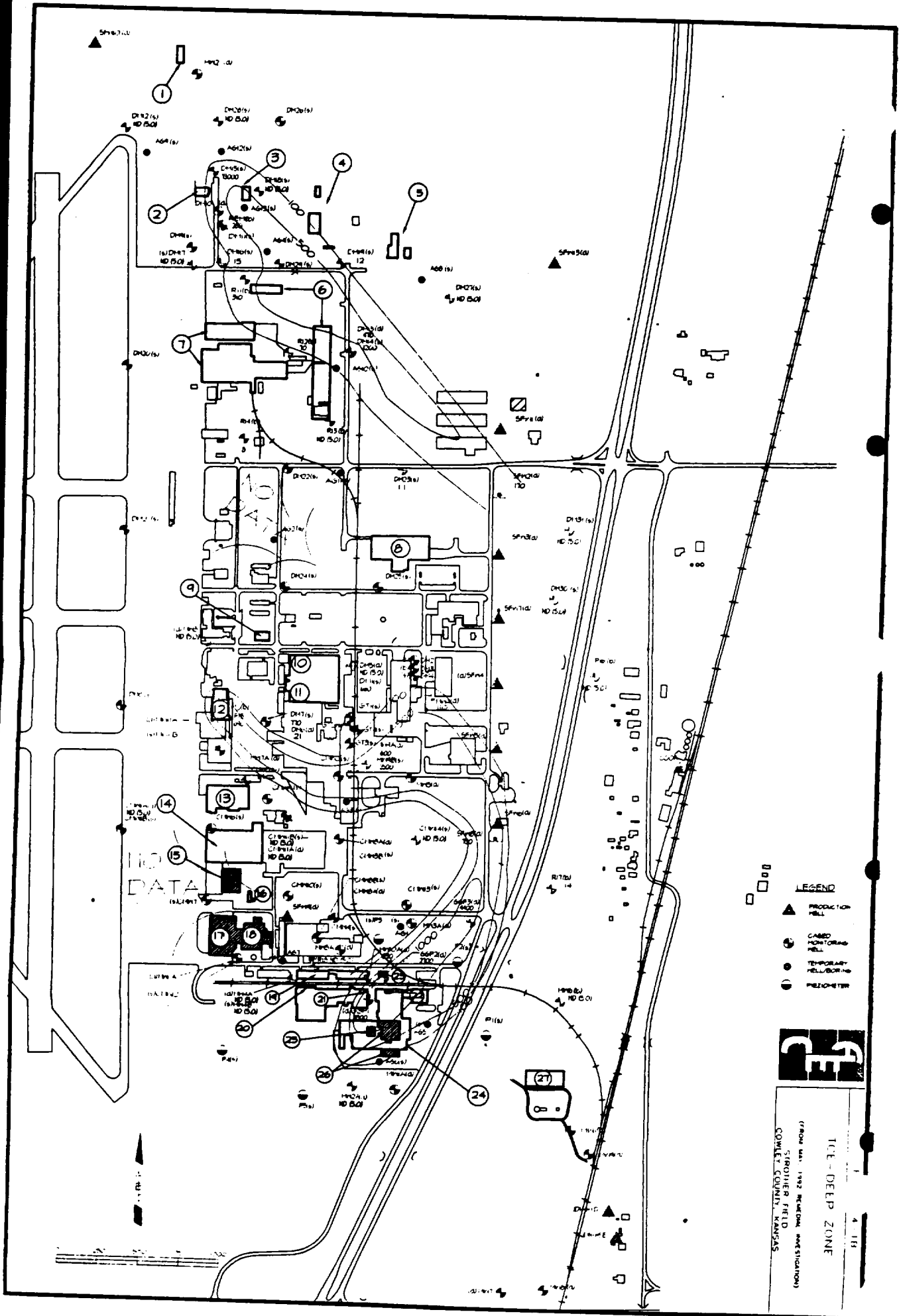


DECEMBER 1991 (SOUTH) WATERS
 ICE CONCENTRATIONS
 FROM JAN. 1987 (NATIONAL INVESTIGATION REPORT)
 STROTHFIELD
 COMBER COUNTY, KANSAS





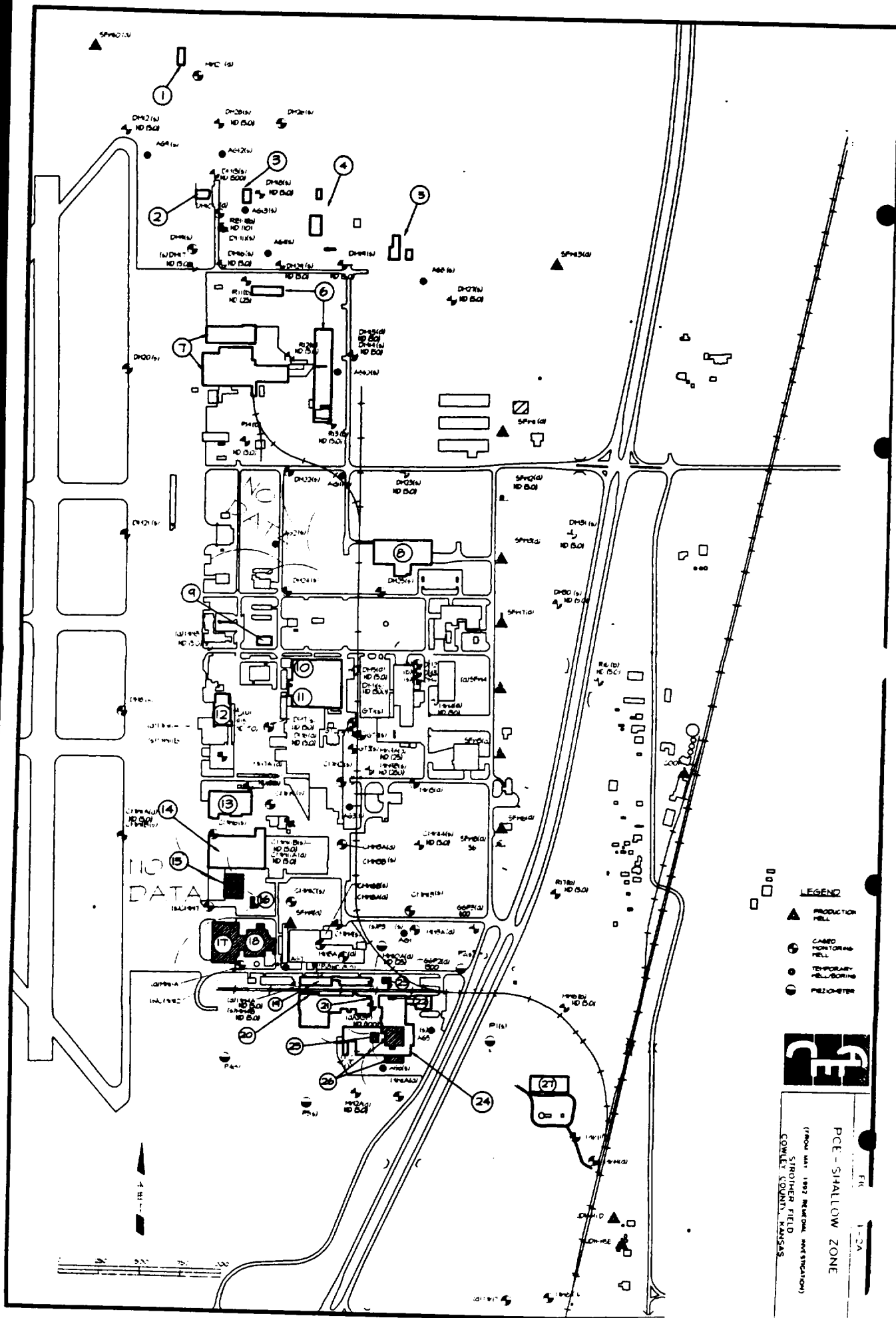




- LEGEND**
- ▲ PRODUCTION WELL
 - CASING MONITORING WELL
 - TEMPORARY WELL/BORING
 - PIEZOMETER



TCE - DEEP ZONE
 (FROM MAY 1982 REGIONAL INVESTIGATION)
 STROTHER FIELD
 COMBEL COUNTY, KANSAS

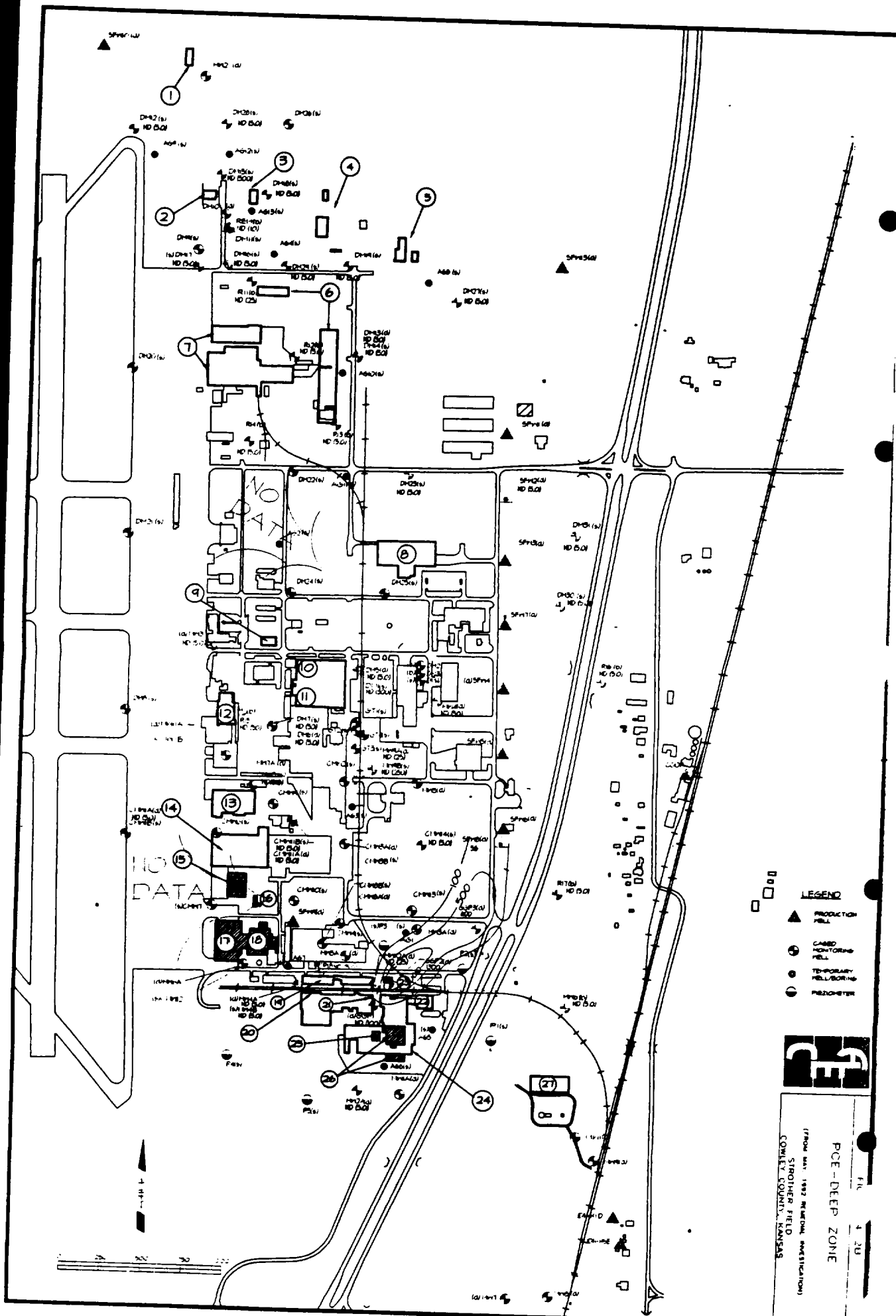


LEGEND

- ▲ PRODUCTION WELL
- CASING MONITORING WELL
- TEMPORARY WELLBORE
- ⊗ PIEZOMETER



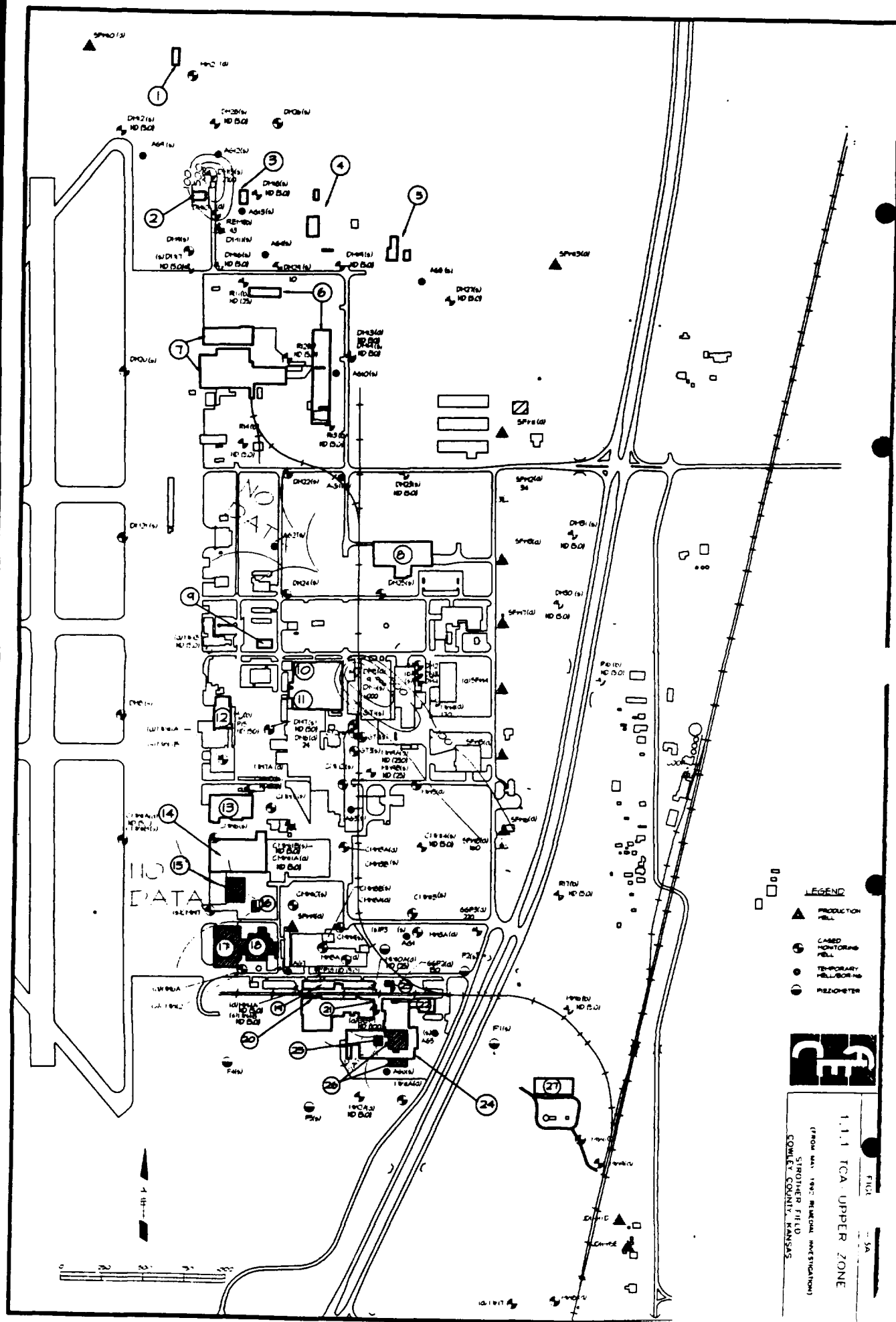
PCE - SHALLOW ZONE
 (FROM MAY 1982 INITIAL INVESTIGATION)
 STROTHER FIELD
 COMBEL COUNTY, KANSAS

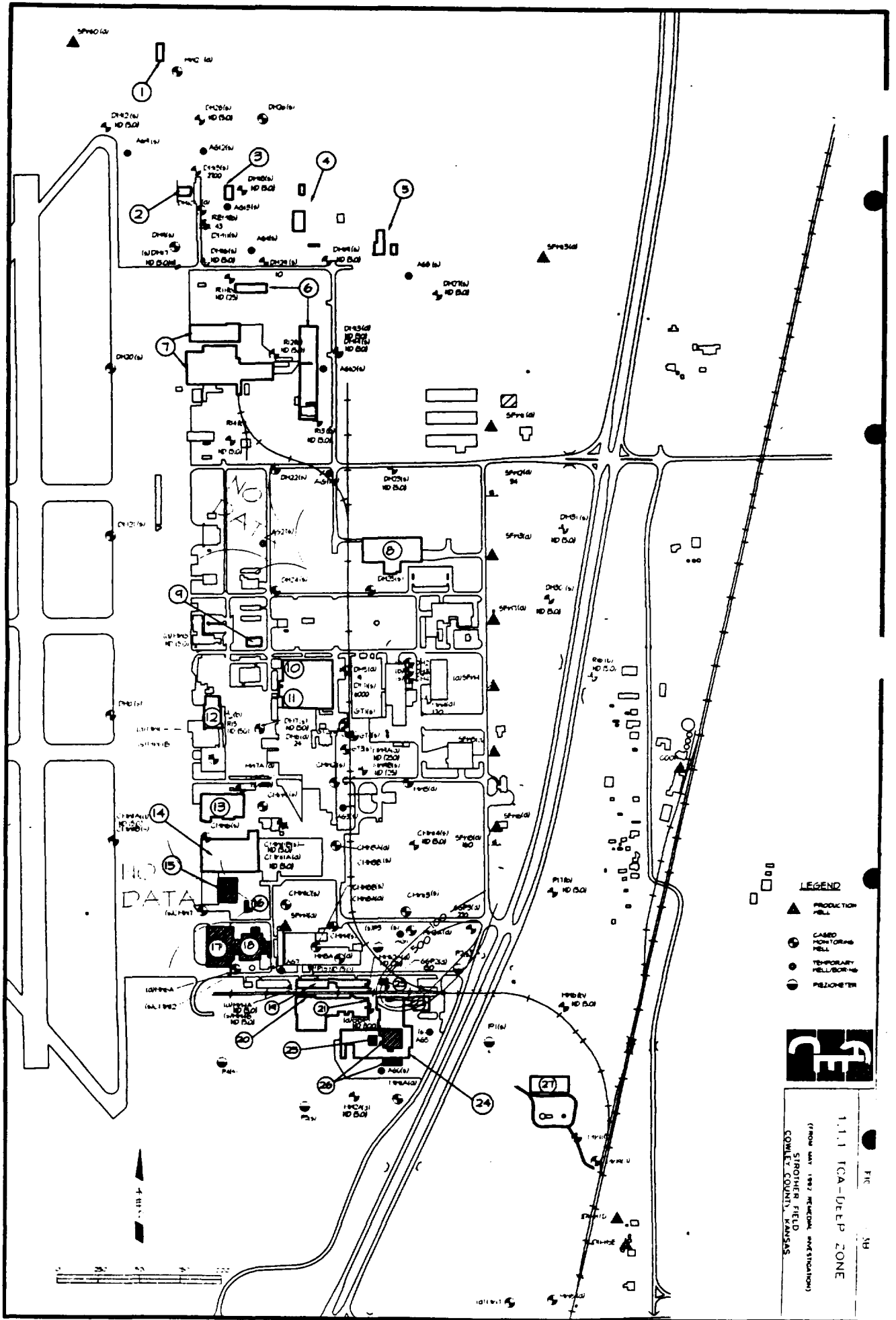


- LEGEND**
- ▲ PRODUCTION WELL
 - CLOSED MONITORING WELL
 - TEMPORARY WELL/BORING
 - ⊙ PIEZOMETER



PCE-DEEP ZONE
 (FROM MAY 1992 REMEDIAL INVESTIGATION)
 STROTHER FIELD
 COMANCHE COUNTY, KANSAS

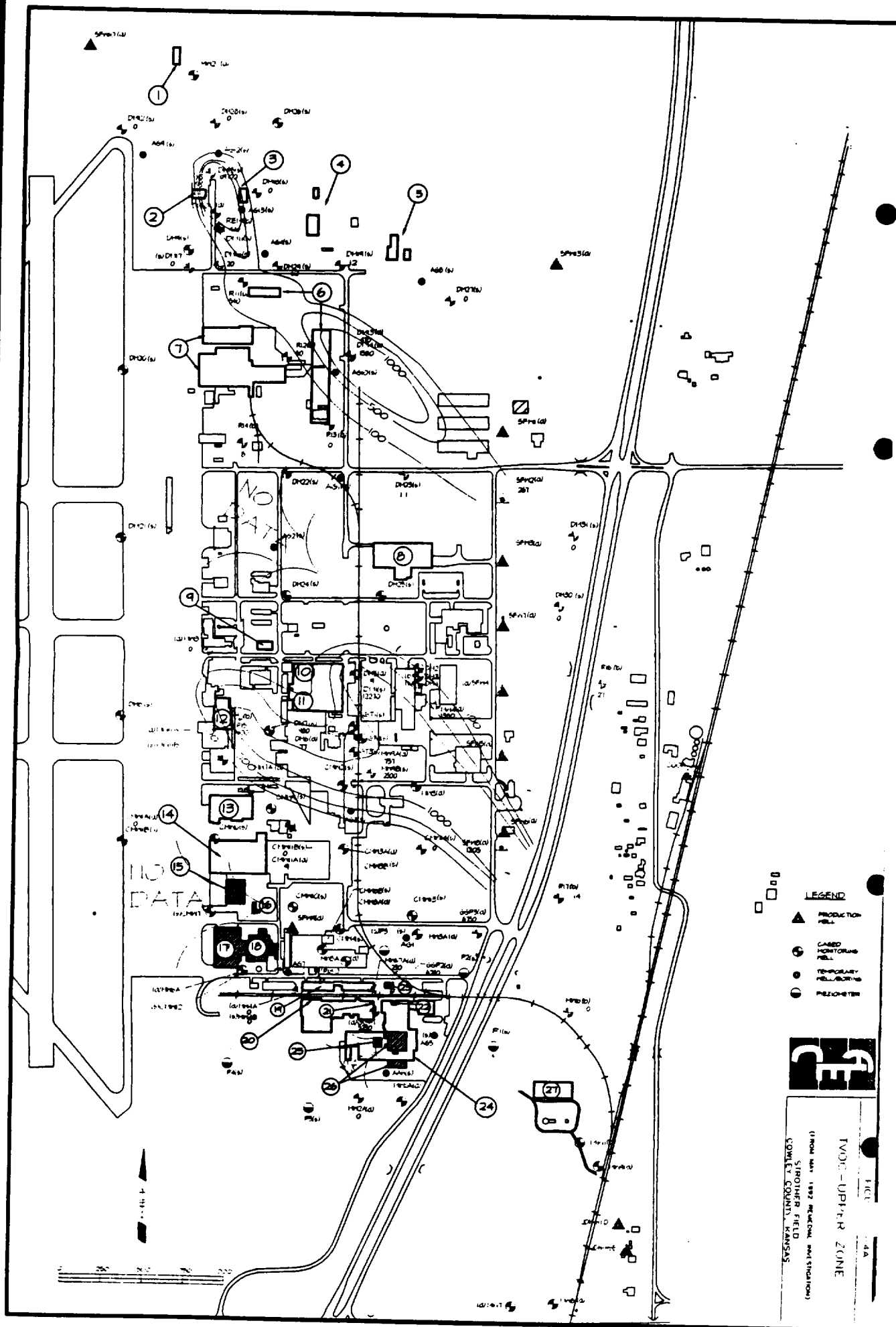




- LEGEND**
- ▲ PRODUCTION WELL
 - CASING MONITORING WELL
 - TEMPORARY WELLBORE
 - PIEZOMETER



1.1.1 TCA-DEEP ZONE
 (FROM MAY 1982 REGIONAL INVESTIGATION)
 STROTHER FIELD
 COMANCHE COUNTY, KANSAS



FILED
DATE
TWO - UPPER ZONE
(FROM MAY 1982 REGIONAL MAPS)
STROTHER FIELD
COMALE COUNTY, KANSAS

