

Phase 1

TARGETED BROWNFIELD ASSESSMENT

For The

PAULS VALLEY ARMORY

ASTM E 1527-05
Phase I Environmental Site Assessment
All Appropriate Inquiry

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7/07/11

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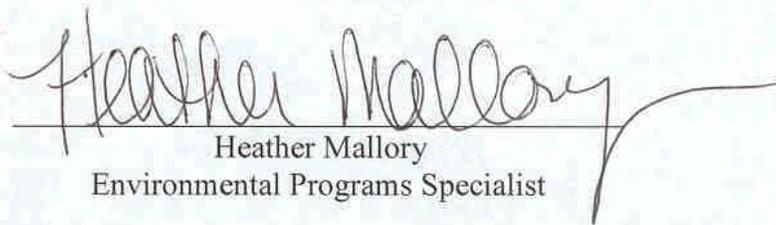
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I declare that to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of this part. I have specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed the all appropriate inquiry in conformance with the standards and practices set forth in 40 CFR Part 312.

Environmental Professionals in charge of the project:



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Background and Disclaimer: The purpose of an environmental site assessment is to identify actual or potential “recognized environmental conditions” that may result in liability or land use restrictions. The ASTM Phase I Environmental Site Assessment E 1527 – 05 is the minimum standard for environmental due diligence in the commercial real estate industry and meets the standard for All Appropriate Inquiry under the Small Business Liability Relief and Brownfield Revitalization Act of 2002. A diligent effort in accordance with generally accepted good commercial and customary standards and practices was undertaken to identify the “recognized environmental conditions” that might affect the redevelopment project. However, the identification of old hazardous waste sites is an evolving process; therefore, DEQ cannot state with absolute certainty that no other potential hazardous waste sites are located in the area. In no event shall the DEQ or its employees be liable for any damages, injury, loss, cost or expense whatsoever arising in connection with the use or reliance on the information contained in this report, except as otherwise provided by law.

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1.0 EXECUTIVE SUMMARY

This Phase I Targeted Brownfield Assessment of the Pauls Valley Armory was performed in accordance with the ASTM E 1527-05, a guide for conducting Environmental Site Assessments. Savannah Richards of the Oklahoma Department of Environmental Quality (DEQ) performed the site reconnaissance on 5/23/11.

The subject property is located in the City of Pauls Valley on lots 3 and 4 of Block 224 in Garvin County, Oklahoma. The legal description is SE SE SE NE of Section 7, Township 3 North, Range 1 East. The site's official address is 1001 North Ash Street, Pauls Valley, Oklahoma. The site is located northwest of the Wacker Park Senior Citizens Center and south of the former Pauls Valley Water Treatment Plant. According to the Oklahoma Military Department, the Armory was constructed in 1950.

A cursory summary of findings is provided below. However, details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- A fuel release was discovered when a 1,000-gallon steel underground storage tank (UST) was removed from southeast corner of the armory property on 9/24/97. The tank is named Btry A 1/160 FA (2505778), and was used by the OKARNG to store gasoline. At least one dime size hole was found in the south end of the tank. The amount of fuel released is unknown. A confirmed release was reported to the Oklahoma Corporation Commission on 10/2/97. In October 1997, four soil borings were drilled, four monitoring wells were installed, and soil and ground water samples were collected at the site. The groundwater analytical results were reported below laboratory detection limits. The low concentration of volatile chemicals found in the subsurface soils did not pose an unacceptable current or future health risk. Soil contamination is mentioned in more detail in Section 4.11. The Oklahoma Risk Based Corrective Action analysis submitted to the OCC in December 1997 found that only construction workers, currently and in the foreseeable future, could be exposed to vapors from impacted subsurface soil in the immediate area of the former UST excavation. Based on the sample results, the OCC considers the case to be "closed." However, the total petroleum hydrocarbons exceed DEQ Tier 1 Generic Cleanup levels for TPH²⁸ in soil in an industrial setting. Since the contaminated soil was not removed from the subject property, this is considered to be a recognized environmental condition (REC).
- Also during the site visit, potential asbestos containing materials were observed throughout the armory. In the east Classroom exposed yellowish brown mastic was observed on the floor where tile flooring was removed. The potential ACM is considered a recognized environmental condition (REC) and should be further investigated. Potential/suspect ACM insulated pipe was found throughout the armory in the following locations:
 - Closet at the north end of the hallway attached to wall and above ceiling tiles
 - FDC room on west side of hallway located above ceiling tiles

- NBC room on west side of hallway above ceiling tiles
 - Latrine #1 above ceiling tiles and latrine #2 attached to ceiling
 - Kitchen above water heater and furnace
 - Wall of drill floor room
 - Roofing material of drill floor room
- Also during the site visit, potential lead-based paint was observed on the interior and exterior of the armory. The presence of potential lead-based paint within the armory is considered to be a recognized environmental condition (REC) and should be further investigated. Potential lead-based paint was observed throughout the armory in the following locations:
 - Hallways and classrooms in the armory contained red and yellow paint details
 - Peeling cream colored paint on ceiling of Latrine #1
 - Peeling cream colored paint on ceiling of Storage Room
 - Peeling brown/tan paint on Drill Floor room garage doors
 - Peeling cream/tan paint on windows in the Shop/FMSC Motor Pool
 - Peeling and chipping red paint located above armory entrance (east side of building, outdoors)
 - Peeling yellow and tan outdoor paint on windows (south side of building)
 - During the site visit, a radiation sign was observed at the south end of the hallway on the door leading into the Drill Room Floor. During the site visit, none of the representatives from the County were aware of the radioactive materials that may have been stored at the site. The presence of this sign should be further investigated.
 - No National Priorities List (NPL) or delisted NPL sites, active Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) site listings, Resource Conservation and Recovery Act (RCRA) Corrective Action (CORRACTS) and non-CORRACTS Treatment, Storage, or Disposal (TSD) listings, Emergency Response Notification System (ERNS) list, State-equivalent NPL or CERCLIS lists, or State landfills and/or solid waste disposal sites were found on the subject property or within the ASTM minimum search radii. No archived CERCLIS site listings, RCRA generators, or Voluntary Cleanup Program (VCP) sites were found on the subject property or the minimum search radii. No Brownfield sites were found on the subject property and the minimum search radii either.
 - The Pauls Valley Armory does not contain an indoor firing range (IFR).

2.0 INTRODUCTION

The Oklahoma Department of Environmental Quality under a Brownfield Assistance Agreement (No. RP96681001-0)¹ with the U.S. Environmental Protection Agency (EPA) conducted a Targeted Brownfield Assessment of the Pauls Valley, Oklahoma National Guard Armory. The

subject property will be used by Garvin County in the future for the storage of documents and temporary office space. Property ownership was transferred to Garvin County on 1/19/11.

2.1 Purpose

The purpose of this assessment is to look at the environmental conditions within the target area and provide this information to the City of Pauls Valley to assist in its revitalization planning as well as meet the All Appropriate Inquiry requirement of the landowner liability protections under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)², better known as Superfund, as provided in the Small Business Relief and Brownfield Revitalization Act of 2002 (Public Law 107-118, Subtitle B)³. The purpose of a Phase I Environmental Site Assessment is to identify, to the extent feasible, recognized environmental conditions in connection with the target property through a systematic review of readily available information sources and a site reconnaissance. The Phase I will also be used to guide DEQ's cleanup efforts at the Armory.

DEQ is providing technical assistance to the project by evaluating the environmental condition of the property prior to the County acquiring the property. Funding for this assessment has been provided by the U.S. EPA.

2.2 Detailed Scope-of-Services

The DEQ examined the current use of the property and then identified the historical uses of the property to determine if recognized environmental conditions exist. The DEQ examined historical documents, governmental databases, oil and gas records, aerial photographs, Sanborn Fire Insurance Maps, conducted interviews, and a site reconnaissance of the area. A good faith effort was made to identify possible environmental conditions that might affect the revitalization of the property.

2.3 Significant Assumptions

History and knowledge of the subject property shows that the building was used as a National Guard Armory. According to the Oklahoma Military Department, the Armory was constructed in 1950. According to records supplied by Pauls Valley Historian Adrienne Grimmett, an open house for the Armory was held in November of 1956. There is evidence that the National Youth Administration building located directly south of the armory was used for housing equipment and offices for the company until construction of the Armory could be carried out. Since the building was constructed in the 1950s, the building is likely to contain ACM. The U.S. began banning the use of asbestos in most building materials in the 1970s due to studies confirming the harmful health effects caused by exposure to airborne asbestos. Pipe insulation and suspect mastic from floor tiles were observed in the building during the site reconnaissance conducted on May 23, 2011. The Armory building also most likely contains lead-based paint.

2.4 Limitations and Exceptions

The purpose of an environmental site assessment is to identify actual or potential “recognized environmental conditions” that may result in liability, land use restrictions, or cause delays in revitalization. The ASTM Phase I Environmental Site Assessment (E 1527 – 05)⁴ is the minimum standard for environmental due diligence in the commercial real estate industry and meets the standard for All Appropriate Inquiry under the Small Business Liability Relief and the Brownfield Revitalization Act of 2002. A diligent effort in accordance with generally accepted good commercial and customary standards and practices was undertaken to identify the “recognized environmental conditions” that might affect the revitalization project. However, the identification of old hazardous waste sites is an evolving process; therefore, DEQ cannot state with absolute certainty that no other potential hazardous waste sites are located in the area. This assessment was conducted under constraints of time, cost, and scope and reflects a limited investigation and evaluation. It reflects the normal degree of care and skill that is ordinarily exercised by environmental professionals conducting business in this or similar localities. In no event shall the DEQ or its employees be liable for any damages, injury, loss, cost or expense whatsoever arising in connection with the use or reliance on the information contained in this report, except as otherwise provided by law.

The information in this report is based on a review of governmental records, interviews with knowledgeable residents in the community, information provided by the City of Pauls Valley, the Oklahoma Military Department, and observations of the environmental professional. The result of this assessment, as written in this report, is valid as of the date of the report. The assessment does not include sampling of soil, groundwater, surface water, or air.

2.5 Special Terms and Conditions

This assessment report has been prepared for Garvin County by the DEQ using EPA funding. Information in this report will be provided to the EPA for its files. This report and the working file are public record and subject to the Oklahoma Open Records Act and the Federal Freedom of Information Act.

3.0 SITE CHARACTERIZATION AND HISTORY

3.1 Location and Legal Description

The subject property is located on 1001 North Ash Street, Pauls Valley, Oklahoma. According to the City of Pauls Valley Code Enforcement Office, the site is located on lots 3 and 4 of Block 224, in the City of Pauls Valley. The approximate legal location for the site is SE SE SE NE of Section 7, Township 3 North, Range 1 East. A site map of the property is provided in Appendix A of this report.

According to historic records obtained from Adrienne Grimmitt, Pauls Valley Historian, the heavy mortar company of the 179th Infantry Regiment of the 45th Division was moved

to Pauls Valley, February 4, 1949 and was scheduled to be activated soon with Harold Liles, Assistant Garvin County Farm Agent, becoming the company commander. This company was moved to Pauls Valley from Altus, Oklahoma. According to historic records, an open house for the Armory was held in November of 1956. Historic information about the armory can be found in Appendix E.

Records at the Garvin County Courthouse were searched to determine ownership and operational history of the subject property. See Appendix D for copies of these documents. Block 224 within the City of Pauls Valley was searched. The following records were located in the Garvin County Commissioners Office:

- **1/28/1907:** Land sold by Choctaw & Chickasaw Nations to Tom Grant, Executor of the Estate of J. Grant, Deceased, Lots 3,4,7,8, and 11 of Block 224
- **3/23/1909:** Warranty Deed, Tom Grant deeds land to the City of Pauls Valley, Lots 3, 4, 7, and 8 of Block 224
- **9/4/1922:** Release of Real Estate Mortgage, Pauls Valley Athletic Association & Pauls Valley Board of Education, 10 year lease contract, Lots 3, 4, 5, 6, 7, 8 of Block 224
- **1/11/1927:** Easement, City of Pauls Valley sells a small perpetual easement to the State of Oklahoma, a strip of land lying in Blocks 223 and 224
- **1/26/1946:** Oil and Gas Lease, Agreement made between the City of Pauls Valley and the Pecos Valley Alfalfa Mill Company, Lots 1 through 9 in Block 224
- **10/01/1949:** Warranty Deed, Between the Board of City Commissioners of the City of Pauls Valley and the State of Oklahoma acting as the trustee for the Oklahoma National Guard, Lots 3 and 4 of Block 224
- **10/01/1949:** Resolution, Pauls Valley City Commission granted a site for the armory to the State of Oklahoma as trustee for the Oklahoma National Guard, Lots 3 and 4 of Block 224
- **12/09/2010:** Quitclaim Deed, The State of Oklahoma acting by and through the Oklahoma Military Department quitclaims the property to Garvin County, Oklahoma, Lots 3 and 4 of Block 224

3.2 Site and Vicinity Characterization

The subject property is bordered on the south by a city-owned Works Progress Administration (known as the N.Y.A building) structure which was historically used as a cannery, community center, transportation offices, senior citizen and community activities, equipment storage and offices for the OKARNG in the 1950s, Delta Public Transit Offices, and as the Washita Valley Museum. The stone structure is approximately ninety years old. The subject property is bordered on the west by a small tributary of the Washita River, on the north by the former Pauls Valley Drinking Water Treatment Plant, and on the east by the Pauls Valley Senior Citizens Center and Wacker Park.

A USGS topographical map indicated that the surface elevation of the subject property is approximately 872 feet above mean sea level (msl). It appears as if the area around the

subject property is relatively flat and low lying. According to the U.S. Geological Survey 7.5' Quadrangle topographical map⁵ of Pauls Valley, local drainage appears to be to the North and slightly Northwest due to the elevation of the river being 870 feet msl and the area to the south of the armory being 880 feet msl and the area to the East and Southeast of the armory being 875 feet msl (the 875 foot line can be seen running through town). Regional drainage appears to be to the Southeast. A tributary of the Washita River is approximately 350 feet west of the Armory. The topographical map can be found in Appendix A.

3.3 Description of Structures, Roads, and Other Improvements

The structure of the Armory is in good condition. The roof of the main building and Drill Floor are both in good condition. A portion of the roof of the Shop/FMSC Motorpool is damaged and leaks, as seen in site visit photos located in Appendix C.

Roads surrounding the Armory are in good condition. All roads are constructed of cement. The vehicle compound behind the Armory consists of gravel and weeds. The interior of the armory was clean and in fairly good condition. The vegetation around the armory property was mowed. Adjacent properties, which consist of Wacker Park (east), the National Youth Administration (NYA) Building (south), and the Pauls Valley former drinking water treatment plant (north) are in good condition. The adjacent property to the west consists of a small tributary of the Washita River, which was heavily vegetated.

3.4 Owner, Property Manager, and Occupant Information

The subject property has been owned by Garvin County since December 2010. The DEQ Site Cleanup Assistance Program (SCAP) is in charge of identifying environmental hazards and conducting the cleanup of the Armory.

3.5 Information Reported by User Regarding Environmental Lien or Specialized Knowledge or Experience

Barry Waldrop, an Armory representative formerly involved in facility maintenance at the Pauls Valley Armory, reported no knowledge of environmental liens on the subject property.

3.6 Commonly Known or Reasonably Ascertainable Information

Barry Waldrop, one of the people formerly in charge of facility maintenance at the Pauls Valley armory, did not have any commonly known or reasonably ascertainable information within the local community about possible environmental conditions on the property. However, local historian, Adrienne Grimmett, was aware of the removal of one underground storage tank at the armory. Most information concerning the history of adjacent properties was obtained from Adrienne Grimmett and the City of Pauls Valley Code Enforcement Officer, J.R. Giboney.

3.7 Valuation Reduction for Environmental Issues

Valuation of the property is outside the scope of this assessment. A professional appraiser should be consulted to place a value on the property.

3.8 Current Use of the Property

Currently, the Armory is vacant and being utilized by the owner, Garvin County, only for the storage of several trailers in the Drill Floor. According to Garvin County officials, the site will be used to store County documents and potentially house temporary offices during the renovation of the Garvin County Courthouse.

3.9 Past Use of the Property

3.9.1 Review of Aerial Photographs

Historic aerial photographs were searched to view the changes to the property over time. Aerial photographs from 1940, 1956, 1995, 2003, and 2008 were obtained. The earliest aerial photograph on record for the subject property was taken in 1940. This photograph was obtained from the Oklahoma Department of Libraries⁶. The 1956 aerial was obtained from ODEQ's Central Records Office. The 1995, 2003, 2008, and 2010 aerial photographs were obtained from the DEQ Data Viewer⁷. These aerial photographs are located in Appendix A. The following represents a summary of what was found at the subject property from each photograph.

1940 aerial photograph

The Pauls Valley Armory was constructed in 1950, thus it is not present in the 1940 aerial photograph. The adjacent property to the north of the armory site housed the Pauls Valley Water Treatment Plant. In 1940, there were two buildings near the future armory site. The building located directly south of the armory site (t-shaped building) was built in the 1930s by the Works Progress Administration (this building remains standing today). It is referred to as the N.Y.A. Building (National Youth Administration). The use of the building located to the west of the armory site is currently unknown, and does not exist in the 1956 aerial photograph. The property adjacent to the armory site to the west consists of a tributary of the Washita River and an open field west of the river. The adjacent properties to the northeast were residential.

1956 aerial photograph

The armory building is first present in the 1956 aerial photograph. The elongated rectangular building that can be seen west of the armory site in the 1940 aerial photo is no longer present in the 1956 aerial. In the mid-1940s, Wacker Park was established to the east of the armory site. The initial development of Wacker Park is visible in the 1956 aerial photograph when compared to the 1940 aerial. The

N.Y.A. Building remains south of the armory, and the Pauls Valley Drinking Water Treatment plant remains the northern adjacent property.

1995 aerial photograph

In the 1995 aerial, Wacker Park contains several structures such as public restrooms, a pavilion, barns, football stadium, and gym. The adjacent property to the north of the armory remained the same as the Pauls Valley Water Treatment Plant. The adjacent property to the west is a tributary of the Washita River and west of the river is a pasture (potentially used for agriculture). The adjacent property to the south remains the same as the N.Y.A. Building.

2003 aerial photograph

The 2003 aerial photograph appears to have no change from the 1995 photograph except for several additions and upgrades to the Wacker Park facilities.

2008 aerial photograph

No changes appear between 2003 and 2008 aerial photographs except for the construction of the Senior Citizens Center to the south east of the armory. In 2003, the site consisted of a construction site, and in 2008 the building is visibly completed.

2010 aerial photograph

The only difference between the 2008 and 2010 aerial photo is that the 2010 aerial includes additional improvements to Wacker Park such as the construction of a new recreation center.

3.9.2 Fire Insurance Maps

Sanborn Fire Insurance Maps were viewed from the Oklahoma Department of Libraries website⁸. No maps indicate the location of the armory, as it was constructed after the last Sanborn map available, dated 1942. The armory was constructed in 1949. However, the adjacent property to the north, the former Pauls Valley Drinking Water Treatment Plant, can be found on Sanborn Maps dating back to 1903. Sanborn maps from 1903, 1909, 1914, 1923, and 1930 can be found in Appendix A.

3.10 Current and Past Uses of Adjoining Properties

The adjoining property to the north of the armory is the former site of the Pauls Valley Drinking Water Treatment Plant. Evidence of the Drinking Water Treatment Plant location dates back to the December 1903 Sanborn Map. In September of 2010, the plant was shut down and relocated approximately 0.12 miles south to 916 N. Hill Street in Pauls Valley. The adjacent property to the south contains a building that was constructed in the 1930s by the Works Progress Administration. Pauls Valley community members refer to the building as the N.Y.A. Building (National Youth Administration). This property is part of Wacker Park, and is owned by the City of Pauls Valley. According to Pauls Valley Historian, Adrienne Grimmer⁹, in the 1930s the building was used for many

purposes such as a cannery and dance hall, and was later turned into a community center complete with a small auditorium and ceramics workshop. During 1949, the N.Y.A. Building was used for housing equipment and offices for the Oklahoma Army National Guard until the construction of the armory could be completed. The building has since housed such uses as the Washita Valley Museum, as well as offices for Delta Public Transit, a rural public transit service funded by the Oklahoma Department of Transportation. According to a phone interview with J.R. Giboney with the City of Pauls Valley Code Enforcement Office¹⁰, the building is currently not being used, except for occasional Washita Valley Museum and community purposes. The adjoining property to the east was platted as residential before the 1940s. In the mid 1940s, Pauls Valley residents began purchasing individual lots in order to create Wacker Park. Since the 1940s, amenities within Wacker Park have expanded rapidly, and the site now contains several recreational structures such as a pavilion, playground, football stadium, and basketball gym. The adjacent property to the west contains a small tributary of the Washita River and west of the tributary is a vacant field which has historically been used for agricultural purposes. According to a review of historic aerial photos, the adjacent property to the west has never changed uses or contained any structures. According to the Pauls Valley Code Enforcement Office, the land west of the small tributary is often referred to as a slough, or swamp-like area. Photos of adjacent properties can be located in Appendix C.

3.11 Environmental (Physical) Setting

DEQ reviewed several sources to obtain information on the physical setting of the subject property and its surrounding areas. These sources include: The United States Department of Agriculture Garvin County Soil Survey, United States and Oklahoma Geological Survey, and the Federal Emergency Management Association. The purpose of reviewing the physical setting of the area is to evaluate the sensitivity of the hydrogeology to potential contamination from sources either on or near the site.

3.11.1 Surface Water Characteristics

The elevation at the Pauls Valley Armory is approximately 872 feet msl, and the subject property is relatively flat. According to the USGS 7.5' Quadrangle Topographical Map⁵ of Pauls Valley found in Appendix A, immediate drainage surrounding the armory appears to be to the west toward the small tributary directly behind the armory. Since a small tributary of the Washita River is located very close to the west side of the armory, it is important to note that proximate sections of the Washita River are in the Draft 2010 303(d) list of impaired water bodies (lead and turbidity) for the State of Oklahoma. This designation impairs the use of fish consumption and the warm water aquatic community.

According to the Federal Emergency Management Agency (FEMA)¹¹, the subject property is located adjacent to a special flood hazard area caused by the Washita River. This area is a Zone AE. According to the FEMA website, Zone AE is

within an area that could be inundated by a 100 year flood. Zone AE has a determined base flood elevation. The armory structure lies directly east of the flood boundary line. The armory, as well as the adjacent properties to the north, south, and east are outside of the flood hazard area. A map of this information is located in Appendix A.

3.11.2 Soil Characterization

According to the Soil Survey of Garvin County, Oklahoma¹², the site consists of the Keokuk silt loam with 0 to 1 percent slopes. This deep, well-drained soil has a high available water capacity. Permeability is moderate, and subsurface runoff is slow. This soil is located on flood plains that are rarely flooded. The surface layer is a dark brown silt loam and is approximately 8 inches deep. The preceding layer is a reddish brown silt loam and is approximately 16 inches deep. The subsoil is red silt loam that extends to a depth of 48 inches. The underlying material is red, stratified very fine sandy loam to a depth of more than 80 inches. Most properties of this soil are favorable for building sites although this soil is subject to rare flooding.

3.11.3 Subsurface Geological & Groundwater Characteristics

According to the Oklahoma Geologic Survey (Hydrologic Atlas 3 of the Ardmore and Sherman Quadrangles in Southern Oklahoma)¹³, the underlying geology is composed of alluvium and terrace deposits of the Quaternary Age. The deposits are composed of gravel, sand, silt, and clay and include low terraces with a thickness about 25 to 100 feet. These deposits yield moderate to large amounts of water of poor to good quality along major rivers.

The bedrock geology consists of bedrock from the Pennsylvanian, Upper Pennsylvanian period. It contains red-brown to gray Oscar Group Shale containing arkosic sandstone and limestone conglomerates near Arbuckle Mountains, Hart limestone at the base with a thickness of 300 to 500 feet, decreasing southeastward. This formation yields small to moderate amounts of water of poor to fair quality.

Availability of Groundwater

According to the Oklahoma Geologic Survey (Hydrologic Atlas 3 of the Ardmore and Sherman Quadrangles in Southern Oklahoma) Alluvium and terrace deposits along the Washita River may be as thick as 85 feet and commonly have basal gravel. The largest reported yield is 1,200 gpm (gallons per minute) near Pauls Valley, Garvin County. Wells upstream from Pauls Valley generally yield 50 to 200 gpm, and wells downstream yield 10 to 100 gpm.

Chemical Quality of Ground Water

The chemical quality of the water is generally fair to good. This area is underlain by alluvium and terrace deposits along the Washita and Red Rivers and by the

rocks Cretaceous age in the southeastern part of the area. Analyses of water samples show the dissolved-solids content of much of the water to range from 500 to 1,000 mg/l. Water from the area adjacent to the Washita and Red Rivers is of the calcium magnesium bicarbonate type, and water from the aquifers of Cretaceous age is generally of the sodium bicarbonate type. Water usually is suitable for most municipal and irrigation uses; however, because of the sodium content of water from the aquifers of Cretaceous age some application management may be necessary where this water is used to irrigate tight clayey soils.

In November 1997, Caldwell Environmental installed four groundwater monitoring wells on the site as part of the Oklahoma Risk Based Corrective Action Tier 1/1A Report (ORBCA). As part of this process they determined ground water flow direction as well as groundwater elevations. The direction of ground water flow is to the northeast. The groundwater elevation was measured on 11/6/1997 at each of the four monitoring well locations: Well #1: 86.25 ft, Well #2: 86.23 ft, Well #3 86.19 ft, Well #4: 86.16 ft. The Ground Water Gradient Map can be found in Appendix B within the ORBCA Report.

3.11.4 Air Characteristics

No air emissions or odors were noticed at the subject property or the adjoining properties during the site visit. The DEQ Data Viewer's⁷ Air Quality layers were searched for air quality permitted facilities. Two air quality permitted facilities were located near the Pauls Valley Armory. Pauls Valley Tank Station (Facility ID 890) is located 0.24 miles northwest of the armory and its status is idle/seasonal. The Pauls Valley Tank Station (Facility ID 104) is located 0.44 miles southwest of the armory and its status is operational.

4.0 RECORDS REVIEW

A regulatory database search was conducted by the DEQ. This search included, at a minimum, those records and distances from the site dictated as appropriate in the ASTM standard. The DEQ performed a review of available federal and state databases to assess whether the subject property or proximate properties were listed as having environmental concerns, which could have an adverse impact on the subject property. The following provides a summary of the databases reviewed. Supporting documents from this section can be found in Appendix B.

4.1 Federal National Priorities List (NPL)

The EPA database¹⁴ was searched for NPL sites near the subject property within the ASTM's recommended search radius of one mile. The subject property is not a listed NPL site. There are no NPL sites reported within a one-mile radius of the subject property.

There is also an EPA database¹⁵ for delisted NPL sites, which ASTM requires to be reported within ½ mile of the subject property. No delisted NPL sites are within the ½ mile search radius.

4.2 Federal CERCLIS List

The EPA database for Comprehensive Environmental Response, Compensation and Liability Act Information System (CERCLIS)¹⁶ was searched for active and archived CERCLIS sites on and near the subject property. The ASTM's recommended search radius of the subject property for both active and archived CERCLIS sites is ½ mile. No active or archived CERCLIS sites were found within ½ mile of the subject property.

4.3 Federal RCRA CORRACTs List

The EPA database¹⁷ for Resource Conservation and Recovery Act (RCRA) facilities subject to corrective action was searched within the ASTM's required minimum distance of one mile of the subject property. There are no RCRA CORRACT facilities within the one-mile radius of the subject property.

4.4 Federal RCRA non-CORRACTS TSD List

The EPA database^{17 & 18} for RCRA facilities not subject to corrective action was searched within the ASTM's required minimum distance of ½ mile of the subject property. No RCRA non-CORRACT Treatment, Storage and Disposal (TSD) sites are within the ½ mile radius of the subject property.

4.5 Federal RCRA Generators List

The EPA RCRA Notifiers database¹⁹ was searched for RCRA generators within the ASTM's required minimum search distance of the subject property. The minimum distance is the property and adjoining properties. The subject property did not have any RCRA Notifiers or generators. There are no RCRA Notifier facilities on any of the adjacent properties.

4.6 Federal ERNS List

The Emergency Response Notification system (ERNS)²⁰ maintained by the National Response Center was searched for any hazardous substance releases or spills within the subject property. ASTM requires a minimum search distance of the property only when identifying ERNS cases. No ERNS sites were reported within the property or the adjoining properties.

4.7 Federal Institutional Control/Engineering Control Registries

There are no known Federal Institutional Controls/Engineering Controls on the subject property according to the representatives of the subject property.

4.8 State-Equivalent NPL

DEQ does not have a State-equivalent NPL database. Oklahoma does not have a State Superfund law to establish a State-equivalent NPL database.

4.9 State-Equivalent CERCLIS

DEQ does not have a State-equivalent CERCLIS database.

4.10 State Landfill and / or Solid Waste Disposal Sites

DEQ regulates landfills and solid waste disposal sites across the State of Oklahoma. State landfills and solid waste disposal facilities were searched in the DEQ database²¹ within the ASTM required minimum distance ½ mile from the subject property. No permitted landfills or solid waste disposal facilities are located within the search distance of the subject property.

4.11 State Leaking UST List

The Oklahoma Water Resources Board's Custom Map Viewer²² was searched to locate any known leaking underground storage tanks (LUSTs) sites located within the ASTM's minimum search distance of a ½ mile of the subject property. One LUST site is listed within the ½ mile radius. The OWRB map can be found in Appendix B.

According to the OWRB Map Viewer, the Pauls Valley Armory site contained one leaking underground storage tank. The tank was located at the southeast corner of the armory building and was used to store gasoline. According to the OWRB database, the UST was installed on 12/31/1952 and was last used in 1982. A fuel release was discovered when a 1,000-gallon steel UST was removed from the site on 9/24/97 by Caldwell Environmental, Inc. At least one dime sized hole was found in the south end of the tank. According to the October 1997 Initial Response and Initial Abatement Report prepared by Caldwell Environmental (found in Appendix B), two samples of native soil were collected from the UST excavation site, sample A and B. Sample A was collected approximately 5 feet below the north end of the UST and sample B was collected approximately 6 feet below the south end of the UST. The analytical results were received by Caldwell Environmental, Inc. on October 2, 1997.

Native Soil Sample Analytical Results (mg/kg)

Parameter	<u>Sample A</u> – Below north end of UST, 11 feet BGS	<u>Sample B</u> – Below south end of UST, 10 feet BSG	OCC native soil Action Level
Benzene	<2.0	<2.0	0.5
Toluene	2.0	84.0	40.0
Ethylbenzene	19.0	46.0	15.0
Xylenes	142.0	274.0	200.0
Naphthalene	22.6	11.9	None

TPH Volatile	1,980	1,670	50.0
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< Denotes sample results are less than laboratory's detection limits

The ethylbenzene (19 mg/kg) and TPH (1,980 mg/kg) levels were reported above the Oklahoma Corporation Commission action levels in Sample A. Ethylbenzene (46 mg/kg), toluene (84 mg/kg), xylenes (274 mg/kg), and volatile TPH (1,670 mg/kg) were reported above OCC action levels in Sample B. The actual results can be found in the October 1997 Initial Response and Initial Abatement Report prepared by Caldwell Environmental for the Oklahoma Military Department, which is located in Appendix B. A confirmed petroleum release was reported to the Oklahoma Corporation Commission by Caldwell Environmental Associates, Inc. on 10/3/97. The Oklahoma Risk Based Corrective Action Tier 1/1A report analysis also conducted by Caldwell Environmental found that only construction workers, currently and in the foreseeable future, could potentially be exposed to vapors from impacted subsurface soil in the immediate area of the former UST.

Four groundwater monitoring wells were installed on site on November 6, 1997. The wells were sampled on the same date. The ground water analytical results were reported below laboratory detection limits. The results can be found in the October 2000 Final Closure Report prepared by Caldwell Environmental for the Oklahoma Military Department which is located in Appendix B.

According to the OWRB map data, the tank status is "permanently out of use" and the case status is "closed." The tank ID number is 2505778. The excavated UST was taken to Washita Pipe & Steel in Chickasha, Oklahoma to be recycled. A certificate of destruction can be found in the November 1997 UST Closure Report prepared by Caldwell Environmental, Inc. for the Oklahoma Military Department.

4.12 State Registered UST Sites

The Oklahoma Corporation Commission Petroleum Storage Tank Public Terminal Database²³ was searched to locate registered USTs located within the ASTM's minimum search distance of the subject property and its adjoining properties. The Pauls Valley Armory owned and operated one 1,000 gallon steel, single-walled underground storage tank which was installed on 12/31/1952. The tank contained gasoline. The UST by the name of "Brtry A 1/160 Fa" with the Tank Identification number of 2505778 was located at the southeast corner of the armory building and has been out of service since 1982. On September 24, 1997, the UST was removed and destroyed on site by Caldwell Environmental Associates, Inc. According to the OWRB map data, the tank status is "permanently out of use" and the case status is "closed." The tank ID number is 2505778.

Also according to the OCC Database, three additional tanks were located near the Pauls Valley Armory. A gas station named "Oklahoma Outpost" owned by EZ Serve, Inc. had three single-walled steel USTs installed on 3/5/1981. The tanks were for retail use.

Two of the tanks contained gasoline and the third contained diesel. Tank #1 is 10,000 gallons, Tank #2 is 8,000 gallons, and Tank #3 is 6,000 gallons. The tank ID number is 2500697. The three USTs were removed on 6/21/1994 by DETSCO, Inc. Four soil

samples were taken at the time of removal and the OCC determined that the facility did not exceed OCC action levels. The facility is considered “closed” by the OCC.

4.13 State Institutional Control/Engineering Control Registries

The DEQ institutional control database map was searched to indicate if the site has any institutional controls. There are no known State Institutional Controls/Engineering Controls in effect for this property.

4.14 State Voluntary Cleanup Sites

The DEQ Voluntary Cleanup Program (VCP) database²⁴ and the DEQ Dataviewer⁷ were searched for VCP sites within the required ASTM search distance of ½ mile of the subject property. No VCP sites are located on or within ½ mile of the Pauls Valley Armory. Map located in Appendix B.

4.15 State Brownfield Sites

The DEQ Brownfield Public Record database²⁵ was searched for Brownfield sites within the required ASTM search distance of ½ mile of the subject property. No Brownfield sites are located on or within ½ mile of the Pauls Valley Armory.

4.16 Oil and Gas Records

DEQ determined that the subject property has the legal description of SE SE SE NE of Section 7, Township 3 North, Range 1 East. DEQ performed a search of oil and gas records using the Oklahoma Corporation Commission’s Oil & Gas Web Applications website²⁶. Sections 7 and 8 in Garvin County were searched since the armory site is located very close to the border of the two Sections. DEQ also searched Garvin County land records at the Garvin County Clerk’s Office. Records are located in Appendix B. The results of the search are listed below:

Section 7, Township 3 North, Range 1 East

1. **Well Name:** Fee, **Company Operating:** Pecos Valley Alfalfa Mill Co., **Status:** Active & Probably Producing (dryhole), Drilling Finished on 2/18/46, An oil and gas lease dated 1/26/1946 between the City of Pauls Valley and Pecos Valley Alfalfa Mill Co. was found in the Garvin County Clerk’s Office for Lots 1 through 9 of Block 224 (the Pauls Valley Armory is located on Lots 3 and 4 of Block 224)
2. **Well Name:** Butler, **Company Operating:** Mid-Continent Petroleum Corporation, **Status:** Plugged & Abandoned (dryhole), Drilling Finished on 1/21/36, Plugged on 1/22/36
3. **Well Name:** Butler, **Company Operating:** Keith F. Walker, **Status:** Plugged & Abandoned (dryhole), Drilling Finished on 1/11/74, Plugged on 1/12/74
4. **Well Name:** Butler #2, **Company Operating:** Westheimer-Neustadt Corp., **Status:** Plugged & Abandoned (dryhole), Drilling Finished on 9/9/74, Plugged on 12/3/74

5. **Well Name:** Trahern, **Company Operating:** Heartland Exploration Inc., **Status:** Plugged & Abandoned (oil), **Drilling Finished on** 11/7/80, **Plugged on** 11/13/84

Section 8, Township 3 North, Range 1 East

- **Well Name:** Thompson, **Company Operating:** Wm. J. O'Connor, **Status:** Plugged & Abandoned (dryhole), **Drilling Finished on** 4/15/76, **Plugged on** 4/15/76

5.0 SITE RECONNAISSANCE AND INTERVIEWS

5.1 Methodology and Limiting Conditions

A site reconnaissance of the subject property, located at 1001 North Ash Street, was performed on 5/23/2011. Savannah Richards and John Reid of the ODEQ met Bud Ramming, Garvin County Emergency Management Director; John Mann, Garvin County Commissioner; and Kenneth Holden, Garvin County Commissioner at the property. Sergeant Barry Waldrop, who previously worked at the armory, was scheduled to be present at the site visit; however, he was absent. He was interviewed at a later date via email and phone²⁷. The interview form can be found in Appendix C.

Mr. Ramming and Mr. Mann introduced Savannah Richards and John Reid to the site and answered questions to the best of their knowledge. Mr. Ramming led Richards and Reid inside the building and gave his knowledge regarding the former use of the building and property and past activities that occurred onsite. All areas of the building were observed noting any environmental conditions that might need additional investigation. The outside area of the subject property was examined thoroughly for observations that might need additional investigation.

5.2 General Site conditions

The Pauls Valley Armory was constructed in 1950. The building was empty with the exception of several County Vehicles that were being stored in the Drill Floor room. The armory is in fairly good condition with the exception of the roof of the Shop/FMSC Motorpool room, which is leaking. The following are general site conditions that were investigated on the subject property.

Aboveground Storage Tanks (ASTs)

No ASTs are on the subject property or adjacent properties.

Landfills and/or Dumping

No landfills, dumping, or disturbed soil was found on the subject property.

Impoundments

No impoundments are on the subject property and the adjacent properties. The adjacent property to the north is the former drinking water treatment plant for the City of Pauls

Valley. During the site visit, the interior former plant was not accessible due to the presence of a security gate. There may be impoundments on this adjacent property.

Monitoring Wells

No monitoring wells are currently present on the subject property or adjacent properties. However, in October 1997, four soil borings were drilled on the armory property, and four monitoring wells were installed. All groundwater analytical results were reported below laboratory detection limits. The wells were properly plugged according to OWRB regulations on 9/19/00. According to the Oklahoma Water Resources Board Custom Map Viewer²², there are eight monitoring wells within ½ mile of the Pauls Valley Armory located within Sections 7 and 8, Township 3 North, Range 1 East. The armory is located very close to the boundary line of the two sections. All the wells within a ½ mile of the armory are located south of the Armory.

Section 8, Township 3 North, Range 1 East:

1. Well owner: Pauls Valley Schools, Well ID: 65444, Use of Well: site assessment, Date well or boring was completed: 7/9/99, Hole diameter 8.75 in to a depth of 15 ft
2. Well owner: Pauls Valley Schools, Well ID: 65445, Use of Well: site assessment, Date well or boring was completed: 7/9/99, Hole diameter 8.75 in to a depth of 15 ft
3. Well owner: Phillips 66, Well ID: 74893, Use of Well: Water Quality, Date well or boring was completed: 10/2/02, Hole diameter 8.25 in to a depth of 20 ft
4. Well owner: Pauls Valley Schools, Well ID: 48057, Use of Well: Water Quality, Date well or boring was completed: 5/11/99, Hole diameter of 2.5 in to a depth of 26 ft
5. Well owner: Pauls Valley Schools, Well ID: 48059, Use of Well: Water Quality, Date well or boring was installed: 5/11/99, Hole diameter 2.5 in to a depth of 26 ft
6. Well owner: Pauls Valley Public Schools, Well ID: 52173, Use of Well: Water Quality, Date well or boring was completed: 5/10/00, Hole diameter 7.75 in to 22 ft
7. Well owner: Pauls Valley Public Schools, Well ID: 52174, Use of Well: Water Quality, Date well or boring was completed: 5/10/00, Hole diameter 7.75 in to a depth of 23 ft

Section 7, Township 3 North, Range 1 East:

1. Well Owner: Oklahoma National Guard, Well ID: 65327, Date well or boring was completed: 11/6/97, Use of well: Site Assessment, Hole diameter 6.5 in to a depth of 14 ft

Disturbed and Stained Soils

No disturbed and/or stained soils were observed at the subject property. There was no stressed vegetation of concern.

Seeps

No seeps of any kind were observed at the subject property.

Chemical Spills

No chemical spills were observed at the subject property at the time of the site visit.

Farm Waste

No farm waste was observed at the subject property.

Known Pesticide Misapplication

No evidence of pesticide misapplications were detected during the site visit.

Discharges and Runoff from Adjacent Property Affecting the Site

No discharges and/or runoff were observed from any of the adjacent properties that would affect the subject property at the time of the site visit. However, the adjacent property to the west of the armory is a small tributary of the Washita River. The small water body is located approximately 350 feet west of the armory. There was no visible water in the creek at the time of the site visit, although the creek bed was heavily vegetated. There were small berms constructed near the banks of the creek (west side of the armory) to prevent flooding in the direction of the Armory.

Petroleum Products

No petroleum products were located inside the Armory or on the premises of the subject property at the time of the site visit.

Asbestos

Since many of the State armories were built before the 1970s, there is a high potential of finding asbestos containing material (ACM) in the armory buildings. The U.S. began banning the use of asbestos in most building products in the 1970s due to studies confirming the harmful health effects caused by exposure to airborne asbestos. ACM may be found in the insulation wrapping of the heating pipes and/or heaters, roofing materials, ceiling tiles, window putty, mastic, and floor tiles. Floor tiles that are 9 x 9 inches have been found to usually contain ACM.

The building may contain ACM. In the east Classroom there is exposed yellowish brown mastic on the floor where tile flooring was removed. Potential/suspect ACM insulated pipe was found throughout the armory in the following locations:

- Closet at the north end of the hallway attached to wall and above ceiling tiles
- FDC room on west side of hallway located above ceiling tiles
- NBC room on west side of hallway above ceiling tiles
- Latrine #1 above ceiling tiles and latrine #2 attached to ceiling
- Kitchen above water heater and furnace
- Wall of drill floor room
- Roofing material of drill floor room

The insulated piping can be found throughout the armory above the ceiling tiles. The areas of concern listed above were visible due to missing ceiling tiles or because the piping was attached to a wall.

Lead-Based Paint

Lead-based paint was commonly used until 1978, when its use in residential paints was restricted in the United States. It is unknown if the paint inside the building contains lead. Suspect lead-based paint was located in several locations throughout the armory. Potential/suspect lead-based paint was found in the following locations:

- Hallways and classrooms in the armory contained red and yellow paint details
- Peeling cream colored paint on ceiling of latrine #1
- Peeling cream colored paint on ceiling of storage room
- Peeling brown/tan paint on drill floor room garage doors
- Peeling cream/tan paint on windows in the shop/FMSC motorpool
- Peeling and chipping red paint located above armory entrance (east side of building, outdoors)
- Peeling yellow and tan outdoor paint on windows (south side of building)

Mercury

No mercury or mercury containing products or equipment were found at the armory during the site visit.

Transformers/PCB Equipment

One transformer was located near the road in front of the armory by the southeast corner of the building. The transformer is in good condition with no signs of leaking PCBs. No markings were observed on the exterior of the transformer.

5.3 External Observations

The exterior of the armory is in fairly good condition. A large portion of the west side of the building is fenced with chain link (area behind the Shop/FMSC Motorpool). The fenced in area is mostly gravel and weeds and was previously used as a vehicle compound. A gate is located on the north side of the fenced area. Chipped and peeling paint was found on several exterior windows (south side of building) and building trim (above entrance) that could potentially be lead-based. No stressed vegetation or stained soils were found on the subject property. Photographs of the external view of the site can be found in Appendix C.

5.4 Internal Observations

The Pauls Valley Armory is a one story building and is approximately 9,880 square feet and sits on approximately two acres. The building was mostly empty with the exception of several County vehicles that were being stored inside the Drill Floor room. The roof of the Shop/FMSC Motor Pool room was in poor condition and has a leak. At the time of the site visit, there was a small puddle in the center of the Shop/FMSC Motor Pool.

There are several recognized environmental conditions inside the building that may need additional investigation. The potential asbestos containing materials (insulated piping) and areas that potentially contain lead-based paint (window sills, ceilings, and walls) warrant further investigation. There is also a radiation sign on the door used to enter the Drill Floor room (at south end of hallway). During the site visit no one was sure what radioactive materials were stored within the armory. Photographs of the internal view of the site can be found in Appendix C.

5.5 Interviews

The site visit took place on 5/23/11. During the site visit, the following people were present: Bud Ramming, Garvin County Emergency Management Director; John Mann, Garvin County Commissioner; and Kenneth Holden, Garvin County Commissioner. None of these people had previously worked within the armory. However, they were all fairly familiar with the site's history. Ramming indicated that he did not believe that the piping insulation in the armory contained asbestos based on the age of the armory, although he never worked within the armory, and I would not consider him to have specialized knowledge about the site. He also indicated that he did not believe the paint to be lead-based.

Sergeant Barry Waldrop, who previously worked at the armory in facility maintenance, was scheduled to be interviewed during the site visit; however, he was absent. He was interviewed on 6/14/2011 via email and phone²⁷. His interview did not reveal any new environmental concerns associated with the property.

Pauls Valley Historian, Adrienne Grimmett, was consulted many times throughout the completion of this report⁹. Although she had never worked in the armory, she had a wealth of information about the adjacent properties and the site's history. She provided most of the adjacent property information, and she provided a written, early historical account of the Pauls Valley Armory, which can be found in Appendix E. Adrienne was aware of the presence of an underground storage tank on the site. She indicated that it may have been removed, which was consistent with the Oklahoma Corporation UST Database search.

City of Pauls Valley Code Enforcement Officer J.R. Giboney¹⁰ was also consulted to uncover information about the history of the armory and adjacent properties. His information was consistent with the information provided by Adrienne Grimmett, however; Giboney's recollection of the site's history was taken mostly from memory and personal account.

6.0 FINDINGS

Summarized below are the major findings from this Targeted Brownfield Assessment and DEQ's recommendations. The major findings of the highest environmental concern are presented first. Site photos can be found in Appendix C.

- A **Radiation Sign** is located at the south end of the hallway on the door leading into the Drill Floor. During the site visit, none of the representatives from the County were aware of the radioactive materials that may have been stored at the site.
- **Potential asbestos containing materials (ACM)** were observed throughout the armory in the form of insulated piping, roofing materials, and window sealant. Below are specific areas of concern within the armory:
 - Insulated piping in closet at the north end of the hallway attached to wall and above ceiling tiles
 - Insulated piping in FDC room on west side of hallway located above ceiling tiles
 - Insulated piping in NBC room on west side of hallway above ceiling tiles
 - Insulated piping in latrine #1 above ceiling tiles and latrine #2 attached to ceiling
 - Insulated piping in Kitchen above water heater and furnace
 - Insulated piping on wall of drill floor room
 - Potential ACM in roofing of drill floor room
 - Potential ACM in window sealant in the Shop/FMSC Motorpool
 - Potential ACM mastic on the floor in the classroom where tile was removed
- **Potential lead-based paint** was observed throughout the armory in the following locations:
 - Hallways and classrooms in the armory contained red and yellow paint details
 - Peeling cream colored paint on ceiling of latrine #1
 - Peeling cream colored paint on ceiling of storage room
 - Peeling brown/tan paint on drill floor room garage doors
 - Peeling cream/tan paint on windows in the shop/FMSC motorpool
 - Peeling and chipping red paint located above armory entrance (east side of building, outdoors)
 - Peeling yellow and tan outdoor paint on windows (south side of building)
- **Former Leaking Underground Storage Tank**

The Pauls Valley Armory site contained one leaking underground storage tank. The tank was located at the southeast corner of the armory building and was used to store gasoline. According to the OWRB database, the UST was installed on 12/31/1952 and was last used in 1982. A fuel release was discovered when a 1,000-gallon steel UST was removed from the site on 9/24/97 by Caldwell Environmental, Inc. According to the October 1997 Initial Response and Initial Abatement Report prepared by Caldwell Environmental (found in Appendix B), two samples of native soil were collected from the UST excavation site. A confirmed petroleum release was reported to the Oklahoma Corporation Commission by Caldwell Environmental Associates, Inc. on 10/3/97. The Oklahoma Risk Based Corrective Action Tier 1/1A report analysis also conducted by Caldwell Environmental found that only construction workers could potentially be exposed to indoor vapors from impacted subsurface soil in the immediate area of the

former UST. Four groundwater monitoring wells were installed on site on November 6, 1997. The wells were sampled on the same date. The groundwater analytical results were reported below laboratory detection limits. The results can be found in the October 2000 Final Closure Report prepared by Caldwell Environmental which is located in Appendix B. According to the OWRB map viewer data, the tank status is “permanently out of use” and the case status is “closed.”

- **Records Review Findings**

- No National Priorities Listed or de-listed sites within ½ mile of the armory
- No active or archived CERCLIS sites were found within ½ mile of the armory
- No RCRA CORRACT facilities within the 1 mile radius of the armory
- No RCRA non-CORRACT Treatment, Storage and Disposal (TSD) sites are within ½ mile of the armory
- No RCRA Notifier facilities or generators on the armory property or its adjoining properties
- No Emergency Response Notification System (ERNS) sites (hazardous substance releases or spills) reported on the armory property or on adjoining properties
- No known Federal Institutional Controls/Engineering Controls on the subject property
- No known Federal Institutional Controls/Engineering Controls are located on the property
- No permitted landfills or solid waste disposal facilities are located within ½ mile of the armory
- Two State Registered UST Sites were located within the search distance of the subject property and adjacent property using the Oklahoma Corporation Commission’s Petroleum Storage Tank Public Terminal Database.

1. The Pauls Valley Armory owned and operated one 1,000 gallon steel, single-walled underground storage tank which was installed on 12/31/1952. The tank contained gasoline. The UST by the name of “Brtry A 1/160 Fa” with the Tank ID of 2505778 was located at the southeast corner of the armory building and has been out of service since 1982. On September 24, 1997, the UST was removed by Caldwell Environmental Associates, Inc. According to the OWRB map data, the tank status is “permanently out of use” and the case status is “closed.” The tank ID number is 2505778.

2. Three additional tanks were displayed on the OCC Map Viewer as being adjacent to the Pauls Valley Armory. A gas station named “Oklahoma Outpost” owned by EZ Serve, Inc. had three single-walled steel USTs installed on 3/5/1981. The tanks were for retail use. Two of the tanks contained gasoline and the third contained diesel. Tank #1 is 10,000 gallons, Tank #2 is 8,000 gallons, and Tank #3 is 6,000 gallons. The tank ID number is 2500697. The three USTs were removed on 6/21/1994 by DETSCO, Inc. Four soil samples were taken at the time of removal and

the OCC determined that the facility did not exceed OCC action levels. The facility is considered “closed” by the OCC.

- There are no known State Institutional Controls/Engineering Controls in effect for this property
- No Voluntary Cleanup Program sites are located on or within ½ mile of the armory
- No Brownfield sites are located on or within ½ mile of the armory
- The DEQ performed a search of oil and gas records using the Oklahoma Corporation Commission’s Oil & Gas Web Applications website of Sections 7 and 8 in Garvin County. One well was located in Section 8 and five were located in Section 7.

7.0 OPINION AND RECOMMENDATIONS

Based on the findings of this assessment, DEQ recommends that additional investigation be conducted to evaluate areas of the property that may need future clean-up and remediation.

Areas of additional evaluation consist of the following:

- Further investigation of the **Radiation Sign** located at the south end of the hallway on the door leading into the Drill Floor should be conducted by the DEQ Radiation Team. During the site visit, none of the representatives from the County were aware of the radioactive materials that may have been stored at the site.
- **Potential asbestos containing materials (ACM)** are located throughout the armory in the form of insulated piping, roofing materials, and window sealant/putty. Below are specific areas of concern within the armory that warrant asbestos testing:
 - Insulated piping in closet at the north end of the hallway attached to wall and above ceiling tiles
 - Insulated piping in FDC room on west side of hallway located above ceiling tiles
 - Insulated piping in NBC room on west side of hallway above ceiling tiles
 - Insulated piping in latrine #1 above ceiling tiles and latrine #2 attached to ceiling
 - Insulated piping in Kitchen above water heater and furnace
 - Insulated piping on wall of Drill Floor room
 - Potential ACM in roofing of Drill Floor room
 - Potential ACM in window sealant in the Shop/FMSC Motorpool
 - Potential ACM mastic on the floor in the Classroom where tile was removed
- **Potential lead-based paint** is located throughout the armory. The following locations warrant lead-based paint testing:
 - Hallways and classrooms in the armory contained red and yellow paint details

- Peeling cream colored paint on ceiling of Latrine #1
- Peeling cream colored paint on ceiling of Storage Room
- Peeling brown/tan paint on Drill Floor garage doors
- Peeling cream/tan paint on windows in the Shop/FMSC motorpool
- Peeling and chipping red paint located above armory entrance (east side of building, outdoors)
- Peeling yellow and tan outdoor paint on windows (south side of building)

8.0 DATA GAPS

Section 3.2.20 (ASTM 1527-05)⁴ defines a data gap as “a lack or inability to obtain information required by the practice despite good faith efforts of the environmental professional to gather such information.” The following data gaps were found while conducting this report:

- No information was located regarding the radiation sign located on the entrance to the Drill Floor.
- The interview with Barry Waldrop, former facility maintenance worker, did not reveal any additional information regarding the site. Furthermore, in the interview questionnaire located in Appendix C, he stated that sand from the firing range was used for an unknown purpose. It was later confirmed via email that there has never been a firing range at the Pauls Valley Armory, and that he was mistaken. There is no record or evidence of a firing range within the Pauls Valley Armory property.
- When researching the State Registered Underground Storage Tanks at the Oklahoma Corporation Commission, three additional USTs showed up on the OCC map viewer as being adjacent to the armory. However, the registered address for the “Oklahoma Outpost” USTs is 5 ½ mi. E. Highway 19 in Pauls Valley. Highway 19 is located, at the closest, 0.65 miles south of the armory. Although these tanks showed up as being adjacent to the armory on the OCC dataviewer, it is believed that these USTs are not actually located on a property adjacent to the armory, but somewhere along Highway 19 over ½ mile south of the armory.
- The adjacent property to the north of the armory is the former Pauls Valley drinking water treatment plant. During the site visit, access to this property was prohibited due to the presence of a security fence. It is unclear if any impoundments or chemical storage exists within the boundary of this adjacent site. The representatives for Garvin County DEQ Environmental Complaints and Local Services (Ada, OK DEQ Office) were contacted through email about potential and past environmental concerns surrounding the former plant on 6/21/11, and no response was received prior to the submission of this report.

9.0 CONCLUSIONS

DEQ has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of property located [1001 North Ash Street, Pauls Valley, Oklahoma]. Any exceptions to, or deletions from, this practice are described in Section [10.0] of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following: the radiation sign observed on entrance of Drill Floor room, potential asbestos containing materials and lead-based paint observed throughout the armory building, and the former leaking underground storage tank belonging to the armory (which has been removed and assigned “closed” by Oklahoma Corporation Commission).

The information provided in this assessment is to assist Garvin County in its revitalization planning as well as meet the All Appropriate Inquiry requirement of the landowner liability protections under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, better known as Superfund)², as provided in the Small Business Relief and Brownfield Revitalization Act of 2002 (Public Law 107-118, Subtitle B)³.

10.0 ADDITIONAL SERVICES

No additional services were provided in this Phase I Targeted Brownfield Assessment.

11.0 DEVIATIONS

No deviations and deletions from E 1527-05 were made for this Phase I site investigation.

12.0 REFERENCES

1. U.S. Environmental Protection Agency. (2008) *Oklahoma Brownfield Assistance Agreement (No #RP96681001-0)*. Unpublished Document. State of Oklahoma: Oklahoma City, Oklahoma.
2. U.S. Environmental Protection Agency. (1980) *Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)*. (Public Law 96-510). Washington D.C.: U.S. Government Printing Office.
3. U.S. Environmental Protection Agency. (2002). *Small Business Relief and Brownfield Revitalization Act*. (Public Law 107-118, Subtitle B). Washington D.C.: U.S. Government Printing Office.
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6. Oklahoma Department of Libraries. Historic 1940s Aerial Photos. 200 N.E. 18th St., Oklahoma City, OK 73105.
7. Oklahoma Department of Environmental Quality. *DEQ GIS Data Viewer*. http://maps.deq.ok.gov/deq_wq/
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10. Phone interview with J.R. Giboney, City of Pauls Valley Code Enforcement Office. 2/12/11.
11. Federal Emergency Management Association. *Map Service Center*. <http://www.msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView?storeId=10001&catalogId=10001&langId=-1>
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15. U.S. Environmental Protection Agency. *Deleted National Priority List: Sites by Date*. <http://www.epa.gov/superfund/sites/query/queryhtm/npldel.htm#OK>
16. U.S. Environmental Protection Agency. *CERCLIS Public Access Database*. <http://cfpub.epa.gov/supercpad/cursites/srchsites.cfm>
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23. Oklahoma Corporation Commission. *Petroleum Storage Tank Public Terminal Database*. Jim Thorpe Building, 2101 N. Lincoln, Oklahoma City, OK, 73105.
24. Oklahoma Department of Environmental Quality. *Voluntary Cleanup Program (VCP) Microsoft Access Database*.
25. Oklahoma Department of Environmental Quality. *Oklahoma Brownfields Public Record*.
<http://www.deq.state.ok.us/LPDnew/Brownfields/PublicRecordBrownfields.pdf>
26. Oklahoma Corporation Commission. *Oil & Gas Web Applications Database*.
<http://www.occeweb.com/OCCOraWebApps.html> or Jim Thorpe Building, 2101 N. Lincoln, Oklahoma City, OK, 73105.
27. Email and phone interview with Sergeant Barry Waldrop. 6/8/11.
28. Oklahoma Department of Environmental Quality. *Risk Based Cleanup Levels for Total Petroleum Hydrocarbons (TPH)*. www.deq.state.ok.us/lpdnew/VCPIndex.htm

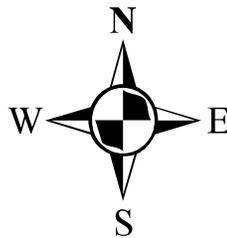
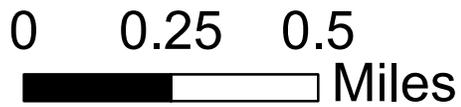
13.0 APENDICIES

- Appendix A Maps
- Appendix B Records Review
- Appendix C Site Visit Photos & Notes
- Appendix D Legal Documents
- Appendix E OKARNG Documents
- Appendix F Qualification(s) of Environmental Professionals

APPENDIX A: Maps

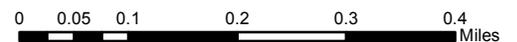
- Site Map
- Floor Plan
- USGS Topographic Maps
- Aerial Photos
- Sanborn Maps
- FEMA Flood Maps

Pauls Valley Armory Site Map



Legend

-  Pauls Valley Armory
-  Pauls Valley City Limits



Map created by Savannah Richards
on 02/22/2011.

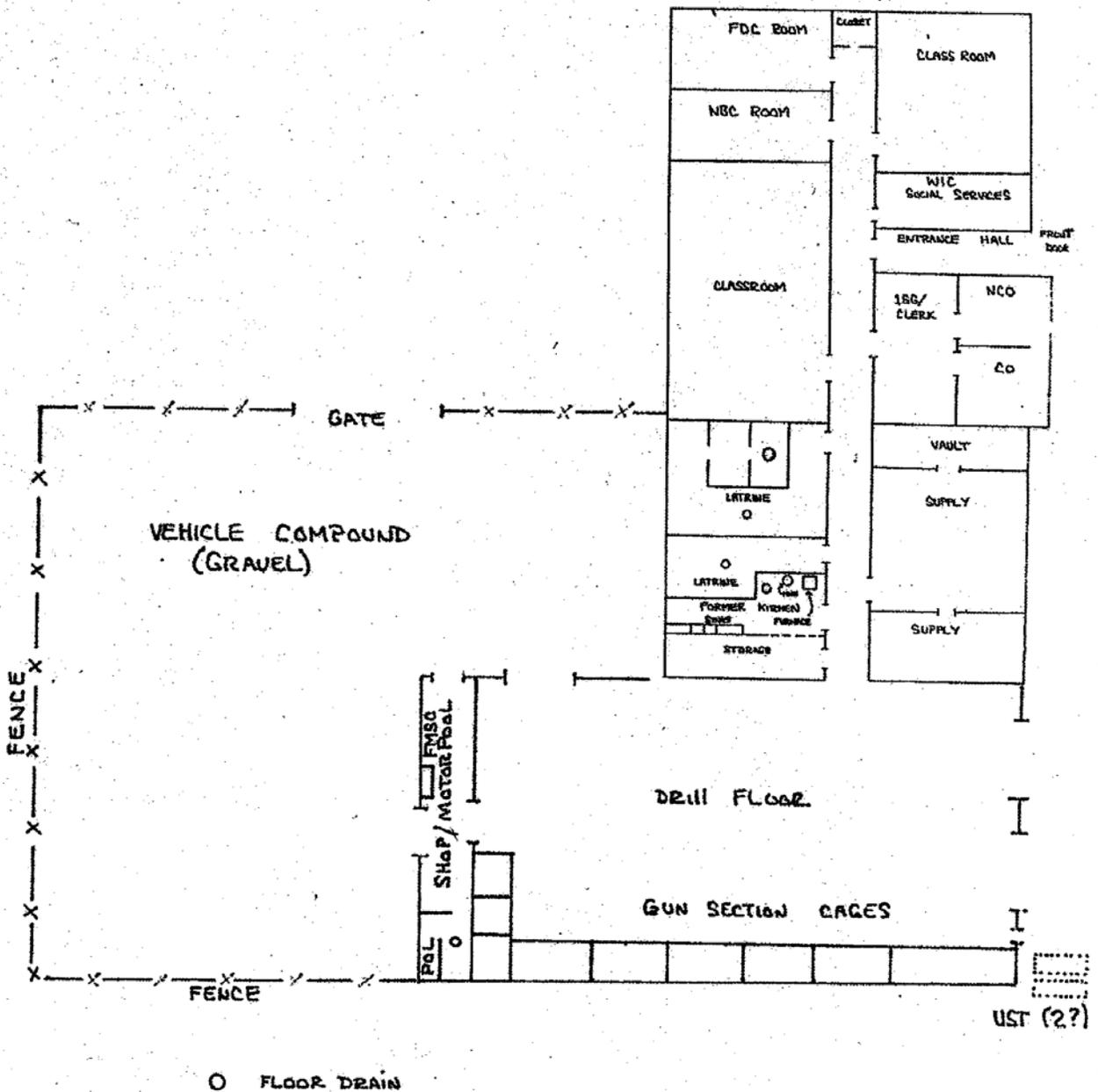
We make every effort to provide and maintain accurate, complete, usable, and timely information. However, some data and information on this map may be preliminary or out of date and is provided with the understanding that it is not guaranteed to be correct or complete. Conclusions drawn from, or actions undertaken on the basis of, such data and information are the sole responsibility of the user.

FLOOR PLAN, PAULS VALLEY ARMORY

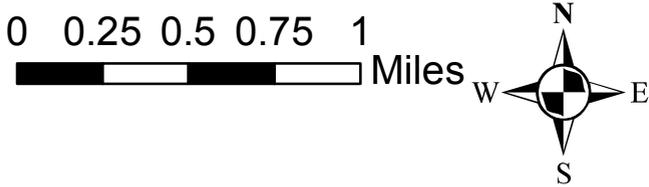
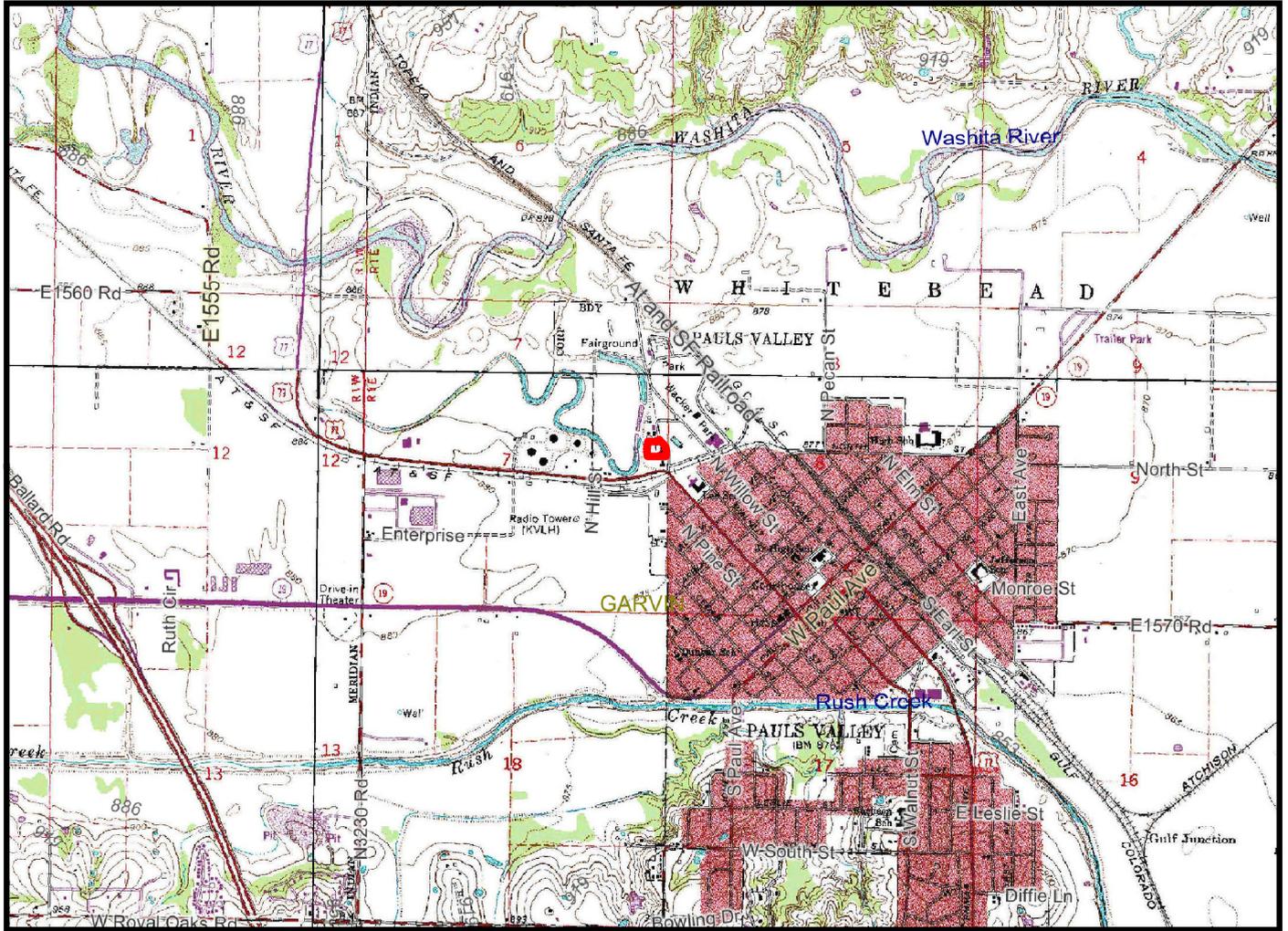
PAULS VALLEY ARMORY

1001 NORTH ASH STREET
PAULS VALLEY, OKLAHOMA

BUILT: 1949

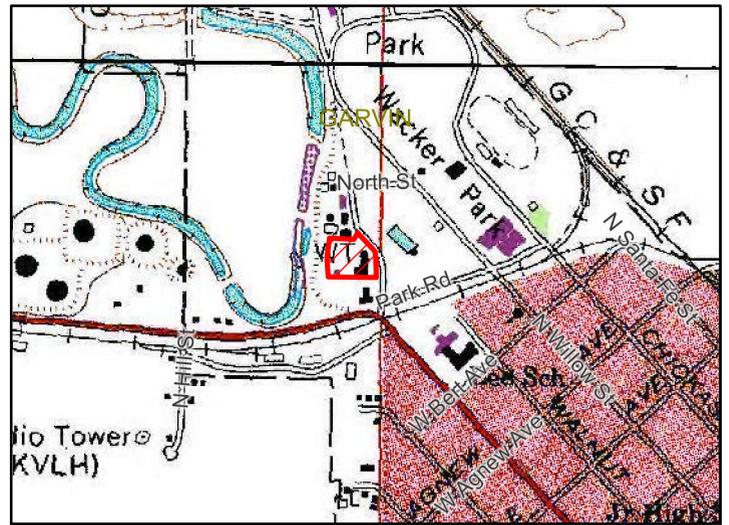


Pauls Valley Topographical Map



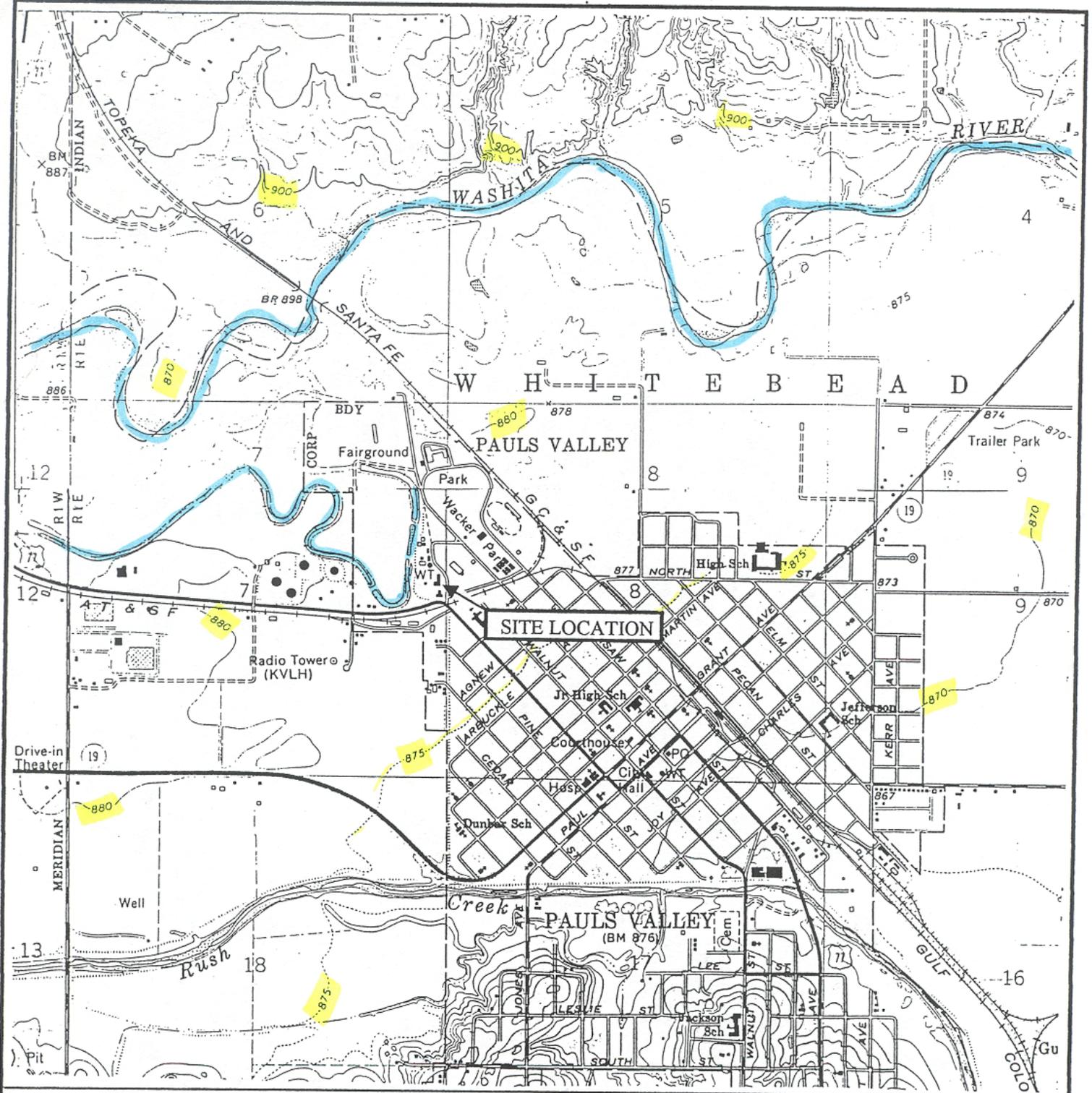
Legend

 Pauls Valley Armory



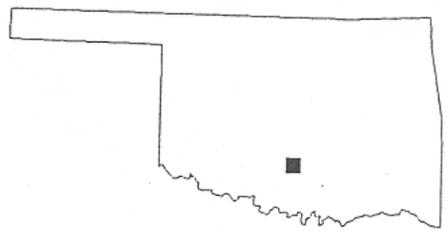
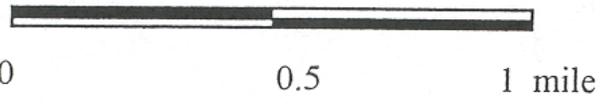
Map created by Travis Estes
on 10/04/2010.

We make every effort to provide and maintain accurate, complete, usable, and timely information. However, some data and information on this map may be preliminary or out of date and is provided with the understanding that it is not guaranteed to be correct or complete. Conclusions drawn from, or actions undertaken on the basis of, such data and information are the sole responsibility of the user.



OKLAHOMA

SCALE



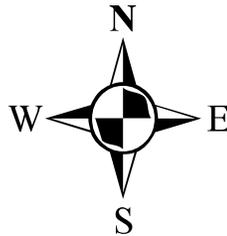
Pauls Valley 2010 Aerial



0 0.25 0.5
Miles

Legend

 Pauls Valley Armory



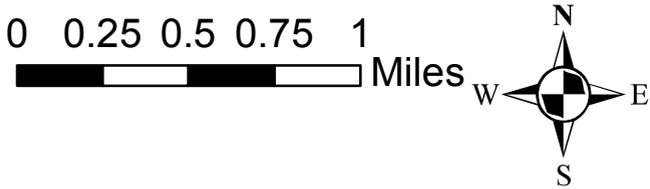
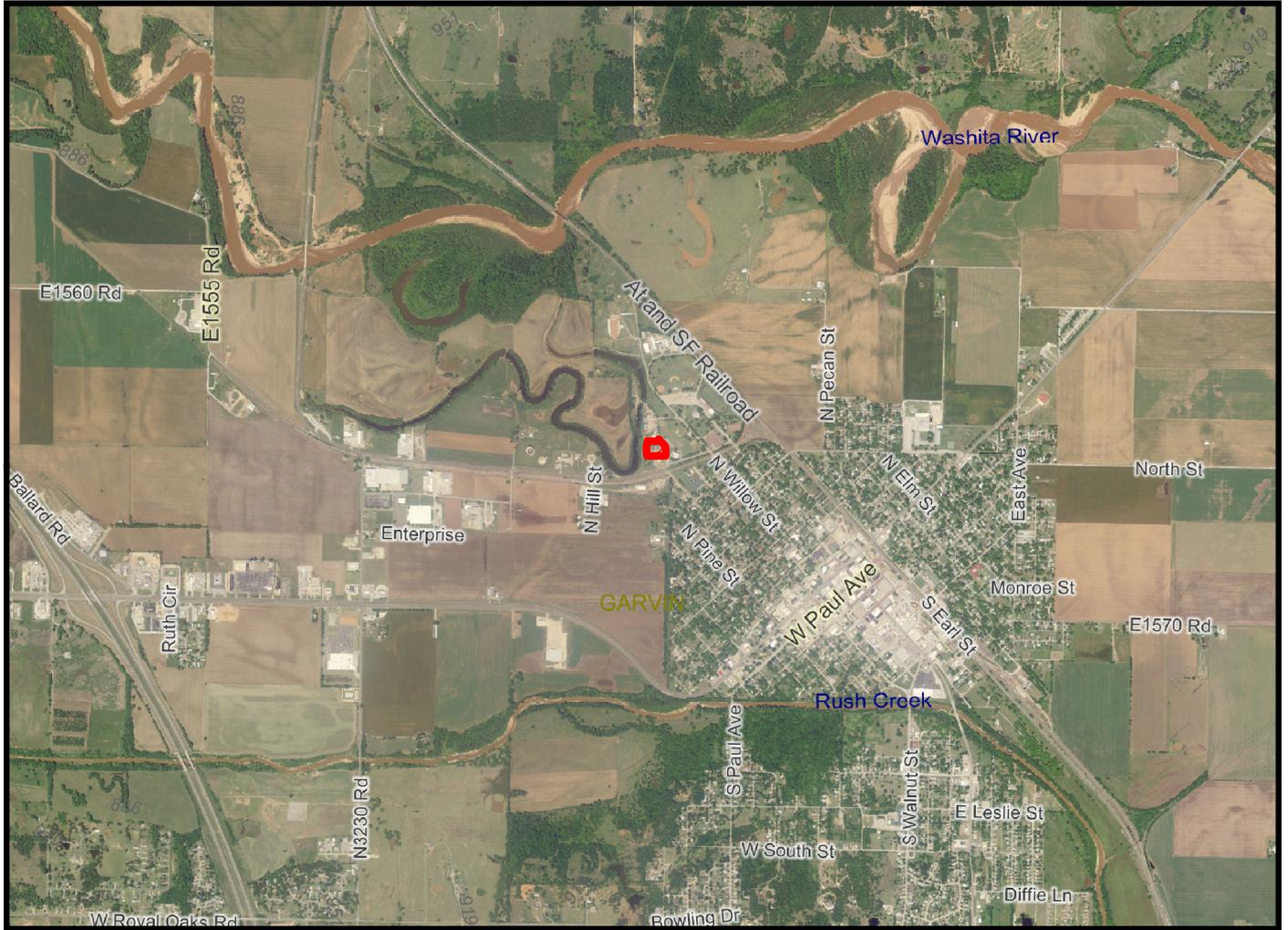
0 0.05 0.1 0.2 0.3 0.4
Miles



Map created by Savannah Richards
on 02/22/2011.

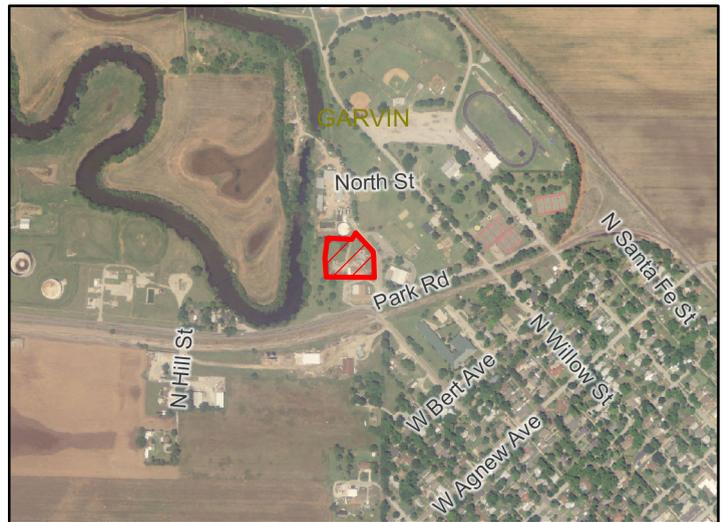
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Pauls Valley 2008 Aerial



Legend

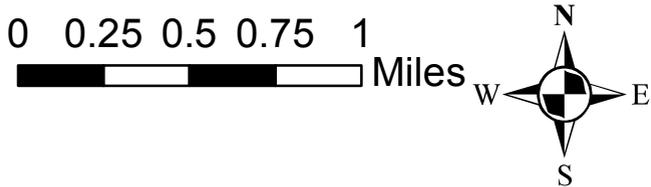
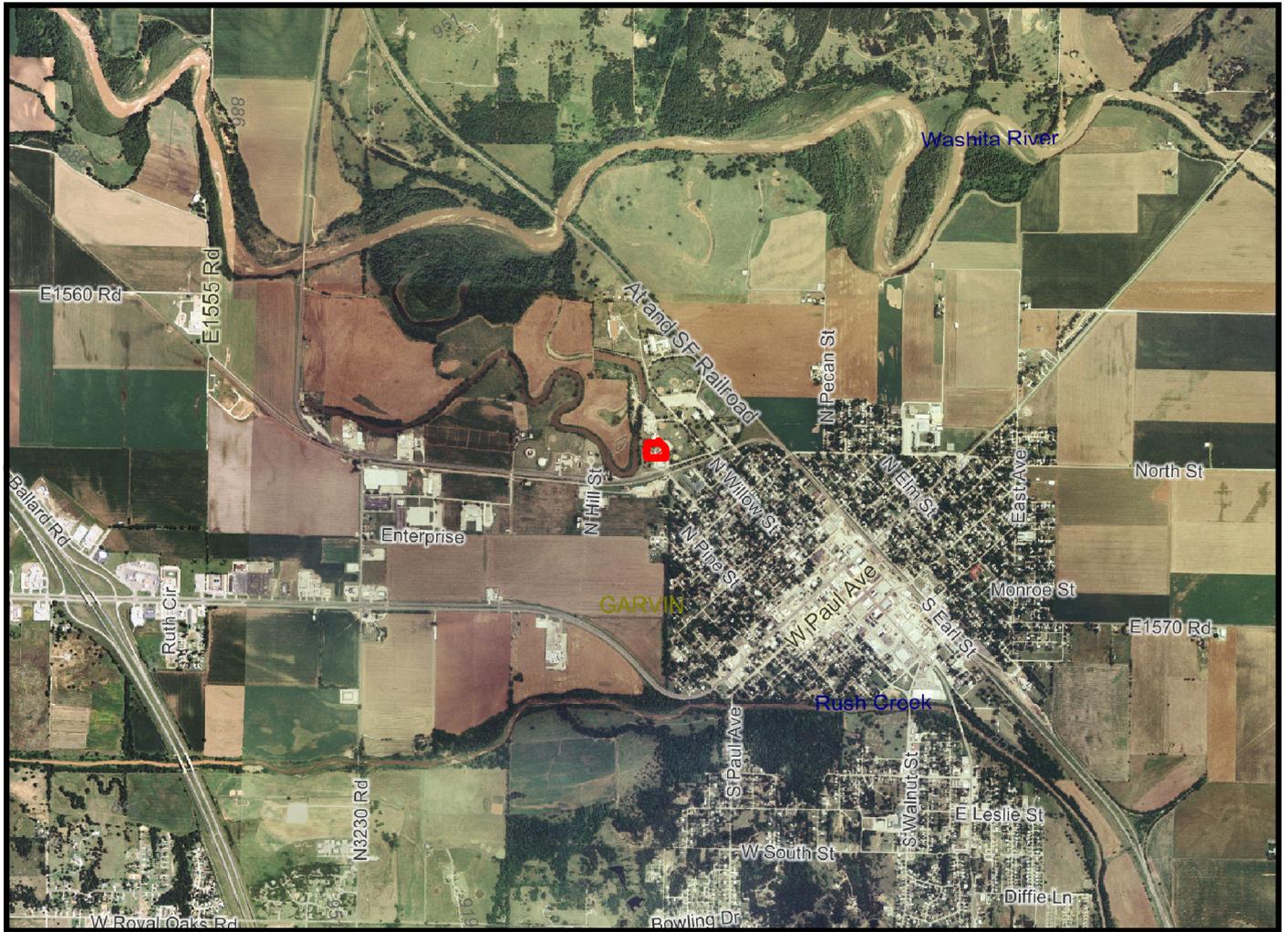
 Pauls Valley Armory



Map created by Travis Estes
on 10/04/2010.

We make every effort to provide and maintain accurate, complete, usable, and timely information. However, some data and information on this map may be preliminary or out of date and is provided with the understanding that it is not guaranteed to be correct or complete. Conclusions drawn from, or actions undertaken on the basis of, such data and information are the sole responsibility of the user.

Pauls Valley 2003 Aerial



Legend

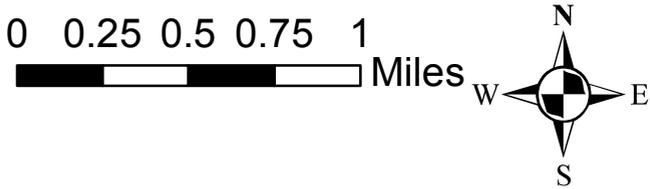
 Pauls Valley Armory



Map created by Travis Estes
on 10/04/2010.

We make every effort to provide and maintain accurate, complete, usable, and timely information. However, some data and information on this map may be preliminary or out of date and is provided with the understanding that it is not guaranteed to be correct or complete. Conclusions drawn from, or actions undertaken on the basis of, such data and information are the sole responsibility of the user.

Pauls Valley 1995 Aerial



Legend

 Pauls Valley Armory



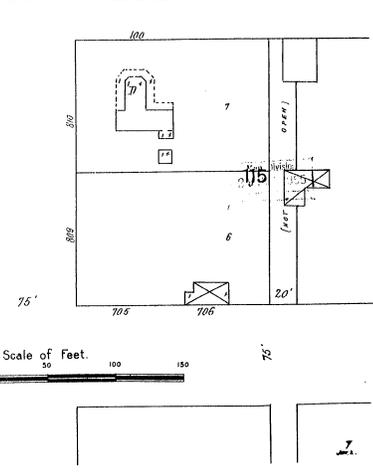
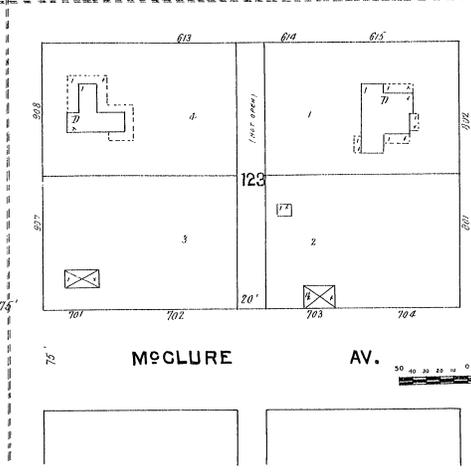
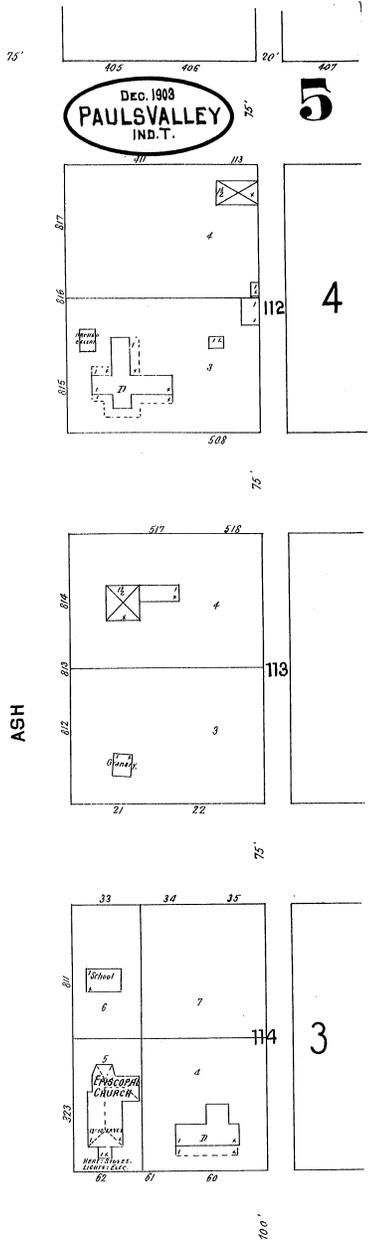
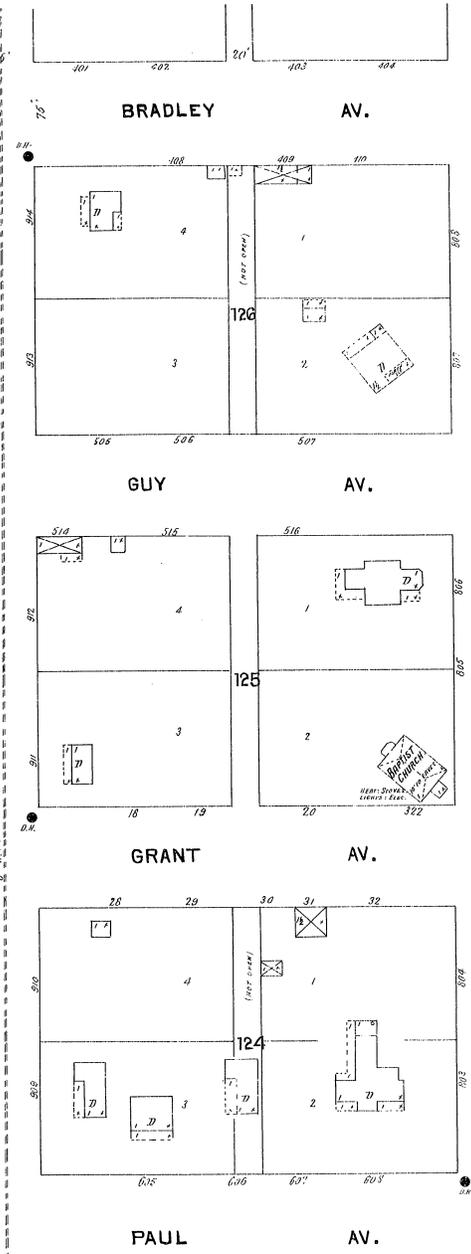
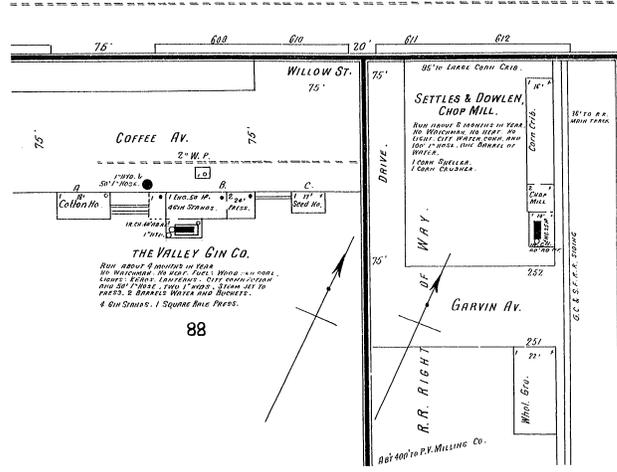
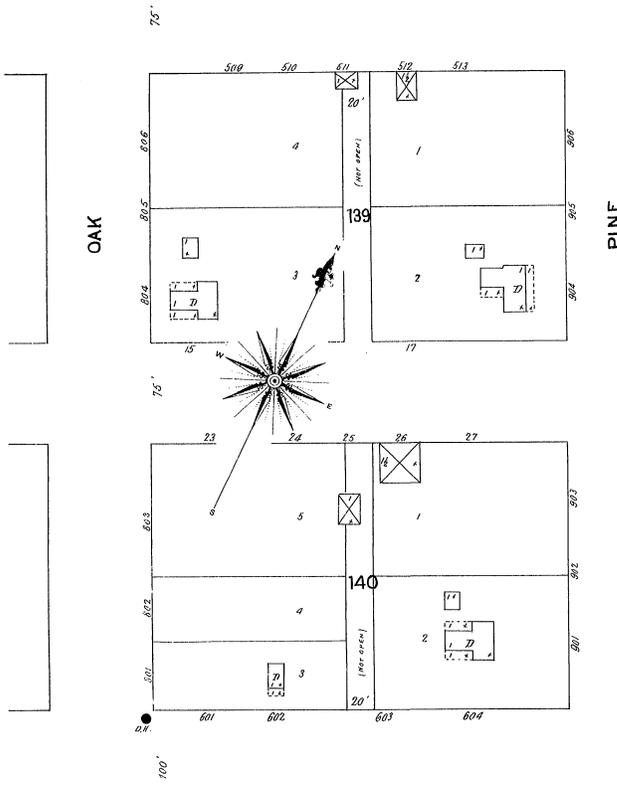
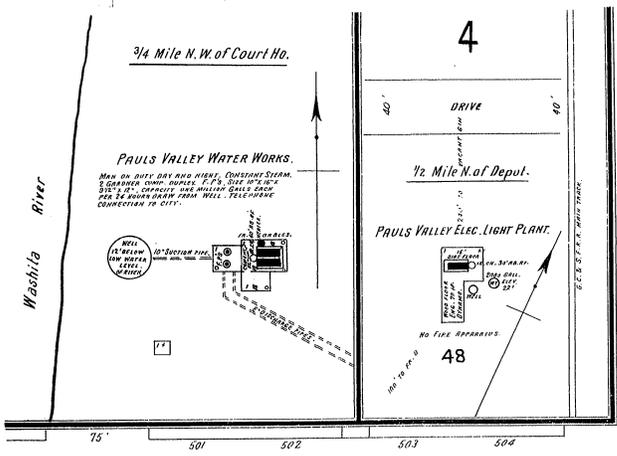
Pauls Valley 1956 Aerial Photo



Map created by Savannah Richards on
06/02/2011

We make every effort to provide and maintain accurate, complete, usable, and timely information. However, some data and information on this map may be preliminary or out of data and is provided with the understanding that it is not guaranteed to be correct or complete. Conclusions drawn from, or actions undertaken on the basis of, such data and information are the sole responsibility of the user.





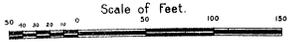
Dec. 1903
PAULSVALLEY
IND.T.

5

4

3

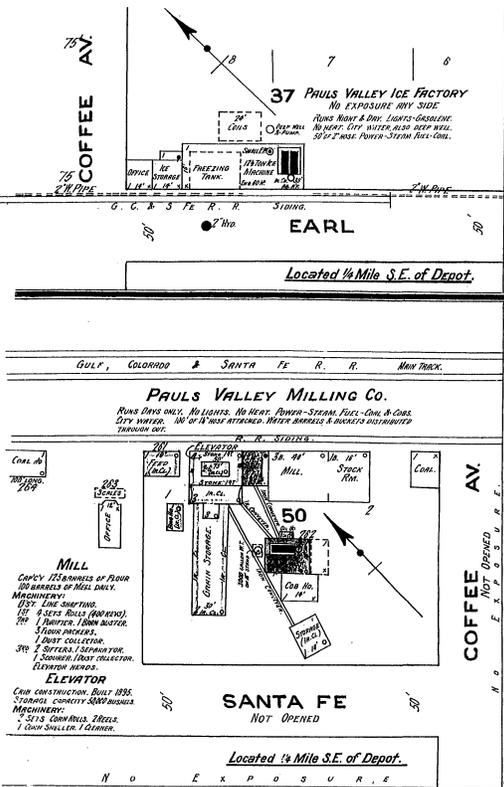
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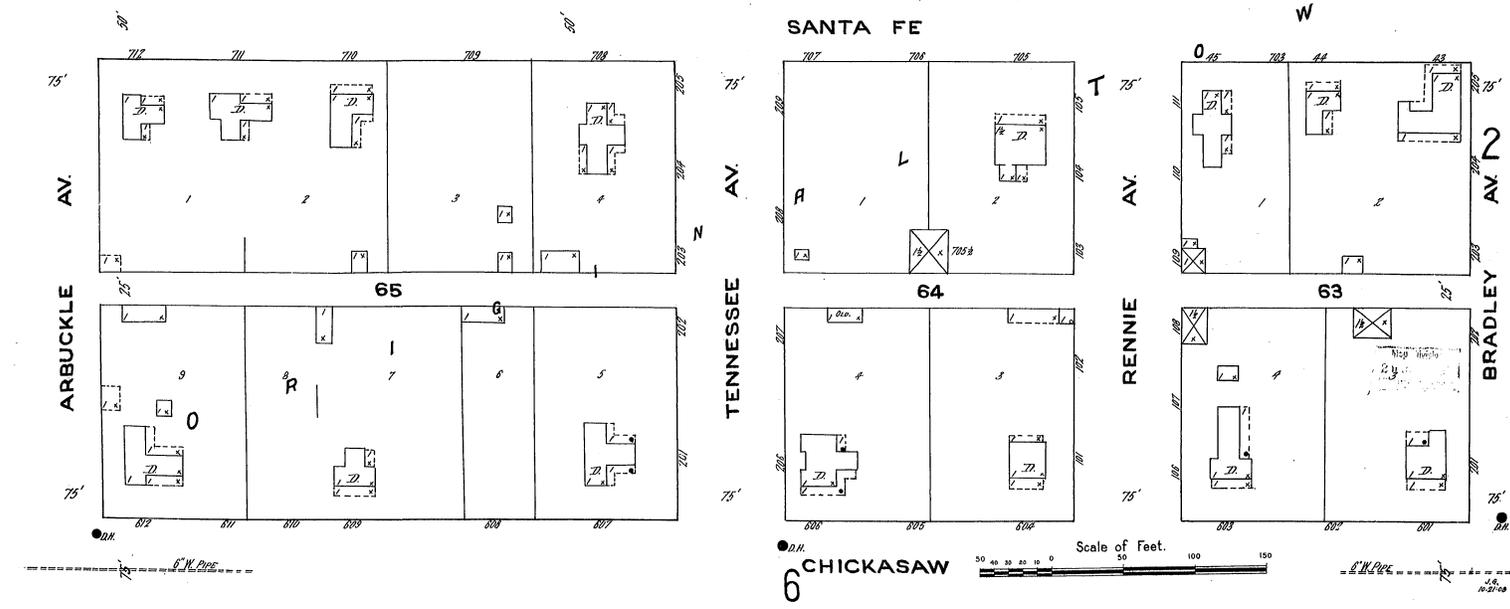
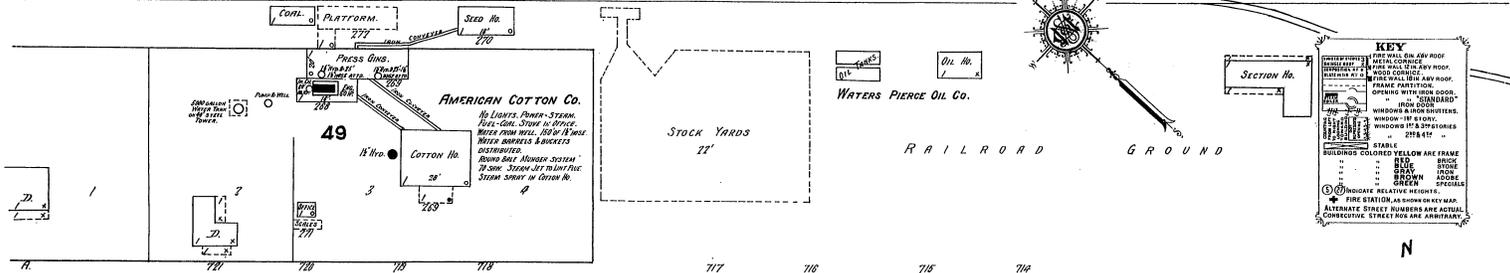
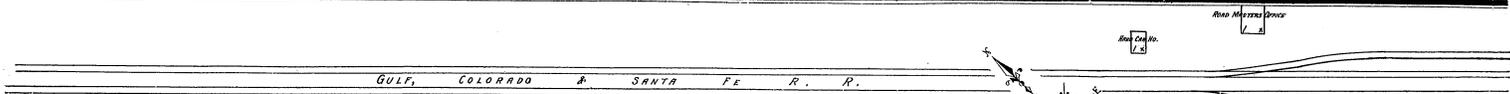


INDEX.

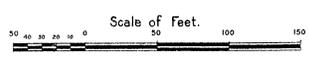
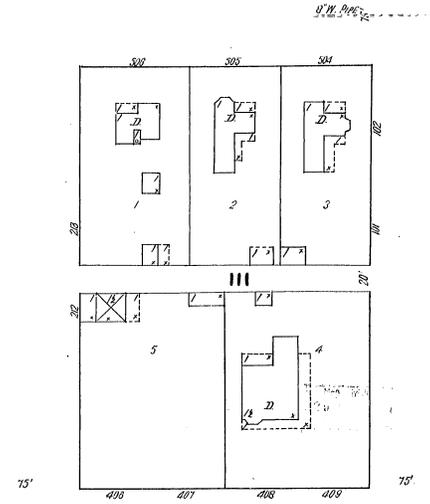
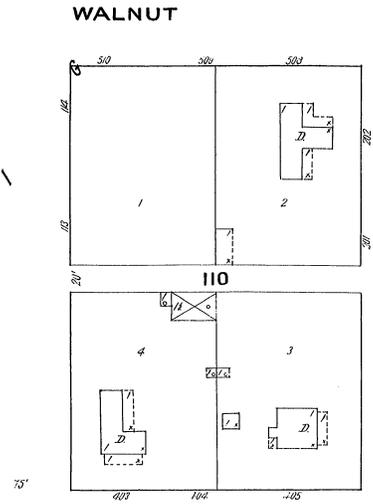
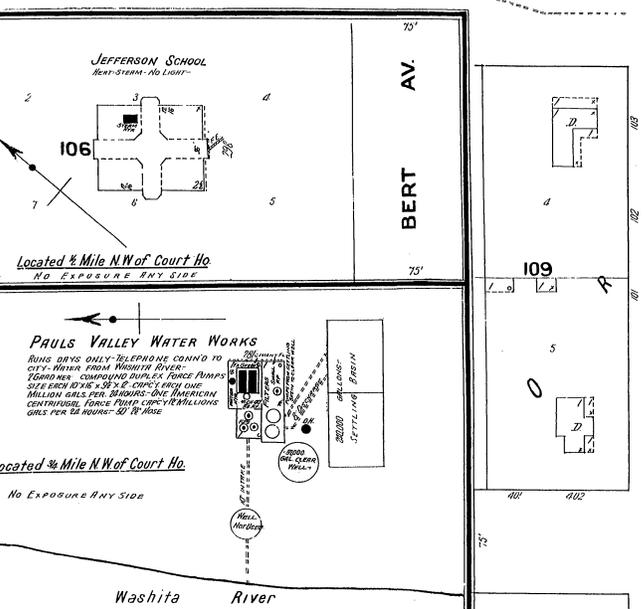
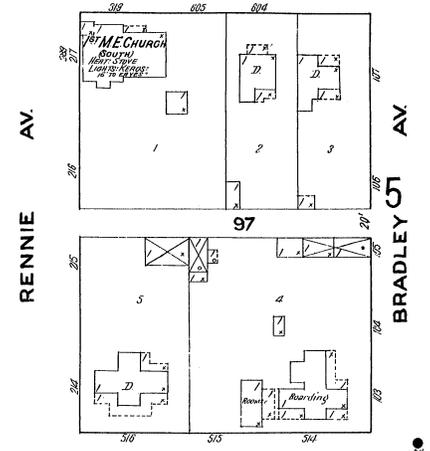
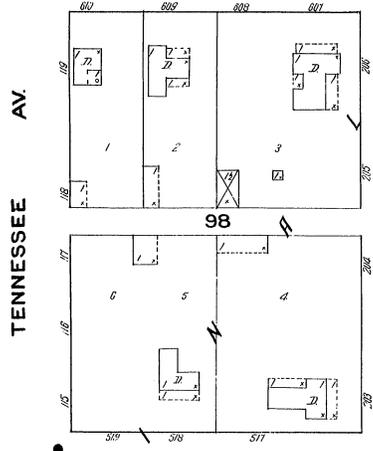
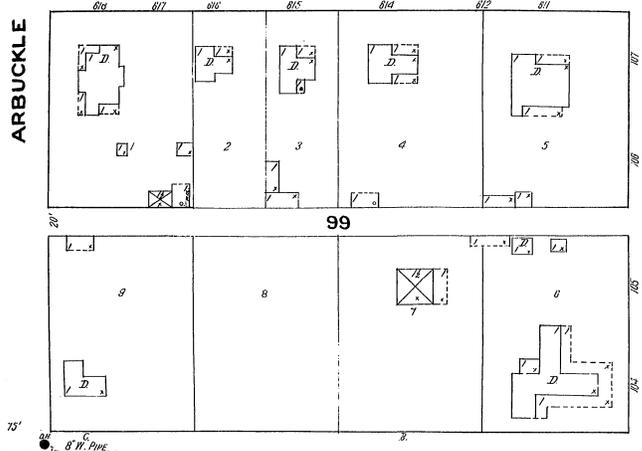
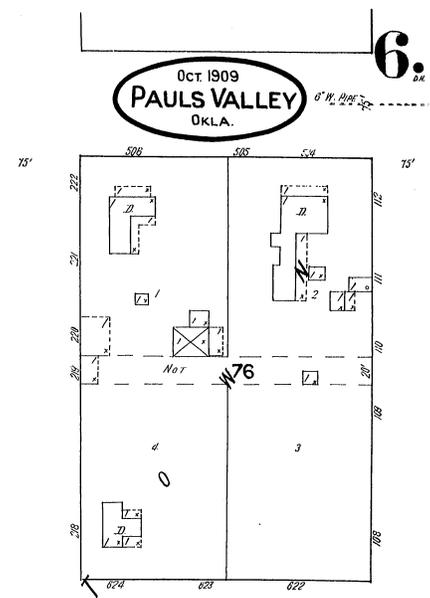
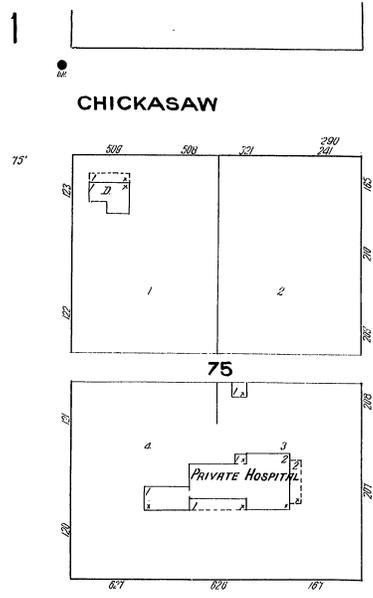
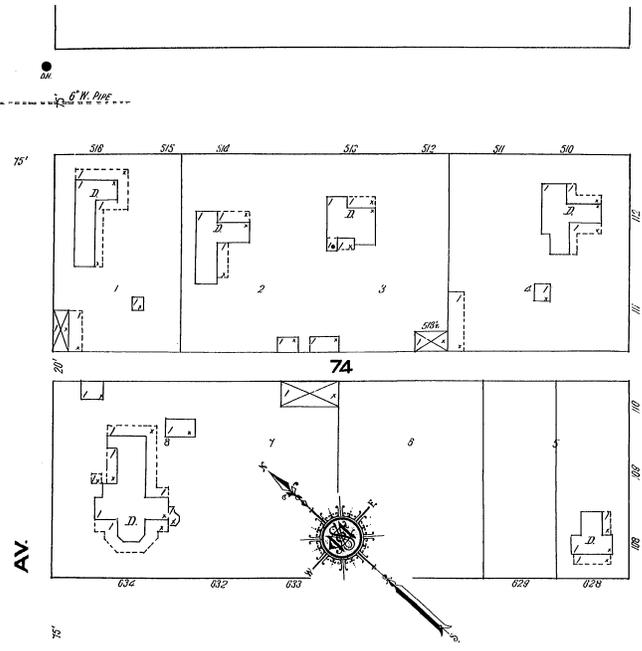
Table listing streets and their widths, and a list of special buildings with their addresses. Includes a note: 'Note—House Numbers given are arbitrary.'

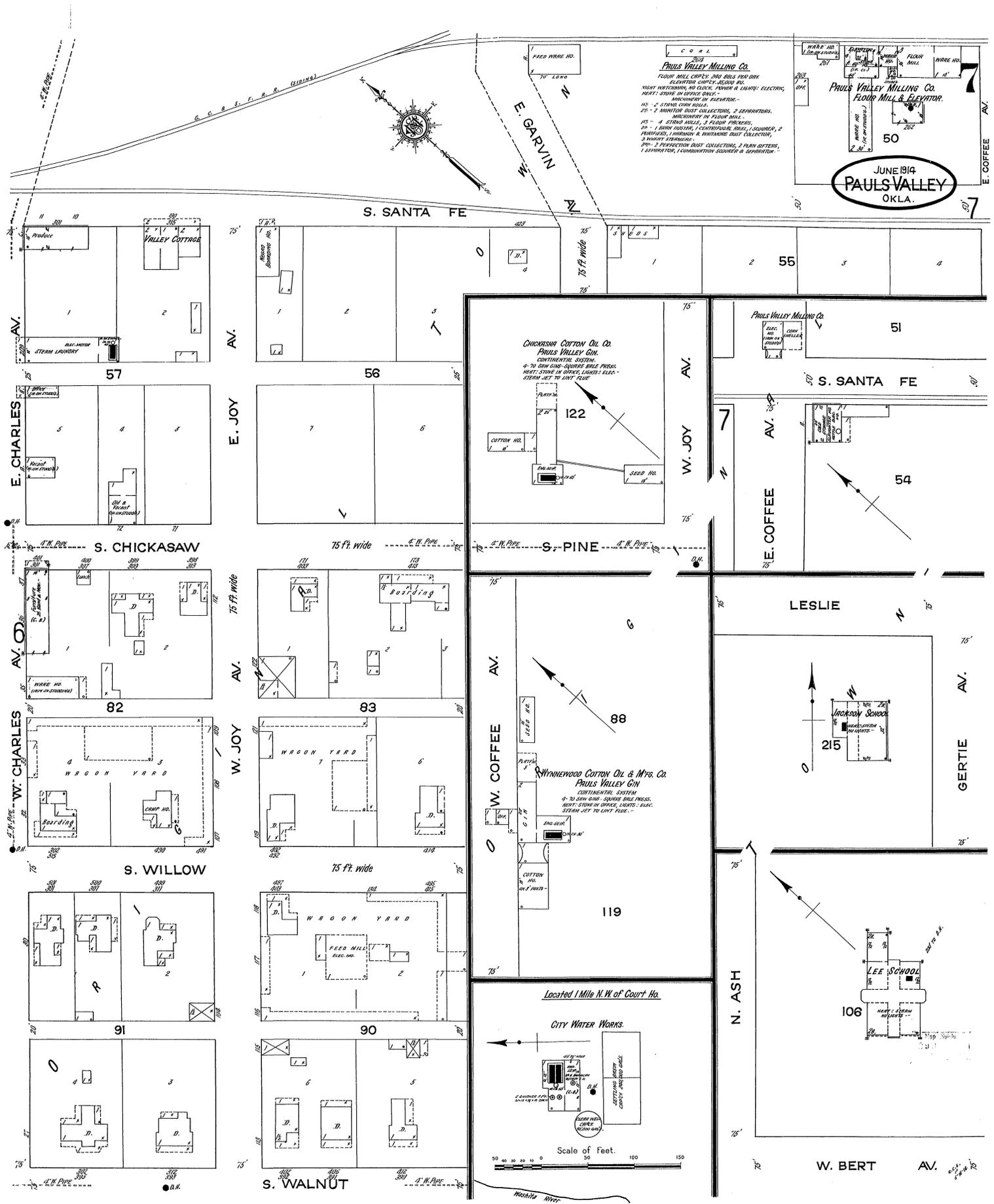


WATER FACILITIES: Gravity & direct pressure. 7 Gardner Compound Double Force Pumps... FIRE DEPT: 2 companies of men each. 1 Pauls Valley & 1 horses. 1 combination hose wagon. 1 hand hose cart.



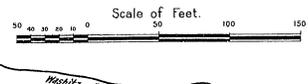
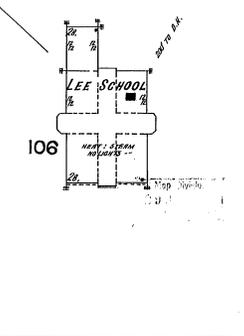
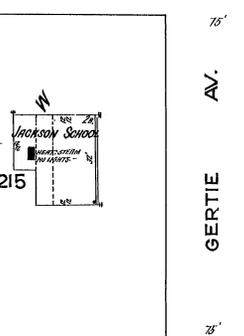
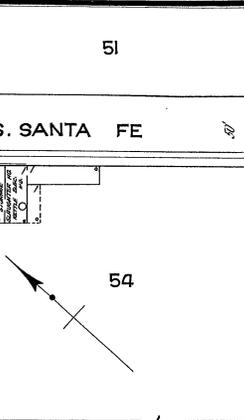
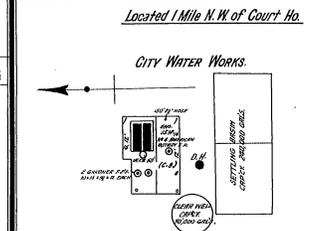
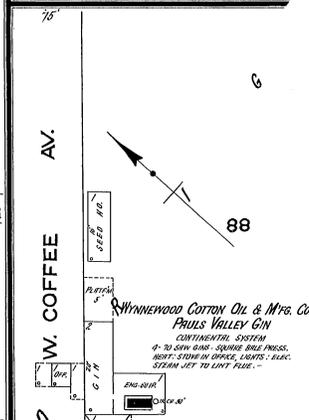
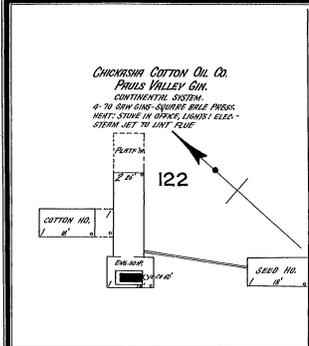
Oct. 1909
PAULS VALLEY
OKLA.





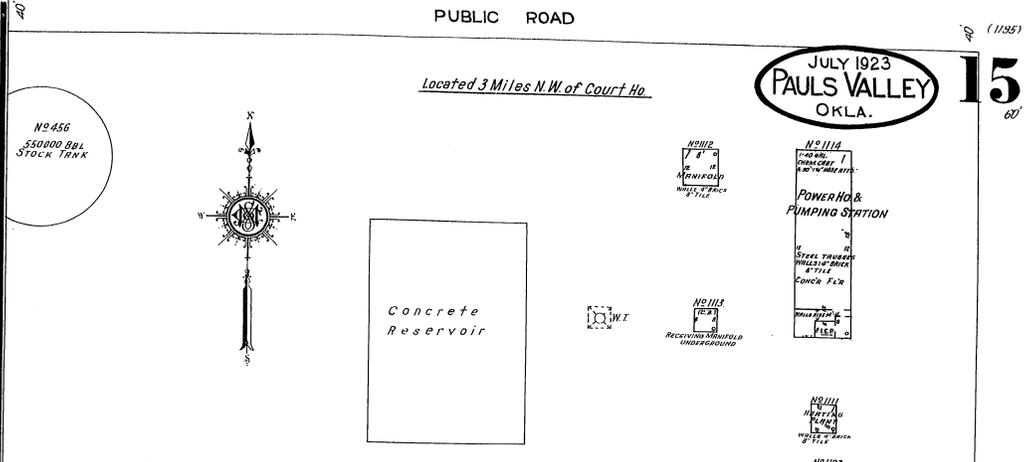
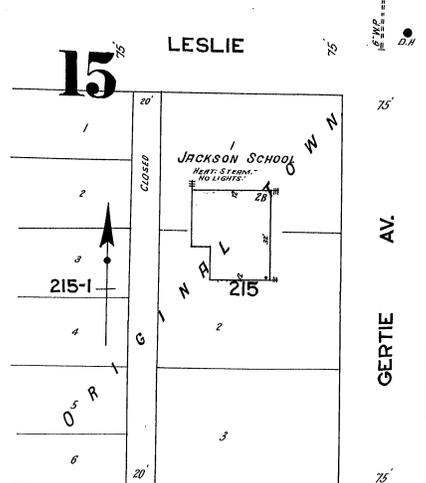
PAULS VALLEY MILLING CO.
 FLOUR MILL CAPACITY 200 BBL PER DAY.
 SEPARATORS, CONVEYORS, FEEDERS, ELECTRIC, LIGHTS, STAIRS, ON-GRADE DRAINS.
 MACHINERY BY ELEVATOR:
 NO. 2 - 2 MINUTON DUST COLLECTING, 2 SEPARATORS.
 NO. 3 - 4 MINUTON DUST COLLECTING, 2 SEPARATORS.
 NO. 4 - 1 STAIR WALK, 1 CENTRIFUGAL PULVERIZER, 1 SCOURER, 1 MIXER, 1 LAMINATOR & BUNTING DUST COLLECTING, 3 HAWK STAIRS.
 NO. 5 - 2 SEPARATION DUST COLLECTING, 2 FLYN-SIFTERS, 1 SEPARATOR, 1 COMBINATION SCOURER & SEPARATOR.

JUNE 1914
PAULS VALLEY
 OKLA.

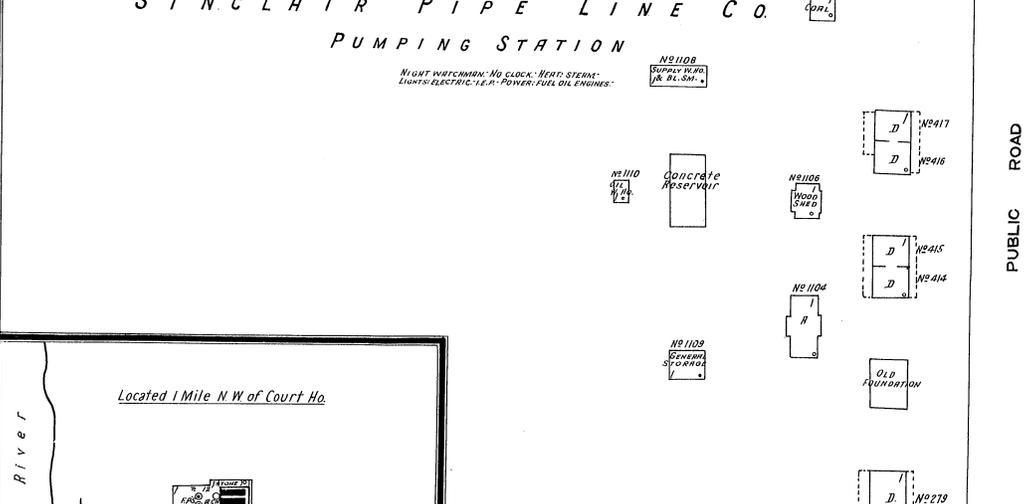
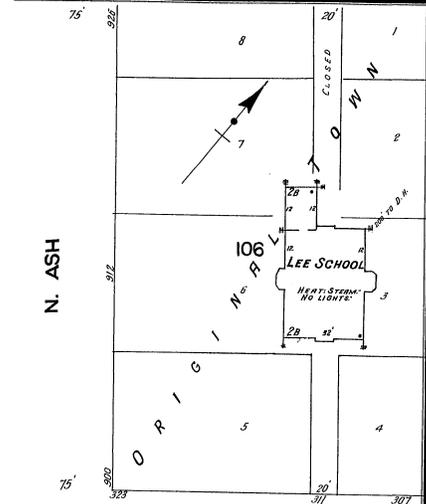


Washita River

JULY 1923
PAULS VALLEY
OKLA.

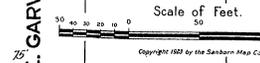
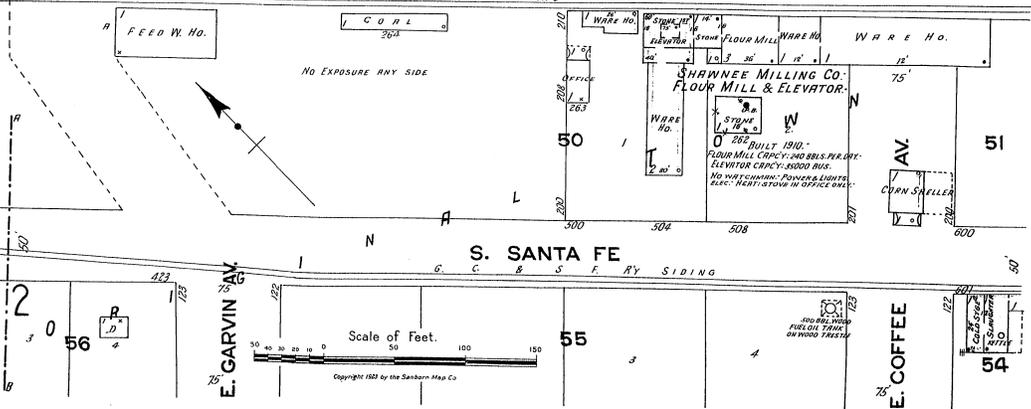
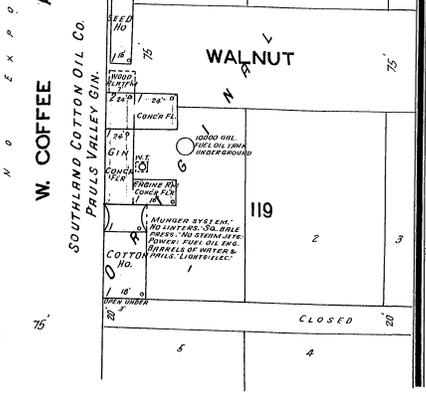
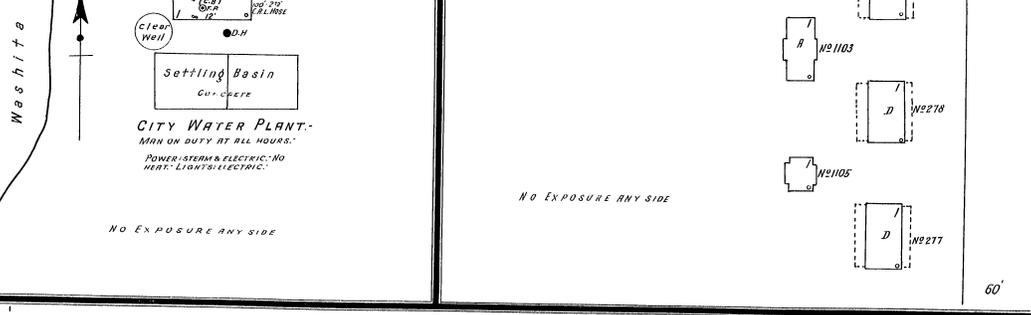
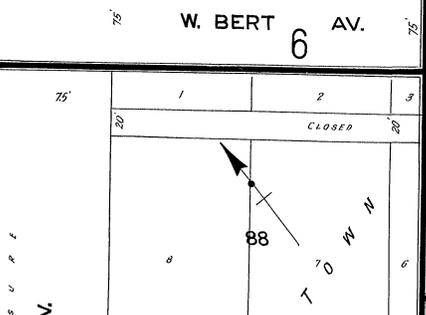


SINCLAIR PIPE LINE CO.
PUMPING STATION

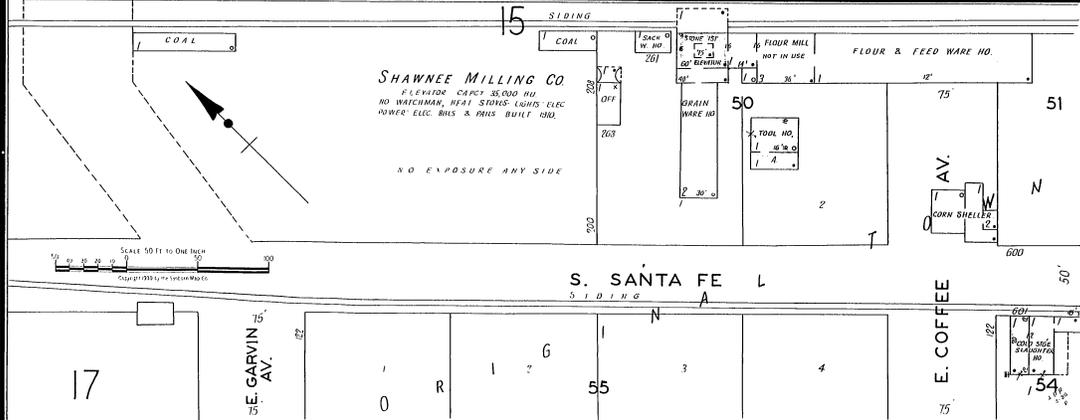
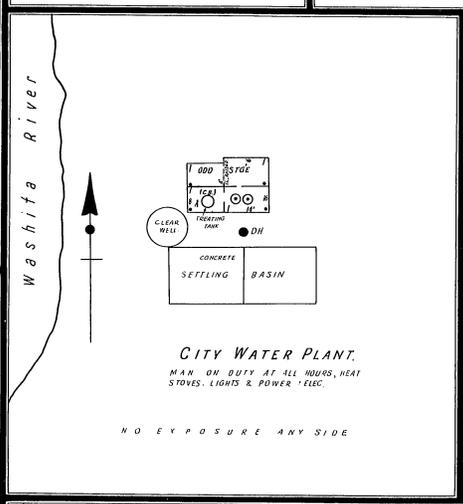
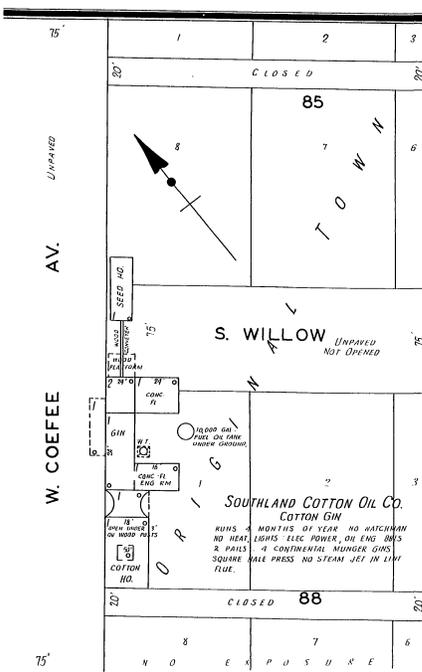
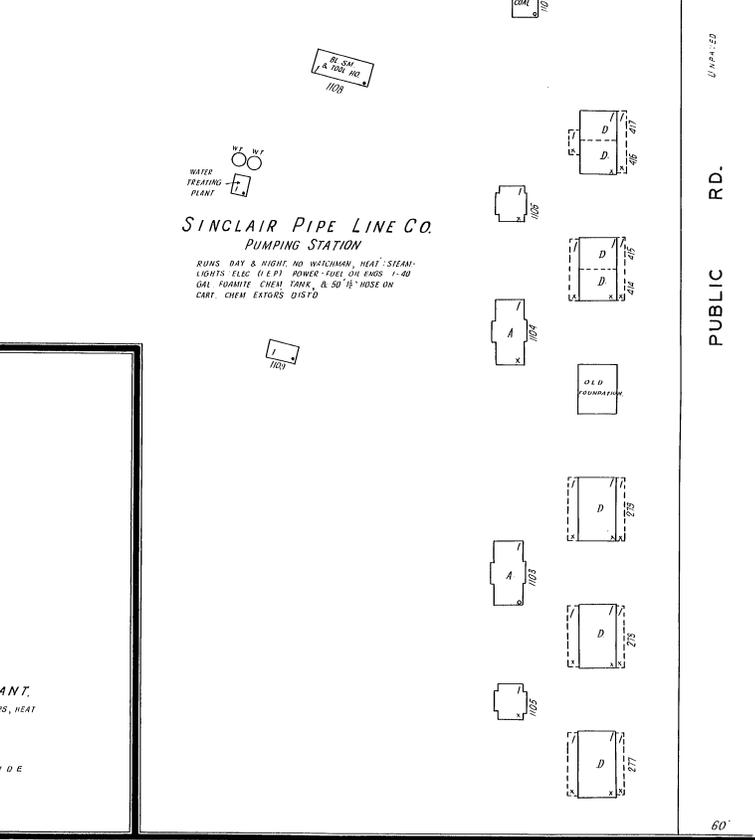
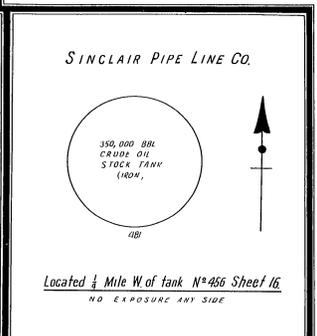
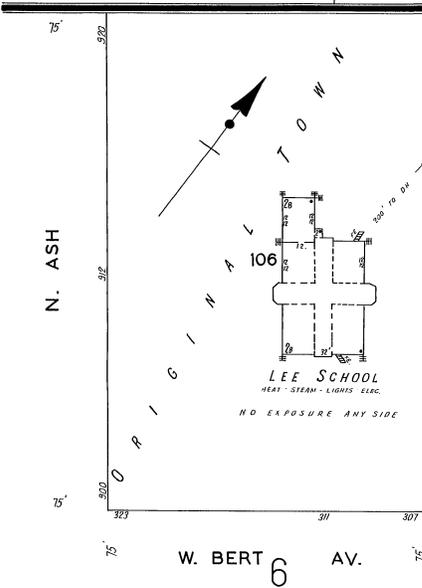
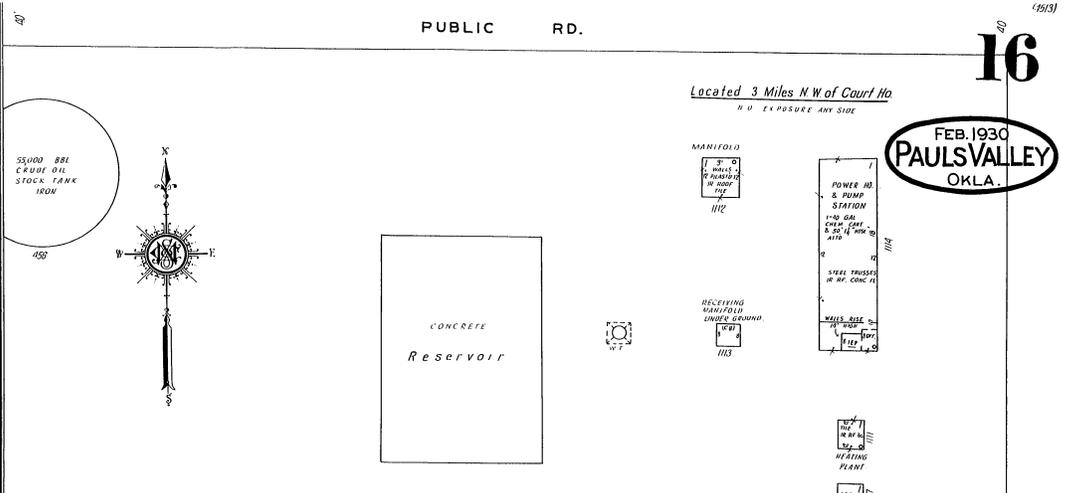
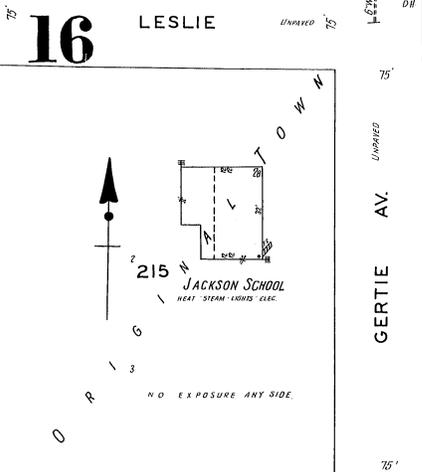


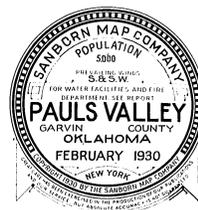
Located 1 Mile N.W. of Court Ho.

CITY WATER PLANT.
MAN ON DUTY AT ALL HOURS.



Copyright 1923 by the Searborn Map Co





NEW REPORT, January, 1935

PAVING—About 6 miles of paved streets.
GRADES—Nearly level.
PUBLIC LIGHTS—Electric.

WATER FACILITIES

Municipal ownership. Source from 3 wells, 68'± and 3 wells, 66'±, located 1 mile northeast of Pauls Valley. Gravity pressure system. One 100,000 gallon settling tank and one 60,000 gallon clear water tank. One 100,000 gallon centrifugal electric driven pump, capacity 300 gallons per minute. One 100,000 gallon centrifugal electric driven pump, capacity 100 gallons per minute. One 2 1/2" C. C. Cook size 14" centrifugal electric driven lift pump, four with capacity of 60 gallons per minute each, and two with capacity of 30 gallons per minute each. One 80,000 gallon standpipe, elevated 100' above business section on steel trestle.

FIRE DEPARTMENT

Chief and 1 assistant chief, both partly paid. 2 paid men sleeping at Fire Station and 12 volunteers, paid for calls. 1 station.
1 White triple combination chemical, pump and hose truck with one 40 gallon chemical tank, 200' 1" hose, 600 gallons per minute Northern rotary pump, 1,200' 1/2" hose, one 20' extension ladder, one 17' roof ladder and two 2 gallon chemical extinguishers. 1 Seagrave triple combination pumper truck, capacity 600 gallons per minute with 200' 1 1/2", 1,500' 2 1/2" hose and one 100 gallon booster tank.
Fire alarm by siren on City Hall and telephone.

FIRE-RESISTIVE ROOFING ORDINANCE

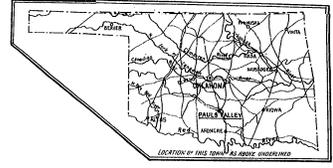
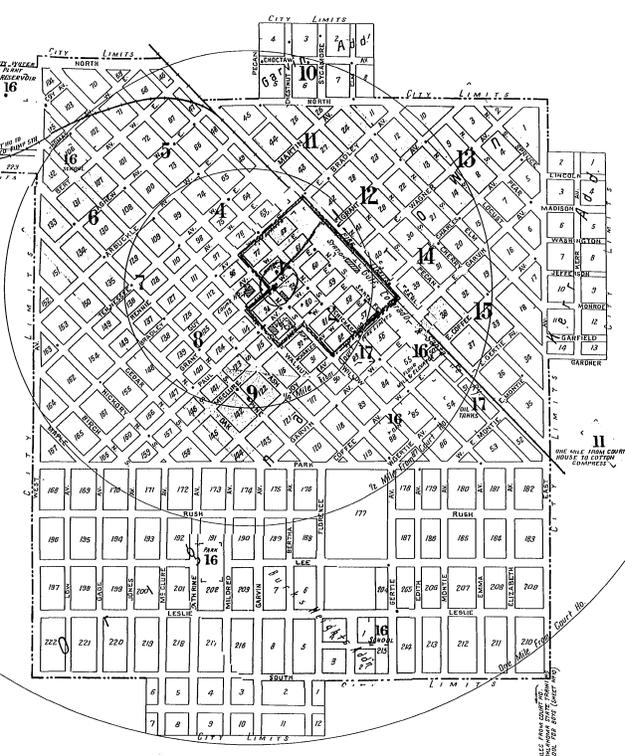
Ordinance prohibits use of wooden shingle roofs in Fire Limits Only.



CORRECTION RECORD table with columns: REV. NO., DATE OF CORRECTION, ATTACHED BY, DATE ATTACHED.

KEY table listing symbols for various features: 1/4" WALLS AND ROOF, 1/4" WALLS AND ROOF, 1/4" WALLS AND ROOF, etc.

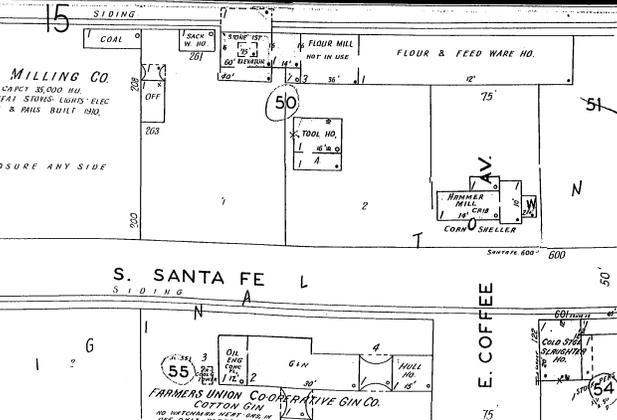
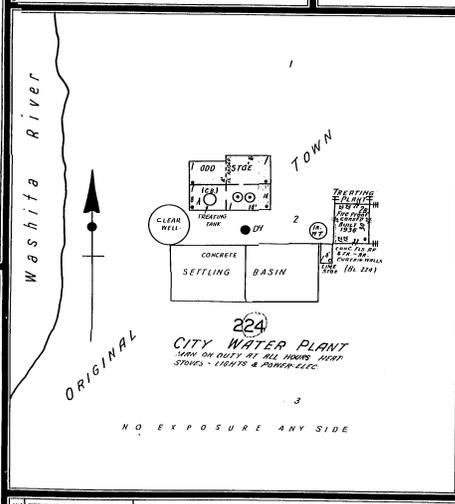
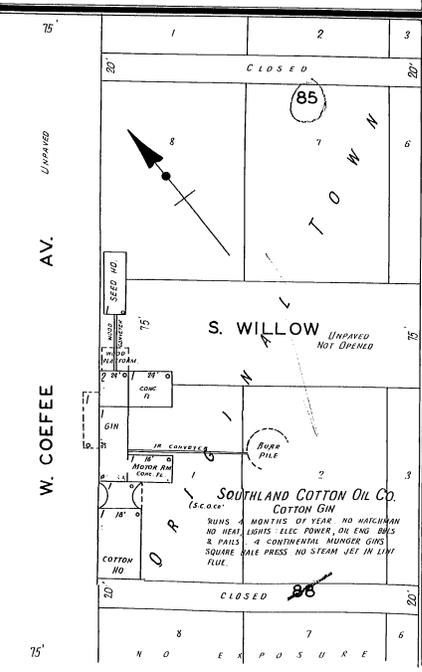
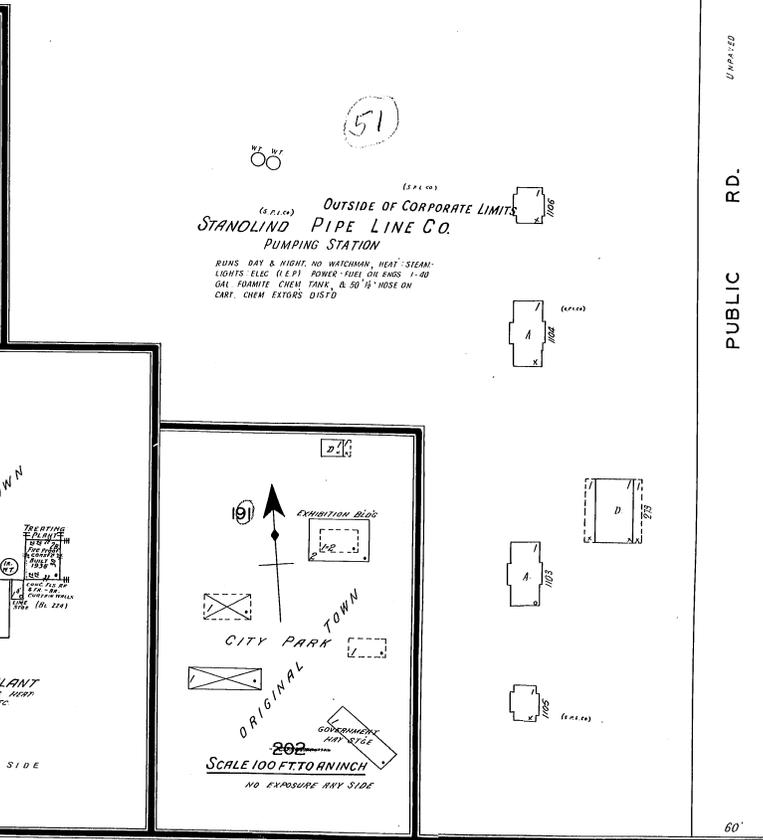
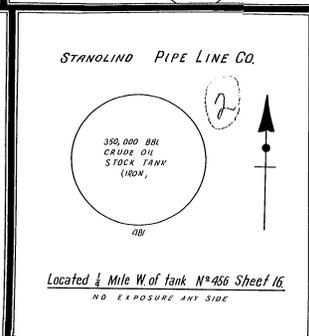
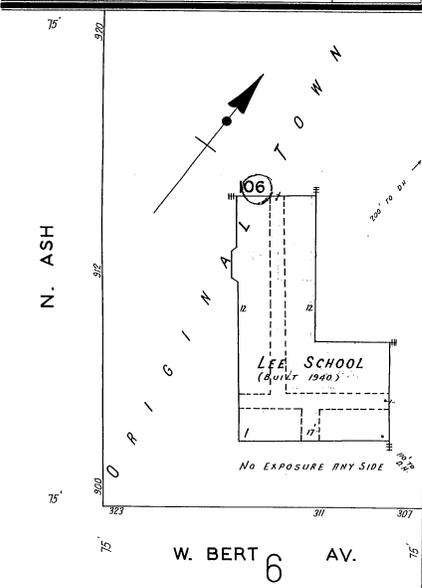
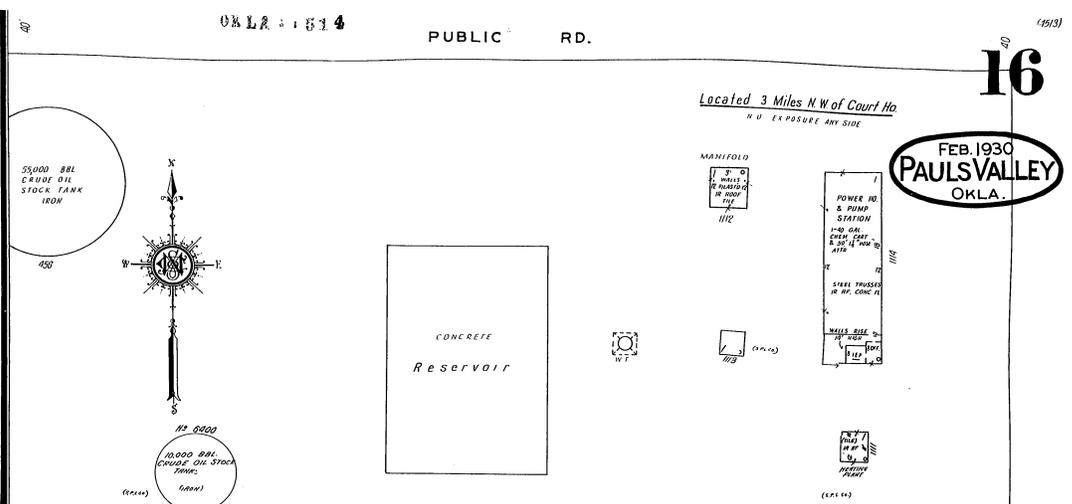
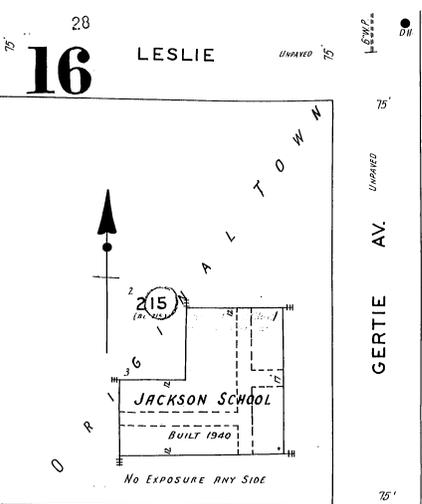
Scale 800 feet to one inch (Approx.)



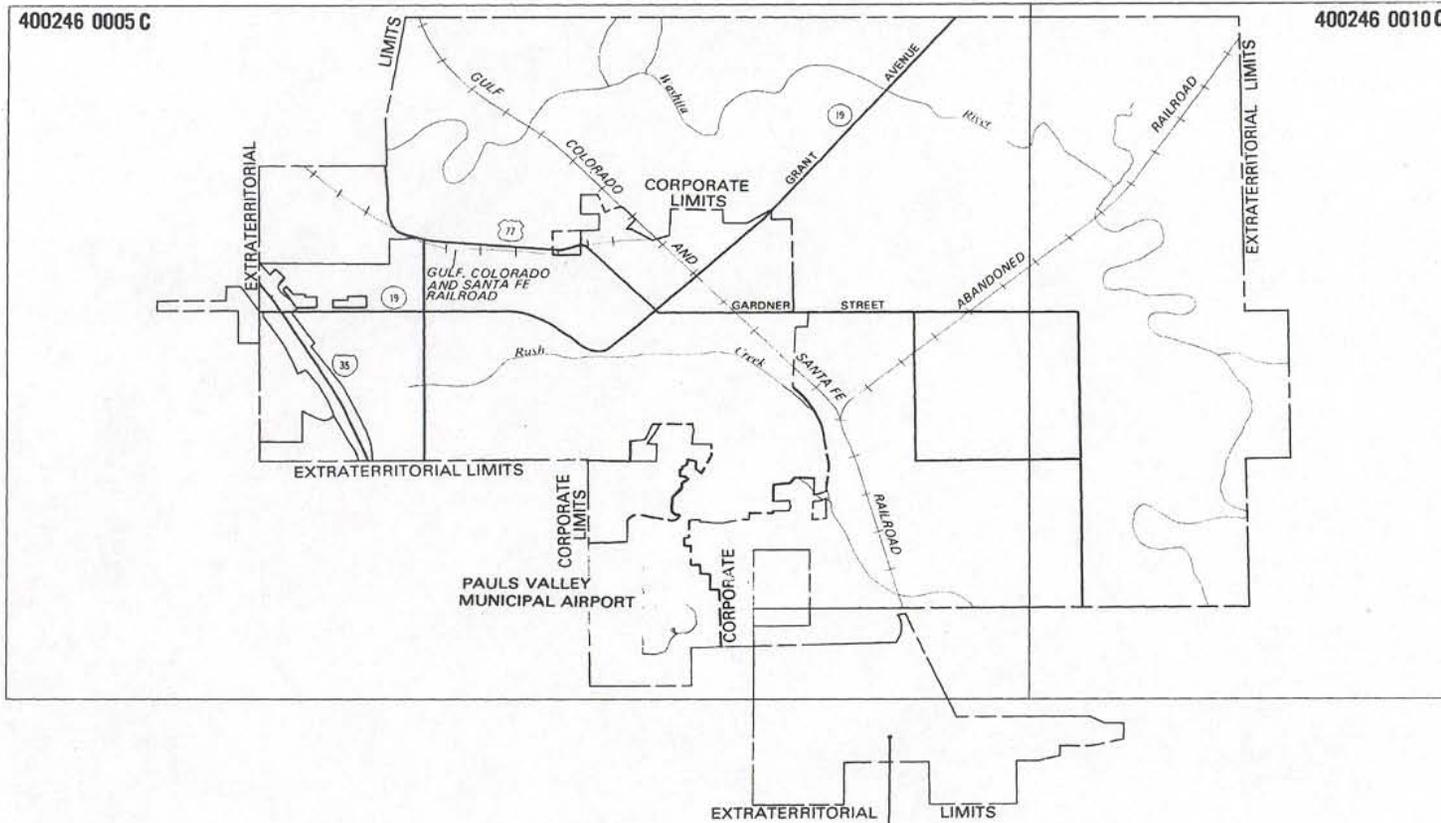
INDEX

INDEX table listing streets and their corresponding page numbers. Columns include street names and page numbers.

* Indicates only one side of Street shown.



Pauls Valley FEMA Flood Insurance Map



THIS AREA IS SHOWN AS INSET A ON PANEL 400246 0005



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
PAULS VALLEY,
OKLAHOMA
GARVIN COUNTY

MAP INDEX
PANELS PRINTED: 5, 10

COMMUNITY-PANEL NUMBERS
400246 0001-0010

MAP REVISED:
MAY 6, 1996



Federal Emergency Management Agency

MAP REPOSITORY
City Hall, City of Pauls Valley
220 West Paul Avenue, Pauls Valley, Oklahoma 73075
(Maps available for reference only, not for distribution.)

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Map created by Savannah Richards
on 02/22/11.

We make every effort to provide and maintain accurate, complete, usable, and timely information. However, some data and information on this map may be preliminary or out of date and is provided with the understanding that it is not guaranteed to be correct or complete. Conclusions drawn from, or actions undertaken on the basis of, such data and information are the sole responsibility of the user.



Pauls Valley FEMA Flood Insurance Rate Map

LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD

ZONE AE Base Flood elevations determined.

ZONE AH Flood depths of 1 to 3 feet usually areas of ponding; base flood elevations determined.

ZONE AD Flood depths of 1 to 3 feet usually sheet flow on sloping terrain; average depths determined. For areas of sheet flow flooding, velocities also determined.

ZONE A99 To be protected from 100-year flood by federal flood protection system under construction; no base flood elevations determined.

ZONE V Coastal flood with velocity hazard (wave action); no base flood elevations determined.

ZONE VE Coastal flood with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

ZONE X Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.

OTHER AREAS

ZONE X Areas determined to be outside 500-year floodplain.

ZONE D Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS

Identified 100
Identified 500
Coastal Barrier Areas are normally located within or adjacent to special flood hazard areas.

Floodway Boundary
Floodway Boundary
Zone D Boundary
Boundary Delineating Special Flood Hazard Zones, and Boundary Delineating Areas of Different Coastal Base Flood Recurrence Within Special Flood Hazard Zones.
Base Flood Elevation Line: Elevation in feet*
Cross Section Line
(E.L. 807)
Base Flood Elevation in feet Where Unknown Within Zone*
Elevation Reference Mark
River Mile
*Referenced to the National Geodetic Vertical Datum of 1955

NOTES

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size, or all planimetric features outside Special Flood Hazard Areas. The community map preparator should be consulted for possible updated flood hazard information prior to use of this map for property purchase or other purposes.

Coastal base flood elevations apply only to landward of BRECVD, and include the effects of wave action. Base elevations may also differ significantly from those developed by the National Weather Service for hurricane evacuation planning.

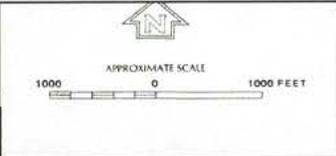
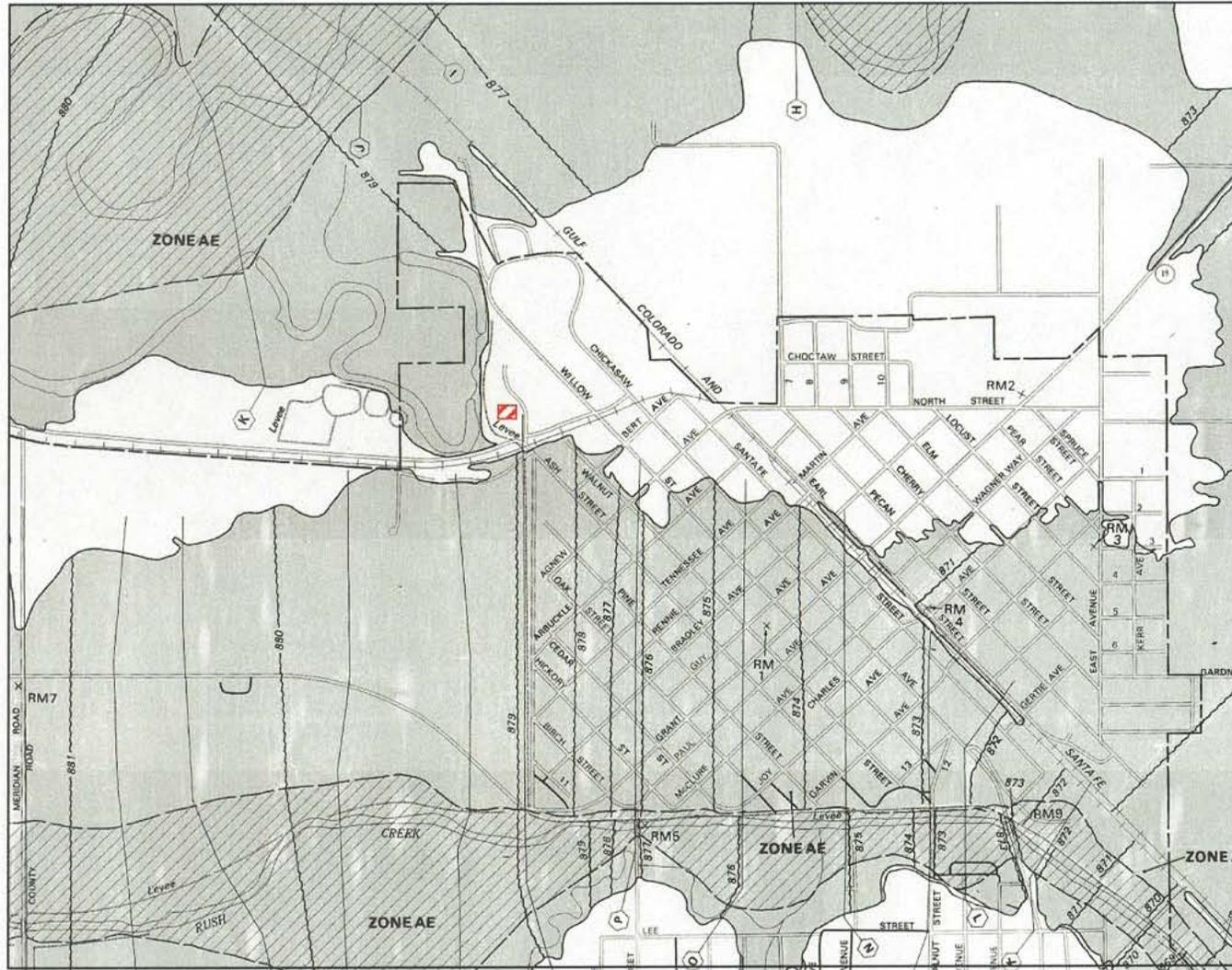
Areas of special flood hazard (100-year flood) include Zones A, AE, AD, A99, V, and VE.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic computations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Floodway widths are provided in the Flood Insurance Study Report.

MAP REVISIONS:
City Hall, City of Pauls Valley
220 West Paul Avenue, Pauls Valley, Oklahoma 73075
(Maps available for reference only, not for distribution.)
INITIAL IDENTIFICATION:
JULY 8, 1977
FLOOD HAZARD BOUNDARY MAP REVISIONS:
FLOOD INSURANCE RATE MAP EFFECTIVE:
SEPTEMBER 17, 1980
FLOOD INSURANCE RATE MAP REVISIONS:
Map revised: May 6, 1996, to update corporate limits, to change base flood elevations, to add base flood elevations, to add special flood hazard areas, to change zone designations, to update map format, and to add roads and road names.



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
PAULS VALLEY,
OKLAHOMA
GARVIN COUNTY

PANEL 5 OF 10

COMMUNITY-PANEL NUMBER
400246 0005 C

MAP REVISED:
MAY 6, 1996

Federal Emergency Management Agency

 Pauls Valley Armory

Map created by Savannah Richards
on 02/22/11.

We make every effort to provide and maintain accurate, complete, usable, and timely information. However, some data and information on this map may be preliminary or out of date and is provided with the understanding that it is not guaranteed to be correct or complete. Conclusions drawn from, or actions undertaken on the basis of, such data and information are the sole responsibility of the user.



APPENDIX B:

Records Review

- NPL & CERCLIS Searches
- RCRA CORRACTs & non-CORRACTS
TSD List Search
- RCRA Generators List Search
- Federal ERNS Search
- State Leaking UST Search
- State Registered UST Search
 - Caldwell Environmental Removal Reports for Pauls
Valley Armory UST:
 - Initial Response & Abatement Report
 - UST Closure Report
 - ORBCA Tier 1/1A Report
 - UST Final Closure Report
- State VCP Sites Search
- State Brownfield Sites Search
- Oil & Gas Records Search

Oklahoma (8 sites)						
Site Name	City	CERCLIS ID	Final Listing Date	Site Score	Federal Facility Indicator	Additional Information
Hardage/Criner	Criner	OKD000400093	09 / 08 / 1983	51.01	No	Site Listing Narrative Site Progress Profile Federal Register Notice
Hudson Refinery	Cushing	OKD082471988	07 / 22 / 1999	29.34	No	Site Listing Narrative Site Progress Profile Federal Register Notice
Imperial Refining Company	Ardmore	OK0002024099	07 / 27 / 2000	30.00	No	Site Listing Narrative Site Progress Profile Federal Register Notice
Mosley Road Sanitary Landfill	Oklahoma City	OKD980620868	02 / 21 / 1990	38.06	No	Site Listing Narrative Site Progress Profile Federal Register Notice
Oklahoma Refining Co.	Cyril	OKD091598870	02 / 21 / 1990	46.01	No	Site Listing Narrative Site Progress Profile Federal Register Notice
Tar Creek (Ottawa County)	Ottawa County	OKD980629844	09 / 08 / 1983	58.15	No	Site Listing Narrative Site Progress Profile Federal Register Notice
Tinker Air Force Base (Soldier)	Oklahoma City	OK1571724391	07 / 22 / 1987	42.24	Yes	Site Listing Narrative

Oklahoma (8 sites)							
Site Name	City	CERCLIS ID	Final Listing Date	Site Score	Federal Facility Indicator	Additional Information	
Creek/Building 3001)	Collinsville	OKD987096195	01 / 19 / 1999	50.00	No	Site Progress Profile Federal Register Notice	
Tulsa Fuel and Manufacturing						Site Listing Narrative Site Progress Profile Federal Register Notice	
Oregon (13 sites)							
Site Name	City	CERCLIS ID	Final Listing Date	Site Score	Federal Facility Indicator	Additional Information	M It
Black Butte Mine	Cottage Grove	OR0000515759	03 / 04 / 2010	50.00	No	Site Listing Narrative Site Progress Profile Federal Register Notice	
Formosa Mine	Riddle	ORN001002616	09 / 19 / 2007	50.00	No	Site Listing Narrative Site Progress Profile Federal Register Notice	
Fremont National Forest/White King and Lucky Lass Uranium Mines (USDA)	Lake County	OR7122307658	04 / 25 / 1995	50.00	Yes	Site Listing Narrative Site Progress Profile Federal Register Notice	
Harbor Oil	Portland	ORD071803985	09 / 29 / 2003	48.00	No	Site Listing Narrative Site Progress Profile Federal Register Notice	

Oklahoma (5 sites)					
Site Name (CERCLIS ID)	City	Deletion Date	Site Score	Additional Information	Map It!
Compass Industries (Avery Drive) (OKD980620983)	Tulsa	07/18/2002	36.57	Site Listing Narrative Site Progress Profile Notice of Intent for Deletion (5 pp, 90K) Deletion FR Notice	
Double Eagle Refinery Co. (OKD007188717)	Oklahoma City	08/21/2008	30.83	Site Listing Narrative Site Progress Profile Notice of Intent for Deletion (1 pg, 61K) Deletion FR Notice	
Fourth Street Abandoned Refinery (OKD980696470)	Oklahoma City	08/21/2008	30.67	Site Listing Narrative Site Progress Profile Notice of Intent for Deletion (2 pp, 77K) Deletion FR Notice	
Sand Springs Petrochemical Complex (OKD980748446)	Sand Springs	03/17/2000	28.86	Site Listing Narrative Site Progress Profile Notice of Intent for Deletion (7 pp, 571K) Deletion FR Notice	
Tenth Street Dump/Junkyard (OKD980620967)	Oklahoma City	11/21/2000	30.98	Site Listing Narrative Site Progress Profile Notice of Intent for Deletion (4 pp, 160K) Deletion FR Notice	
Oregon (4 sites)					
Site Name (CERCLIS ID)	City	Deletion Date	Site Score	Additional Information	Map It!
Allied Plating, Inc. (ORD009051442)	Portland	11/14/1994	39.25	Site Listing Narrative Site Progress Profile Notice of Intent for Deletion (2 pp, 37K) Deletion FR Notice	
Gould, Inc. (ORD095003687)	Portland	09/30/2002	32.12	Site Listing Narrative Site Progress Profile	



http://cfpub.epa.gov/supercpad/cursites/srchrslt.cfm?start=1&CFID=14856959&CFTOKEN=95952112&jsessionid=3830c0943118bb88e29b6f46c67570e8011
 Last updated on Friday, May 06, 2011

Superfund

You are here: [EPA Home](#) | [Superfund](#) | [Sites](#) | [Superfund Information Systems](#) | [Search Superfund Site Information](#)

Search Superfund Site Information

Disclaimer:

The CERCLIS Public Access Database contains a selected set of "non-enforcement confidential" information and is updated by the regions every 90 days. The data describes what has happened at Superfund sites prior to this quarter (updated quarterly). This database includes lists of involved parties (other Federal Agencies, states, and tribes), Human Exposure and Ground Water Migration, and Site Wide Ready for Reuse, Construction Completion, and Final Assessment Decision (GPRA-like measures) for fund lead sites. Other information that is included has been included only as a service to allow public evaluations utilizing this data. Independent Quality Assessments may be made of this data by reviewing the [QAPP provided by this link](#). (PDF 29pp, 124K)

Search Results

Search Criteria:

Active vs. Archived:

City:

County:

State(s):

Active What are active and archived sites?

PAULS VALLEY

GARVIN

Oklahoma

Found **0** site(s) that match your search criteria listed above.

To conduct another search, return to the [Search Superfund Site Information](#) page or request a [Customized SIS Report](#).

[OSWER Home](#) | [Superfund Home](#)

URL: <http://cfpub.epa.gov>

This page design was last updated on Friday, July 16, 2010

Content is dynamically generated by ColdFusion



http://cfpub.epa.gov/supercpad/cursites/srchrslt.cfm?start=1&CFID=14856959&CFTOKEN=95952112&jsessionid=3830c9943118bb88e29b6f46e67572e8011
 Superfund
 Last updated on Friday, July 06, 2011

You are here: [EPA Home](#) | [Superfund](#) | [Sites](#) | [Superfund Information Systems](#) | [Search Superfund Site Information](#)

Search Superfund Site Information

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Search Results

Search Criteria:

Active vs. Archived:

Archived [What are active and archived sites?](#)

City:

PAULS VALLEY

County:

GARVIN

State(s):

Oklahoma

Found **2** site(s) that match your search criteria listed above.

To conduct another search, return to the [Search Superfund Site Information](#) page or request a [Customized SIS Report](#).

Save results in Excel format

Displaying sites 1 through 2

EPA ID ▼	Site Name ▼	City ▼	County ▼	State ▼	Non-NPL Status ▼	Non-NPL Status Date ▼	NPL Status ▼
OKD000758888	AMF TUBOSCOPE	PAULS VALLEY	GARVIN	OK	NF	11/01/1983	Not NPL
OKD981598782	PRO AG SERVICES	PAULS VALLEY	GARVIN	OK	NF	11/01/1987	Not NPL

Displaying sites 1 through 2

[OSWER Home](#) | [Superfund Home](#)

URL: <http://cfpub.epa.gov>

This page design was last updated on Friday, July 16, 2010

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4.1



Superfund

http://cfpub.epa.gov/supercpad/cursites/csitinfo.cfm?id=0601489
Last updated on Wednesday, January 12, 2011

You are here: [EPA Home](#) | [Superfund](#) | [Sites](#) | [Superfund Information Systems](#) | [Search Superfund Site Information](#)

Search Superfund Site Information

PRO AG SERVICES

Site Information

[Site Info](#) | [Aliases](#) | [Operable Units](#) | [Contacts](#)
[Actions](#) | [Contaminants](#) | [Site-Specific Documents](#)

This site has been archived from the inventory of active sites.

Site Name: PRO AG SERVICES

Street: .5 MI E I-35 ON AIRPORT RD

City / State / ZIP: PAULS VALLEY, OK 73075

NPL Status: Not on the NPL

Non-NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

EPA ID: OKD981598782

EPA Region: 06

County: GARVIN

Federal Facility Flag: Not a Federal Facility

[Return to Search Results](#)

[Return to Search Superfund Site Informati](#)

[OSWER Home](#) | [Superfund Home](#)

URL: http://cfpub.epa.gov/supercpad/cursites/csitinfo.cfm
This page design was last updated on Tuesday, June 23, 2009
Content is dynamically generated by ColdFusion

*This site is
3 mi S of Armory*



Superfund

<http://cfpub.epa.gov/supercpad/cursites/csitinfo.cfm?id=0600998>
Last updated on Wednesday, January 12, 2011

You are here: [EPA Home](#) | [Superfund](#) | [Sites](#) | [Superfund Information Systems](#) | [Search Superfund Site Information](#)

Search Superfund Site Information

AMF TUBOSCOPE

Site Information

[Site Info](#) | [Aliases](#) | [Operable Units](#) | [Contacts](#)
[Actions](#) | [Contaminants](#) | [Site-Specific Documents](#)

This site has been archived from the inventory of active sites.

Site Name: AMF TUBOSCOPE

Street: HWY 19 E & HAMINTON RD

City / State / ZIP: PAULS VALLEY, OK 73075

NPL Status: Not on the NPL

Non-NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

EPA ID: OKD000758888

EPA Region: 06

County: GARVIN

Federal Facility Flag: Not a Federal Facility

[Return to Search Results](#)

[Return to Search Superfund Site Information](#)

[OSWER Home](#) | [Superfund Home](#)

URL: <http://cfpub.epa.gov/supercpad/cursites/csitinfo.cfm>
This page design was last updated on Tuesday, June 23, 2009
Content is dynamically generated by ColdFusion

*This site is
2.8 mi NE of Armory*

4.3

CA...&procname=&program_search=2&report=1&page_no=1&output_sql_switch=TRUE&database_type=RCRAINFO



Envirofacts Search Results

 RCRAInfo



Data Disclaimer

Only RCRAInfo facility information was searched to select facilities

[<< Return](#)

City Name: Pauls Valley

County Name: Garvin

State Abbreviation: OK

Handler Type: SUBJCA

Results are based on data extracted on APR-18-2011

Total Number of Facilities Displayed: 0

Last updated on Friday, May 06, 2011

General Handler Report

Report run on: April 9, 2010 12:06 PM

Version: 5.0

User Selection Criteria

Location:	OKLAHOMA
Handler Name:	
Handler ID:	
County:	None Chosen
State District:	None Chosen
Location Street:	
Location City:	
Location Zip:	
NAICS:	
Group of IDs:	None Chosen
Handler Universe:	TSD - ANY TSD
Sort Order:	Handler Name, Handler ID

Results

Data meeting the criteria you selected follows.

Total Pages: 7

Total Handlers: 13

Report Description

This report lists the most recent location and contact information for each source type for facilities that meet the user selection criteria.. TSD, Generator, and Transporter status are also listed. The report shows the standard suite of handler universes.

Report Information

Name: h_general.rdf
Developed by: EPA Headquarters, Office of Resource Conservation and Recovery
Deployed: November 2002
Last Revised: February 2010
Contact: rcrainfo.help@epa.gov
Tables Used: hreport_univ5, handler5, hstate_activity5, lu_state, lu_state_activity, lu_generator_status, hid_groups
Libraries: none

General Handler Report

Report run on: April 9, 2010 - 12:06 PM

OKLAHOMA		REGION 06	
Handler ID	Handler Name	Location Address	Location City, State, Zip
Contact Type	Contact Name(s)	Contact Address	Contact City, State, Zip
State District	County	State District	County
Contact Phone / Fax / Email	Contact Phone / Fax / Email	Contact Phone / Fax / Email	Contact Phone / Fax / Email
OKD000402396	A CLEAN ENVIRONMENT	2700 S 25TH W AVE	TULSA, OK 74107
Biennial Report:	ELIZABETH COBIANCHI	2700 S 25TH W AVE	TULSA, OK 74107
Part A:	ROB BOYD	2700 S 25TH W AVE	TULSA, OK 74107
Implementer:	ELIZABETH COBIANCHI	2700 S 25TH W AVE	TULSA, OK 74107
Notification:	ROB BOYD	2700 S 25TH W AVE	TULSA, OK 74107
Universes:	Federal Generator: LOG	Transporter: Y	Onsite Burner Exempt: N
	State Generator: OK-N	Transfer Facility: N	Furnace Exemption: N
	Short Term Generator: N	Operating TSD: ---ST	Underground Injection: N
	Importer: N	Commercial TSD: Y	HSM: N
	Mixed Waste Generator: N	Recycler: N	Lg Qty Universal Waste: Y
	Active Flag: Y		UW Destination Facility: Y
OKD065438376	CLEAN HARBORS LONE MOUNTAIN, LLC	ROUTE 2 BOX 170 MAJOR COUNTY	WAYNOKA, OK 73860
Biennial Report:	ALAN J ADAIR	ROUTE 2 BOX 170	WAYNOKA, OK 73860
Part A:	DOUG MCCLAIN	ROUTE 2 BOX 170	WAYNOKA, OK 73860-9622
Implementer:	ALAN J ADAIR	ROUTE 2 BOX 170	WAYNOKA, OK 73860
Notification:	DOUG MCCLAIN	ROUTE 2 BOX 170	WAYNOKA, OK 73860
Universes:	Federal Generator: LOG	Transporter: N	Onsite Burner Exempt: N
	State Generator: OK-N	Transfer Facility: N	Furnace Exemption: N
	Short Term Generator: N	Operating TSD: L--ST	Underground Injection: N
	Importer: N	Commercial TSD: Y	HSM: N
	Mixed Waste Generator: N	Recycler: N	Lg Qty Universal Waste: N
	Active Flag: Y		UW Destination Facility: N
OKD000803601	CONCOPHILLIPS COMPANY	U.S. HIGHWAY 60 WEST	BARTLESVILLE, OK 74004
Universes:	Federal Generator: LOG	Transporter: Y	Onsite Burner Exempt: N
	State Generator: OK-N	Transfer Facility: N	Furnace Exemption: N
	Short Term Generator: N	Operating TSD: ---S-	Underground Injection: N
	Importer: N	Commercial TSD: N	HSM: N
	Mixed Waste Generator: Y	Recycler: N	Lg Qty Universal Waste: N
	Active Flag: Y		UW Destination Facility: N

General Handler Report

Report run on: April 9, 2010 - 12:06 PM

OKLAHOMA		REGION 06								
Handler ID	Handler Name	Location Address	Location City, State, Zip	State District	County					
Contact Type	Contact Name(s)	Contact Address	Contact City, State, Zip	Contact Phone / Fax	Email					
OKKD000814228	HALLIBURTON ENERGY SERVICES, INC.	100 EAST HWY 7	DUNCAN, OK 735360365		STEPHENS / OK137					
Biennial Report: TERRY L BYERLY										
Part A: TERRY BYERLY PO DRAWER 1431 DUNCAN, OK 73536-0365 Phone: (580) 251-3225 Email: beverly.george@halliburton.com										
Implementer: TERRY L BYERLY P. O. DRAWER 1431 DUNCAN, OK 73536-0365 Phone: (580) 251-3225 Email: beverly.george@halliburton.com										
Notification: TERRY BYERLY PO DRAWER 1431 DUNCAN, OK 73536-0365 Phone: (580) 251-4151										
Universes:	Federal Generator:	LOG	Transporter:	Y	Onsite Burner Exempt:	N	Used Oil Transporter:	N	Used Oil Off-Spec Burner:	N
	State Generator:	OK-N	Transfer Facility:	N	Furnace Exemption:	N	Used Oil Transfer Facility:	Y	Subpart K/College:	N
	Short Term Generator:	N	Operating TSDf:	---S-	Underground Injection:	N	Used Oil Processor:	N	Subpart K/Hospital:	N
	Importer:	N	Commercial TSDf:	N	HSM:	N	Used Oil Re-refiner:	N	Subpart K/Non-profit:	N
	Mixed Waste Generator:	N	Recycler:	N	Lg Qty Universal Waste:	N	Used Oil Burner:	N	Subpart K/Withdrawal:	N
	Active Flag:	Y			UW Destination Facility:	N	Used Oil Fuel Marketer:	N		
OKD990750960	HOLLY EAST TULSA REFINERY	3333 SOUTHWEST BLVD	TULSA, OK 74107		TULSA / OK143					
Biennial Report: STEVE MOYER										
Part A: ENV-SPEC CHRISTENSOM PO BOX 31825 SALT LAKE CITY, UT 84131 Phone: (918) 588-1197 Email: smoyer@trsoc.com										
Implementer: STEVE MOYER P.O. BOX 970 TULSA, OK 74101 Phone: (801) 363-5100 Email: smoyer@trsoc.com										
Notification: JAMES E RESINGER 3333 SOUTHWEST BLVD TULSA, OK 74107 Email: jim.resinger@hollycorp.com										
Universes:	Federal Generator:	LOG	Transporter:	N	Onsite Burner Exempt:	N	Used Oil Transporter:	N	Used Oil Off-Spec Burner:	N
	State Generator:	OK-N	Transfer Facility:	N	Furnace Exemption:	N	Used Oil Transfer Facility:	N	Subpart K/College:	N
	Short Term Generator:	N	Operating TSDf:	L----	Underground Injection:	N	Used Oil Processor:	N	Subpart K/Hospital:	N
	Importer:	N	Commercial TSDf:	N	HSM:	N	Used Oil Re-refiner:	N	Subpart K/Non-profit:	N
	Mixed Waste Generator:	N	Recycler:	N	Lg Qty Universal Waste:	N	Used Oil Burner:	N	Subpart K/Withdrawal:	N
	Active Flag:	Y			UW Destination Facility:	N	Used Oil Fuel Marketer:	N		
OK6213822798	MCALESTER ARMY AMMUNITION PLANT	1 C TREE RD	MCALESTER, OK 745019002		PITTSBURG / OK121					
Biennial Report: LARRY A BURNETT										
Part A: WALTER J SHELTON HWY 69 SOUTH MCALESTER, OK 74501 Phone: (918) 420-6553 ext. 6553 Email: larry.a.burnett@us.army.mil										
Implementer: LARRY A BURNETT 1 C TREE RD MCALESTER, OK 74501-9002 Phone: (918) 421-2211 Email: larry.a.burnett@us.army.mil										
Notification: WYNA GRIPPANDO 1 C TREE RD MCALESTER, OK 74501-9002 Phone: (918) 420-6552										
Universes:	Federal Generator:	LOG	Transporter:	Y	Onsite Burner Exempt:	N	Used Oil Transporter:	N	Used Oil Off-Spec Burner:	N
	State Generator:	OK-N	Transfer Facility:	N	Furnace Exemption:	N	Used Oil Transfer Facility:	N	Subpart K/College:	N
	Short Term Generator:	N	Operating TSDf:	---S-	Underground Injection:	N	Used Oil Processor:	N	Subpart K/Hospital:	N
	Importer:	Y	Commercial TSDf:	N	HSM:	N	Used Oil Re-refiner:	N	Subpart K/Non-profit:	N
	Mixed Waste Generator:	Y	Recycler:	N	Lg Qty Universal Waste:	Y	Used Oil Burner:	N	Subpart K/Withdrawal:	N
	Active Flag:	Y			UW Destination Facility:	N	Used Oil Fuel Marketer:	N		

General Handler Report

Report run on: April 9, 2010 - 12:06 PM

OKLAHOMA		REGION 06	
Handler ID	Handler Name	Location Address	Location City, State, Zip
Contact Type	Contact Name(s)	Contact Address	Contact City, State, Zip
State District	County	State District	County
Contact Phone / Fax / Email			
OKD000763821	SAFETY-KLEEN SYSTEMS, INC.	16319 E MARSHALL ST	TULSA, OK 74116
Universes:	LOG	Transporter:	Y
Federal Generator:	OK-N	Transfer Facility:	N
State Generator:	N	Operating TSDF:	---S-
Short Term Generator:	N	Commercial TSDF:	Y
Importer:	N	Recycler:	N
Mixed Waste Generator:	Y	Lg Qty Universal Waste:	N
Active Flag:	Y	UW Destination Facility:	N
OK1571724391	TINKER AIR FORCE BASE	7535 5TH ST	TINKER AFB, OK 731459100
Biennial Report:	ANITA A DODD		Phone: (405) 734-3278
Part A:	CATHY-L TAYLOR	2854 ABG/CC	Email: anita.dodd@tinker.af.mil
Implementer:	ANITA A DODD	7535 5TH ST	Phone: (405) 734-3201
Notification:	CATHY-L TAYLOR	2854 ABG/CC	Phone: (405) 734-3278
Universes:	LOG	Transporter:	Y
Federal Generator:	OK-N	Transfer Facility:	N
State Generator:	N	Operating TSDF:	---S-
Short Term Generator:	N	Commercial TSDF:	N
Importer:	N	Recycler:	N
Mixed Waste Generator:	N	Lg Qty Universal Waste:	Y
Active Flag:	Y	UW Destination Facility:	N
OKD987097151	TRICAT INC	100 STEVEN TAYLOR BLVD	MCALESTER, OK 74501
Biennial Report:	STEPHANIE R MORRIS		Phone: (918) 423-5800 ext. 11
Part A:	GORDON FRAMPTON	103 TAYLOR BLVD	Email: smorris@tricatgroup.com
Implementer:	STEPHANIE R MORRIS	PO BOX 789	Phone: (918) 423-5800
Notification:	CURT BECK	103 TAYLOR BLVD	Phone: (918) 423-5800 ext. 11
Universes:	LOG	Transporter:	Y
Federal Generator:	OK-N	Transfer Facility:	N
State Generator:	N	Operating TSDF:	---S-
Short Term Generator:	N	Commercial TSDF:	N
Importer:	N	Recycler:	N
Mixed Waste Generator:	N	Lg Qty Universal Waste:	N
Active Flag:	Y	UW Destination Facility:	N

General Handler Report

Report run on: April 9, 2010 - 12:06 PM

OKLAHOMA		REGION 06	
Handler ID	Handler Name	Location Address	Location City, State, Zip
Contact Type	Contact Name(s)	Contact Address	Contact City, State, Zip
State District	County	Contact Phone / Fax / Email	Contact Phone / Fax / Email
OKD057705972	VALERO ARDMORE REFINERY	HIGHWAY 142 BYPASS	ARDMORE, OK 73401
Biennial Report:	RODNEY W COLE		CARTER / OK019
Part A:	STEPHEN L LONG	PO BOX 188	Phone: (580) 221-3155 ext. 3155
Implementer:	RODNEY W COLE	P.O. BOX 188	Email: rodney.cole@valero.com
Notification:	ALLEN F DUBEA	PO BOX 188	Phone: (580) 221-3155 ext. 3155
			Email: rodney.cole@valero.com
			Phone: (580) 223-0534 ext. 3110
Universes:	Federal Generator:	LAQG	Transfer Facility:
	State Generator:	OK-N	Operating TSDf:
	Short Term Generator:	N	Commercial TSDf:
	Importer:	N	Recycler:
	Mixed Waste Generator:	N	Active Flag:
		Y	
OKD000396549	WYNNNEWOOD REFINING COMPANY	906 SPowell	WYNNNEWOOD, OK 73098
Biennial Report:	SIDNEY G CABBINISS		GARVIN / OK049
Part A:	WALLACE HOELSCHER	PO BOX 305	Phone: (405) 665-6601
Implementer:	SIDNEY G CABBINISS	P.O. BOX 305	Email: scabbiness@gwec.com
Notification:	DAVID PRUCHA	PO BOX 305	Phone: (580) 665-4311
			Phone: (405) 665-6601
			Email: scabbiness@gwec.com
			Phone: (580) 665-6622
Universes:	Federal Generator:	LAQG	Transfer Facility:
	State Generator:	OK-N	Operating TSDf:
	Short Term Generator:	N	Commercial TSDf:
	Importer:	N	Recycler:
	Mixed Waste Generator:	N	Active Flag:
		Y	

* End of Report *

RCRAInfo Handler List Report

Run Tuesday October 4 2005 2:16 PM

This page shows user selections. Do not discard.

Location	Handler Name	County	Activity Location
<input type="button" value="OK"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Y"/>

A - all
 Y - Matches ID (physical location)
 N - Does NOT match ID
 xx - A state abbreviation means that state was selected as the activity location; physical location-activity location matches are omitted with this option.

Owner/Operator typ	Owner Name	State District	Location City
<input type="button" value="---"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

See note 1 below for explanation

----- Universe Selection -----

f. Subject to CA	no more	no second universe selected
------------------	---------	-----------------------------

Notes:

- 1) **Owner/operator type** works according to a hierarchy. If either Owner or Operator is federal, then the O/O type is federal; if neither is F, but either is State then the O/O type is State; etc. The complete hierarchy is: Federal > State > County > Municipal > District > Indian > Private > Other. "FSL" is a special selection for handlers whose owner or operator is Federal or State or County or Municipal.
- 2) Because of space limitations, there are **no columns in the output for these universes**: Universal waste, Mixed Waste, Importer, Recycler and GPRA CM&E. However, selections of these universes can be made, and that selection is reported on this cover sheet.
- 3) Each character of the 7-character **used oil universe** field represents one subtype, as follows: char. 1 - Transporter, 2 - Transfer facility, 3 - Processor, 4 - Refiner, 5 - Burner, 6 - Market burner, 7 - Spec. Marketer

Report Information 04handler_list.rdf Version 1.00
 Tables used: : hreport_univ_lu_state NOTE: This report uses tables new to Version 2 of RCRAInfo.
 Developed by: EPA Region 4, Atlanta
 Deployed: 1/18/2003
 Revised: 1/16/2002
 Contacts: Bob Reimer (reimer.robert@epa.gov 404 562-8484 or Dave Gray (gray.davidt@epa.gov 404 562-8467)

EPA RCRA Info Handler List Report

See cover page for selections for this run

Run Tuesday October 4 2005 2:16 PM

Region: 06 State: OKLAHOMA

Handler Name Act.Loc County State District	EPA ID Owner Name	Location City	-----GPRA-----				SNC	Gen	Full Enf. TSD	Oper. TSD	Perm. Workld	Clos. Workld	PostCl Workld	Subj- CA	CA Workld	Trans- porter	Used Oil
			CA	Perm.	PostCl.												
ALLIED MATERIALS CORPORATION OK LINCOLN	OKD007192719	STROUD	Y	N	+	N	LQG	L---	---	---	---	L---	Y	Y	N	NNNNNNN	
ASEC MANUFACTURING DBA DELPHI CATALYST OK ROGERS	OKD085953107	CATOOSA DELPHI AUTOMOTIVE SYSTEMS	N	N	N	N	SQG	---	---	---	---	---	Y	N	N	NNNNNNN	
CAVENHAM FOREST INDUSTRIES INC OK SEQUOYAH	OKD010327948	SALLISAW CAVENHAM FOREST INDUSTRIES INC	Y	N	+	N	LQG	L---	---	---	---	L---	Y	Y	N	NNNNNNN	
CENTRILIFT - PUMP PLANT OK ROGERS	OKD000758599	CLAREMORE BAKER HUGHES INC	N	N	N	N	SQG	---	---	---	---	---	Y	N	N	NNNNNNN	
CLEAN HARBORS LONE MOUNTAIN, LLC OK MAJOR	OKD065438376	WAYNOKA CLEAN HARBORS ENVIRONMENTAL SERVIC	N	+	+	N	LQG	L-ST	L-ST	L-ST	---	L---	Y	Y	N	NNNNNNN	
CONOCOPHILLIPS CO (BARTLESVILLE TECH) OK OSAGE	OKD000803601	BARTLESVILLE CONOCOPHILLIPS	N	N	N	N	LQG	-S-	-S-	-S-	---	---	Y	Y	Y	NNNNNNN	
CONOCOPHILLIPS REFINERY/TECHNOLOGY SITE OK KAY	OKD007233836	PONCA CITY CONOCOPHILLIPS	Y	+	+	N	LQG	L-S-	L-S-	L-S-	---	L---	Y	Y	N	NNNNNNN	
CYRIL PETROCHEMICAL CORP OK CADDO	OKD982558900	CYRIL CAYMEU RESPURCES CORP	N	N	N	N	CEG	---	---	---	---	---	Y	Y	N	NNNNNNN	
DUNCAN REFINERY OK STEPHENS	OKD045349982	DUNCAN RESOURCE RECOVERY INC & ENERGY REA	N	N	N	N	LQG	---	---	---	L-ST	---	Y	N	N	NNNNNNN	
EAGLE-PICHER TECH., LLC, EOM DEPT. OK OTTAWA	OKD007158454	QUAPAW EAGLEPICHER INDUSTRIES, INC.	N	+	+	N	LQG	L---	---	---	---	L---	Y	Y	N	NNNNNNN	
EL RENO CITY OF OK CANADIAN	OKD987087152	EL RENO CITY OF EL RENO	N	N	N	N	N	---	---	---	---	---	Y	N	N	NNNNNNN	
EXXON CHEMICAL FACILITY OK PONTOTOC	OKD982558215	ADA EXXON MOBILE	N	N	N	N	CEG	---	---	---	---	---	Y	Y	N	NNNNNNN	
F & K PLATING OK OKLAHOMA	OKD980425045	OKLAHOMA CITY HOWARD MELTON	N	N	N	N	CEG	---	---	---	---	---	Y	N	N	NNNNNNN	
FERGUSON DUMP/WICHITA MTN WILDLIFE REFUG OK COMANCHE	OKR000015404	MEDICINE PARK US DEPT INTERIOR FISH & WILDLIFE SVC	N	N	N	N	N	---	---	---	---	---	Y	N	N	NNNNNNN	
FLYNT MINING CO INC OK CLEVELAND	OKD096143417	NORMAN - no owner info.-	N	N	N	N	N	---	---	---	L---	---	Y	N	N	NNNNNNN	
GREENWAY ENVIRONMENTAL INC OK WAGONER	OKD089761290	HASKELL CLEAN AMERICA CORP	N	+	N	N	N	---	---	---	---	---	Y	Y	Y	NNNNNNN	
HALLIBURTON ENERGY SERVICES, INC. OK STEPHENS	OKD000814228	DUNCAN HALLIBURTON ENERGY SERVICES	N	+	N	N	LQG	-S-	-S-	-S-	---	---	Y	Y	U	UYUUUUU	
HUDSON REFNG CO INC OK PAYNE	OKD082471988	CUSHING HUDSON REFINING COMPANY INC	N	N	N	N	N	---	---	---	-S-	---	Y	Y	N	NNNNNNN	
HUFFMAN WOOD PRESERVING CO INC OK MCCURTAIN	OKD053128492	BROKEN BOW - no owner info.-	N	N	+	N	N	L---	---	---	L---	L---	Y	Y	N	NNNNNNN	
LUCENT TECHNOLOGIES OK OKLAHOMA	OKD007189111	OKLAHOMA CITY LUCENT TECHNOLOGIES	Y	+	N	N	CEG	---	---	---	---	---	Y	Y	N	NNNNNNN	
MADEWELL & MADEWELL, INC. OK OKLAHOMA	OKD032963530	JONES MADEWELL & MADEWELL, INC.	Y	N	N	N	CEG	L---	---	---	---	---	Y	Y	N	NNNNNNN	
MIXON BROTHERS WOOD PRESERVING INC OK MCCURTAIN	OKD007336258	IDABEL GARY AND BOB MIXON	Y	N	+	N	N	L---	---	---	---	L---	Y	Y	N	NNNNNNN	
MOORE NORTH AMERICA OK PAYNE	OKD074274333	STILLWATER MOORE BUSINESS FORMS INC	N	N	N	N	CEG	---	---	---	---	---	Y	Y	N	NNNNNNN	

EPA RCRAInfo Handler List Report

See cover page for selections for this run

Run Tuesday October 4 2005 2:16 PM

Region: 06 State: OKLAHOMA

Handler Name Act.Loc County State District	EPA ID Owner Name	Location City	-----GPRA-----				Full Enf. TSD	Oper. TSD	Perm. Workld	Clos. Workld	PostCl Workld	Subj-CA	CA Workld	Trans- porter	Used Oil
			CA	Perm.	PostCl.	SNC									
NATIONAL STANDARD COMPANY OK PAYNE	OKD065436180 THE HEICO COMPANIES LLC	STILLWATER	N	N	N	N	LQG	---	---	---	---	Y	N	N	NNNNNNNN
OKLAHOMA REFINING COMPANY-CYRIL PLANT OK CADDO	OKD091598870 - no owner info.-	CYRIL	N	N	N	N	N	---	---	L-ST	---	Y	Y		NNNNNNNN
OKMULGEE REFINERY OK OKMULGEE	OKD004998225 BASIN REFINING INC	OKMULGEE	N	N	N	N	N	---	---	L---	---	Y	N	N	NNNNNNNN
PERMA-FIX TRMT. SVC. OK TULSA	OKD000402396 PERMA-FIX ENV SVCS INC	TULSA	N	+	+	Y	LQG	--ST	--ST	--ST	---	Y	Y	U	UUUUUUU
SAFETY-KLEEN SYSTEMS INC (TULSA) OK ROGERS	OKD000763821 - no owner info.-	TULSA	N	+	N	N	LQG	--S-	--S-	--S-	---	Y	Y	Y	YNNNNNN
SAFETY-KLEEN SYSTEMS INC (WHEATLAND) OK OKLAHOMA	OKD980878474 CHARLIE REYNOLDS	OKLAHOMA CITY	N	+	N	N	LQG	--S-	--S-	--S-	---	Y	Y	Y	YNNNNNN
SEABOARD FAIRVIEW NURSERY MCKEE & MOORE OK MAJOR	OKR00016972 UNKNOWN	BADO	N	N	N	N	N	---	---	---	---	Y	Y	N	NNNNNNNN
SEABOARD LACEY 1 BRYAN SOW AND NORRIS OK KINGFISHER	OKR00016998 UNKNOWN	LACEY	N	N	N	N	N	---	---	---	---	Y	Y	N	NNNNNNNN
SEABOARD LACEY 3 WATSON OK KINGFISHER	OKR00017012 UNKNOWN	LACEY	N	N	N	N	N	---	---	---	---	Y	Y	N	NNNNNNNN
SEABOARD LACEY 4 GRIMES FINISHER OK KINGFISHER	OKR00017004 UNKNOWN	LACEY	N	N	N	N	N	---	---	---	---	Y	Y	N	NNNNNNNN
SEABOARD LACEY 6 MILLER OK KINGFISHER	OKR00016980 UNKNOWN	DOVER	N	N	N	N	N	---	---	---	---	Y	Y	N	NNNNNNNN
SEQUOYAH FUELS CORP OK SEQUOYAH	OKD051961183 SEQUOYAH FUEL INTERNATIONAL CORP	GORE	N	N	N	N	N	---	---	---	---	Y	Y	N	NNNNNNNN
SHEFFIELD STEEL CORPORATION OK TULSA	OKD007219181 SHEFFIELD STEEL CORPORATION	SAND SPRINGS	N	N	N	N	LQG	---	---	---	---	Y	Y	N	NNNNNNNN
SINCLAIR OIL CORPORATION-TULSA REFINERY OK TULSA	OKD990750960 SINCLAIR OIL CORPORATION	TULSA	Y	+	+	N	LQG	L---	L---	L---	---	Y	Y	N	NNNNNNNN
SOUTHWEST PICKLING INC OK BRYAN	OKD091991968 ROBY MERSECHI	DURANT	N	N	N	N	N	---	---	---	---	Y	N	N	NNNNNNNN
STANDARD IRON & METAL CO INC OK OKLAHOMA	OKD990699423 STANDARD IRON & METAL CO	OKLAHOMA CITY	N	N	N	N	N	---	---	---	---	Y	Y	N	NNNNNNNN
SUN, INC. (R&M) OK TULSA	OKD058078775 SUNOCO, INC. (R&M)	TULSA	Y	+	N	N	LQG	L---	---	L---	L---	Y	Y	N	NNNNNNNN
T. P. I. PETROLEUM, INC. A VALERO CO OK CARTER	OKD057705972 TPI PETROLEUM, INC., A VALERO COMPAN	ARDMORE	Y	+	N	N	LQG	L---	L---	L---	---	Y	Y	N	NNNNNNNN
TERRA NITROGEN LTD PRTRNSHP VERDIGRIS PL OK ROGERS	OKD990695991 TERRA NITROGEN LIMITED PARTNERSHIP	CATOOSA	N	N	N	N	CEG	---	---	---	---	Y	Y	N	NNNNNNNN
THOMASON LUMBER CO OK MCCURTAIN	OKD007335524 OKLAHOMA POLE & LUMBER CO	BROKEN BOW	N	N	+	N	CEG	L---	---	---	L---	Y	Y	N	NNNNNNNN
TRICAT INC OK PITTSBURG	OKD987097151 TRICAT INDUSTRIES	MCALESTER	N	+	N	N	LQG	--S-	--S-	--S-	---	Y	Y	N	NNNNNNNN
TULSA CHROME INC OK TULSA	OKD013720271 - no owner info.-	TULSA	N	N	N	N	N	---	---	---	---	Y	N	N	NNNNNNNN
TULSA DISPOSAL, LLC OK TULSA	OKD000632737 CLEAN HARBORS, INC.	TULSA	N	N	N	N	SQG	---	---	---	---	Y	Y	N	NNNNNNNN

EPA RCRAInfo Handler List Report

See cover page for selections for this run

Run Tuesday October 4 2005 2:16 PM

Region: 06 State: OKLAHOMA

Handler Name Act.Loc County State District	EPA ID Owner Name	Location City	-----GPRA-----			SNC	Gen	Full Enf. TSD	Oper. TSD	Perm. Workld	Clos. Workld	PostCl Workld	Subj - CA	CA Workld	Trans- porter	Used Oil
			CA	Perm.	PostCl.											
TURNER BROS TRUCKING LLC OK OKLAHOMA	OKD104850524	EDMOND	N	N	N	N	N	---	---	---	---	---	Y	N	U	UUUUUUU
TURNER BROS TRUCKING INC																
UNION PACIFIC - ANADARKO [OLD ENID REF] OK GARFIELD	OKD007234586	ENID	Y	N	+	N	N	L---	---	---	---	L---	Y	Y	U	UUUUUUU
ANADARKO PETROLEUM																
US AIR FORCE PLANT #3 MCDONNELL DOUGLAS OK TULSA	OK9570000001	TULSA	Y	N	+	N	N	---	---	---	---	---	Y	Y	N	NNNNNNN
CITY OF TULSA																
US ALTUS AIR FORCE BASE OK JACKSON	OK9571824045	ALTUS AFB	Y	N	N	N	LOG	---	---	---	---	---	Y	Y	N	NNNNNNY
UNITED STATES AIR FORCE																
US MCALESTER ARMY AMMUNITION PLANT OK PITTSBURG	OK6213822798	MCALESTER	Y	+	N	N	LOG	--S-	--S-	--S-	---	---	Y	Y	N	NNNNNNN
UNITED STATES DEPARTMENT OF DEFENS																
US TINKER AIR FORCE BASE OK OKLAHOMA	OK1571724391	TINKER AFB	Y	+	N	N	LOG	--S-	--S-	--S-	---	---	Y	Y	U	UUUUUUU
US AIR FORCE																
US VANCE AIR FORCE BASE OK GARFIELD	OK4571524095	VANCE AFB	Y	N	+	N	LOG	--S-	---	---	---	L---	Y	Y	U	UUUUUUU
US AIR FORCE																
WEBB BOATS INC OK TULSA	OKD055944342	COLLINSVILLE	N	N	N	N	CEG	---	---	---	---	---	Y	N	N	NNNNNNN
BRADLEY K WEBB																
WYNNEWOOD REFINING COMPANY OK GARVIN	OKD000396549	WYNNEWOOD	Y	+	+	N	LOG	--S-	--S-	--S-	---	L---	Y	Y	N	NNNNNNN
WYNNEWOOD REFINING COMPANY																
XEROX CORPORATION OK CANADIAN	OKD079986568	YUKON	N	N	+	N	LOG	L---	---	---	---	L---	Y	Y	N	NNNNNNN
XEROX CORPORATION																
ZINC CORPORATION OF AMERICA OK WASHINGTON	OKD000829440	BARTLESVILLE	Y	+	+	N	LOG	L---	---	---	---	L---	Y	Y	N	NNNNNNN
HORSEHEAD INDUSTRIES INC.																

Count for OK 57

Total Count, this run:: 57

4.5

The sites listed here are the same as the sites listed on the 4.5 Fed. RCRA Generators List. "RCRA Notifiers Listing"
 Resource Conservation and Recovery Act (RCRAInfo)



You are here: [EPA Home](#) [Envirofacts](#) [RCRAInfo](#) [Query Results](#)



Query Results



Data Disclaimer

Handler Universe: @All handler Universes

Consolidated facility information (from multiple EPA systems) was searched to select facilities

City Name: Pauls Valley
County Name: Garvin
State Abbreviation: OK
EPA Region Code: 06

Results are based on data extracted on JAN-11-2011

Note: Click on the underlined CORPORATE LINK value for links to that company's environmental web pages.
 Click on the underlined MAPPING INFO value to obtain mapping information for the facility.

[Go To Bottom Of The Page](#)

<u>HANDLER NAME:</u>	ADVANCED RUBBER CONCEPTS	<u>HANDLER ID:</u>	OKD000394809
<u>STREET:</u>	HWY 77 S	<u>FACILITY INFORMATION:</u>	View Facility Information
<u>CITY:</u>	PAULS VALLEY	<u>CORPORATE LINK:</u>	No
<u>STATE:</u>	OK	<u>COUNTY:</u>	GARVIN
<u>ZIP CODE:</u>	73075	<u>MAPPING INFO:</u>	MAP
<u>EPA REGION:</u>	6		

CONTACT INFORMATION

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
JOHN SPRINGER	PO BOX 489	PAULS VALLEY	OK	73075	4052385541	Public
JOHN SPRINGER	PO BOX 489	PAULS VALLEY	OK	73075	4052385541	Permit

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
------------	-------------------

33511

ELECTRIC LAMP BULB AND PART MANUFACTURING

2 ✓ **HANDLER NAME:** AMF TUBOSCOPE PAULS VALLEY INS DISTR **HANDLER ID:** OKD000758888

STREET: HWY 19 5M E **FACILITY INFORMATION:** [View Facility Information](#)

CITY: PAULS VALLEY **CORPORATE LINK:** No

STATE: OK **COUNTY:** GARVIN

ZIP CODE: 73075 **MAPPING INFO:** [MAP](#)

EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
R GRAVES	PO BOX 808 COATING ENG	HOUSTON	TX	77001	4052386754	Public
R GRAVES	PO BOX 808 COATING ENG	HOUSTON	TX	77001	4052386754	Permit

3 **HANDLER NAME:** CENTRILIFT-HUGHES SVC CTR **HANDLER ID:** OKD136805033

STREET: INDUSTRIAL PK 2MI E OF I35 **FACILITY INFORMATION:** [View Facility Information](#)

CITY: PAULS VALLEY **CORPORATE LINK:** No

STATE: OK **COUNTY:** GARVIN

ZIP CODE: 73075 **MAPPING INFO:** [MAP](#)

EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
DEAN KINZER	200 W STUART ROSSA DR	CLAREMORE	OK	74017	9183419600	Public
DEAN KINZER	200 W STUART ROSSA DR	CLAREMORE	OK	74017	9183419600	Permit

4

HANDLER NAME: FORMER WAL-MART STORE # 1043 HANDLER ID: OKD982284630

STREET: 1500 W GRANT FACILITY INFORMATION: [View Facility Information](#)

CITY: PAULS VALLEY CORPORATE LINK: No

STATE: OK COUNTY: GARVIN

ZIP CODE: 73075 MAPPING INFO: [MAP](#)

EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
CRYSTAL BUTLER	SW 8TH ST	BENTONVILLE	AR	72716	4052387353	Public
CRYSTAL BUTLER	702 SW 8TH ST	BENTONVILLE	AR	72716	4052387353	Permit
CRYSTAL BUTLER	SW 8TH ST	BENTONVILLE	AR	72716	4052387353	Permit

5

HANDLER NAME: HALLIBURTON ENERGY SERVICES HANDLER ID: OK0000888578

STREET: 1709 W ENTERPRISE BLVD FACILITY INFORMATION: [View Facility Information](#)

CITY: PAULS VALLEY CORPORATE LINK: No

STATE: OK COUNTY: GARVIN

ZIP CODE: 73075 MAPPING INFO: [MAP](#)

EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
MIKE PENQUITE	PO BOX 838	PAULS VALLEY	OK	73075	4052386423	Public
BRITT HILL	PO BOX 838	PAULS VALLEY	OK	73075	4052386423	Permit
MIKE PENQUITE	PO BOX 838	PAULS VALLEY	OK	73075	4052386423	Permit

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
213111	DRILLING OIL AND GAS WELLS

6

HANDLER NAME: JOHN WINKLER MOTORS **HANDLER ID:** OKR000019935
STREET: NE I-35 SERVICE RD **FACILITY INFORMATION:** [View Facility Information](#)
CITY: PAULS VALLEY **CORPORATE LINK:** No
STATE: OK **COUNTY:** GARVIN
ZIP CODE: 73075 **MAPPING INFO:** [MAP](#)
EPA REGION: 6

CONTACT INFORMATION

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
JIM GAILEY	BALLARD RD	PAULS VALLEY	OK	73075	4052389681	Public
JIM GAILEY	BALLARD RD	PAULS VALLEY	OK	73075	4052389681	Permit
JIM GAILEY	BALLARD RD	PAULS VALLEY	OK	73075	4052389681,	Permit

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
42111	AUTOMOBILE AND OTHER MOTOR VEHICLE WHOLESALERS

7

HANDLER NAME: JOHNSTON-MACCO **HANDLER ID:** OKD091592659
STREET: PO BOX 351 **FACILITY INFORMATION:** [View Facility Information](#)
CITY: PAULS VALLEY **CORPORATE LINK:** No
STATE: OK **COUNTY:** GARVIN
ZIP CODE: 73075 **MAPPING INFO:** [MAP](#)
EPA REGION: 6

CONTACT INFORMATION

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
LUTHER-S KERSEY	100 MACCO BOULEVARD	SUGAR LAND	TX	77478	7134911313	Public

LUTHER-S KERSEY	100 MACCO BOULEVARD	SUGAR LAND	TX	77478	7134911313	Permit
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8

HANDLER NAME: PAULS VALLEY DAILY DEMOCRAT
HANDLER ID: OKD981915309
STREET: 108 S WILLOW
FACILITY INFORMATION: [View Facility Information](#)
CITY: PAULS VALLEY
CORPORATE LINK: No
STATE: OK
COUNTY: GARVIN
ZIP CODE: 73075
MAPPING INFO: [MAP](#)
EPA REGION: 6

CONTACT INFORMATION

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
BRENDA HANEY	PO BOX 381	PAULS VALLEY	OK	73075	4052386464	Public
BRENDA HANEY	PO BOX 381	PAULS VALLEY	OK	73075	4052386464	Permit

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HANDLER NAME: PAULS VALLEY DIST SVC CNTR
HANDLER ID: OKR000001149
STREET: US HWY 135 AND KIMBERLIN RD
FACILITY INFORMATION: [View Facility Information](#)
CITY: PAULS VALLEY
CORPORATE LINK: No
STATE: OK
COUNTY: GARVIN
ZIP CODE: 73075
MAPPING INFO: [MAP](#)
EPA REGION: 6

CONTACT INFORMATION

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
MICHAEL LYONS	PO BOX 321	OKLAHOMA CITY	OK	731010321	4055533237	Public
MICHAEL LYONS	PO BOX 321	OKLAHOMA CITY	OK	731010321	4055533237	Permit

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<u>HANDLER NAME:</u>	PAULS VALLEY GENERAL HOSPITAL	<u>HANDLER ID:</u>	OKD071223424
<u>STREET:</u>	100 VALLEY DRIVE	<u>FACILITY INFORMATION:</u>	View Facility Information
<u>CITY:</u>	PAULS VALLEY	<u>CORPORATE LINK:</u>	No
<u>STATE:</u>	OK	<u>COUNTY:</u>	GARVIN
<u>ZIP CODE:</u>	73075	<u>MAPPING INFO:</u>	MAP
<u>EPA REGION:</u>	6		

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
DOUG FRAZEE	PO BOX 368	PAULS VALLEY	OK	73075	4052385501	Public
DOUG FRAZEE	PO BOX 368	PAULS VALLEY	OK	73075	4052385501	Permit

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<u>HANDLER NAME:</u>	PERRY & ROGERS MOTOR CO	<u>HANDLER ID:</u>	OKD987082831
<u>STREET:</u>	201 S WALNUT	<u>FACILITY INFORMATION:</u>	View Facility Information
<u>CITY:</u>	PAULS VALLEY	<u>CORPORATE LINK:</u>	No
<u>STATE:</u>	OK	<u>COUNTY:</u>	GARVIN
<u>ZIP CODE:</u>	73075	<u>MAPPING INFO:</u>	MAP
<u>EPA REGION:</u>	6		

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
BILLY SUMNER	PO BOX 1288	PAULS VALLEY	OK	73075	4052386468	Public
BILLY SUMNER	PO BOX 1288	PAULS VALLEY	OK	73075	4052386468	Permit

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HANDLER NAME: PRECISION AUTO BODY **HANDLER ID:** OK0000562280
STREET: 303 E GRANT **FACILITY INFORMATION:** [View Facility Information](#)
CITY: PAULS VALLEY **CORPORATE LINK:** No
STATE: OK **COUNTY:** GARVIN
ZIP CODE: 73075 **MAPPING INFO:** [MAP](#)
EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
DOUGLAS POTTHOFF	303 E GRANT	PAULS VALLEY	OK	73075	4052386222	Public
DOUGLAS POTTHOFF	303 E GRANT	PAULS VALLEY	OK	73075	4052386222	Permit

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HANDLER NAME: ROYCE FREEMAN AUTO CNTR INC **HANDLER ID:** OKD981590110
STREET: I-35 & HWY 19 **FACILITY INFORMATION:** [View Facility Information](#)
CITY: PAULS VALLEY **CORPORATE LINK:** No
STATE: OK **COUNTY:** GARVIN
ZIP CODE: 73075 **MAPPING INFO:** [MAP](#)
EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
GARY GENTRY	PO BOX 713	PAULS VALLEY	OK	73075	4052386448	Public
GARY GENTRY	PO BOX 713	PAULS VALLEY	OK	73075	4052386448	Permit

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HANDLER NAME: SEAWAY PRODUCTS P/L - PAULS VALLEY **HANDLER ID:** OKD000758730
STREET: 0.5 M WEST ON HWY 77 **FACILITY INFORMATION:** [View Facility Information](#)
CITY: PAULS VALLEY **CORPORATE LINK:** No
STATE: OK **COUNTY:** GARVIN

ZIP CODE: 73075
EPA REGION: 6

MAPPING INFO:

MAP

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
JACK AMBERG	501 WESTLAKE PARK BLVE	HOUSTON	TX	77079	2813664645	Public
JACK AMBERG	501 WESTLAKE PARK BLVE	HOUSTON	TX	77079	2813664645	Permit

15
HANDLER NAME: SHERWIN WILLIAMS CO HANDLER ID: OKD055723209
STREET: 111 E PAUL AVE FACILITY INFORMATION: [View Facility Information](#)
CITY: PAULS VALLEY CORPORATE LINK: No
STATE: OK COUNTY: GARVIN
ZIP CODE: 73075 MAPPING INFO: MAP
EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
TERRY MORS	111 E PAUL AVE	PAULS VALLEY	OK	73075	2165663096	Public
TERRY MORS	111 E PAUL AVE	PAULS VALLEY	OK	73075	2165663096	Permit

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HANDLER NAME: SHERWIN WILLIAMS CO #7083 HANDLER ID: OKR000004994
STREET: 502 S CHICKASAW FACILITY INFORMATION: [View Facility Information](#)
CITY: PAULS VALLEY CORPORATE LINK: No
STATE: OK COUNTY: GARVIN
ZIP CODE: 730754602 MAPPING INFO: MAP
EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
STEVEN SAWYER	502 S CHICKASAW	PAULS VALLEY	OK	730754602	4052382586	Public
STEVEN SAWYER	502 S CHICKASAW	PAULS VALLEY	OK	730754602	4052382586	Permit

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HANDLER NAME: **SUN OIL CO J CAMPBELL** HANDLER ID: OKD000770669
STREET: 1M N 1M W FACILITY INFORMATION: [View Facility Information](#)
CITY: PAULS VALLEY CORPORATE LINK: No
STATE: OK COUNTY: GARVIN
ZIP CODE: 73075 MAPPING INFO: [MAP](#)
EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
GM EUBANKS	PO BOX 3800	TULSA	OK	74102	9184967384	Public
GM EUBANKS	PO BOX 3800	TULSA	OK	74102	9184967384	Permit

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HANDLER NAME: **SUNOCO SERVICE STATION** HANDLER ID: OKD000726620
STREET: RT 3 BOX 295 FACILITY INFORMATION: [View Facility Information](#)
CITY: PAULS VALLEY CORPORATE LINK: No
STATE: OK COUNTY: GARVIN
ZIP CODE: 73075 MAPPING INFO: [MAP](#)
EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
KARL BECKERS	RT 3 BOX 295	PAULS VALLEY	OK	73075	3148784810	Public
KARL BECKERS	RT 3 BOX 295	PAULS VALLEY	OK	73075	3148784810	Permit

19
 HANDLER NAME: VALLEY BODY SHOP HANDLER ID: OKD099545394
 STREET: 723 W GRANT AVE FACILITY INFORMATION: [View Facility Information](#)
 CITY: PAULS VALLEY CORPORATE LINK: No
 STATE: OK COUNTY: GARVIN
 ZIP CODE: 73075 MAPPING INFO: [MAP](#)
 EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
RON PATTON	723 W GRANT AVE	PAULS VALLEY	OK	73075	4052383412	Public
RON PATTON	723 W GRANT AVE	PAULS VALLEY	OK	73075	4052383412	Permit

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 HANDLER NAME: VALLEY MOTOR SALES INC. HANDLER ID: OKD981591845
 STREET: HWY 77 N 2.5M N OF CITY FACILITY INFORMATION: [View Facility Information](#)
 CITY: PAULS VALLEY CORPORATE LINK: No
 STATE: OK COUNTY: GARVIN
 ZIP CODE: 73075 MAPPING INFO: [MAP](#)
 EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
TIM CRUMBLY	PO BOX 1129	PAULS VALLEY	OK	73075	4052383350	Public
TIM CRUMBLY	PO BOX 1129	PAULS VALLEY	OK	73075	4052383350	Permit

HANDLER NAME: VISKASE CORPORATION **HANDLER ID:** OKD053453742
STREET: HWY 77 & MERIDIAN RD **FACILITY INFORMATION:** [View Facility Information](#)
CITY: PAULS VALLEY **CORPORATE LINK:** No
STATE: OK **COUNTY:** GARVIN
ZIP CODE: 73075 **MAPPING INFO:** [MAP](#)
EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
CHARLES WALITALO	ROUTE 3 BOX 304A	PAULS VALLEY	OK	73075	4052387554	Public
CHARLES WALITALO	ROUTE 3 BOX 304A	PAULS VALLEY	OK	73075	4052387554	Permit

HANDLER NAME: WAL-MART DISTRIBUTION CENTER #6042 **HANDLER ID:** OKR000017582
STREET: 2601 SOUTH INDIAN MERIDIAN ROAD **FACILITY INFORMATION:** [View Facility Information](#)
CITY: PAULS VALLEY **CORPORATE LINK:** No
STATE: OK **COUNTY:** GARVIN
ZIP CODE: 73075 **MAPPING INFO:** [MAP](#)
EPA REGION: 6

CONTACT INFORMATION

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
CHRIS STEWART	S INDIAN HILLS RD	PAULS VALLEY	OK	73075	4052075007	Public
JAY BOYLES	702 SW 8TH STREET	BENTONVILLE	AR	72716	4052075000	Permit
CHRIS STEWART	S INDIAN HILLS RD	PAULS VALLEY	OK	73075	4052075007	Permit
KENNETH FORESTER	S INDIAN HILLS RD	PAULS VALLEY	OK	73075	4052075007	Permit

LIST OF NAICS CODES AND DESCRIPTIONS

<u>NAICS CODE</u>	<u>NAICS DESCRIPTION</u>
49312	REFRIGERATED WAREHOUSING AND STORAGE

procname=&program_search=1&report=1&page_no=1&output_switch=TRUE&database_type=RCRAINFO

23

HANDLER NAME: WAL-MART SUPERCENTER # 1043 **HANDLER ID:** OKR000021782
STREET: 2008 W GRANT AVE **FACILITY INFORMATION:** [View Facility Information](#)
CITY: PAULS VALLEY **CORPORATE LINK:** No
STATE: OK **COUNTY:** GARVIN
ZIP CODE: 73075 **MAPPING INFO:** [MAP](#)
EPA REGION: 6

CONTACT INFORMATION

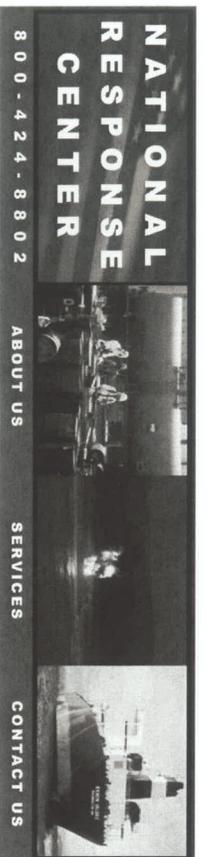
<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>	<u>PHONE</u>	<u>TYPE OF CONTACT</u>
CHRIS STEWART	PO BOX 8041	BENTONVILLE	AR	727128041	4792040402	Public
TERESA PRUITT	SE 8TH ST	BENTONVILLE	AR	727160605	4792042231	Permit
CHRIS STEWART	PO BOX 8041	BENTONVILLE	AR	727128041	4792040402	Permit
TERESA PRUITT	PO BOX 8041	BENTONVILLE	AR	727128041	4792042231	Permit
PAM WILMOTT	SW 8TH ST	BENTONVILLE	AR	727160500	4792042324	Permit

LIST OF NAICS CODES AND DESCRIPTIONS

<u>NAICS CODE</u>	<u>NAICS DESCRIPTION</u>
45291	WAREHOUSE CLUBS AND SUPERCENTERS

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Total Number of Facilities Displayed: 23



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QUERY RESULTS

BACK TO ENTER QUERY
 CREATE NEW QUERY

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Click here to view query results in spreadsheet

View Report	Materials Page #	NRC Report #	Type of Call	Date/Time Received	Description Of Incident	Type Of Incident	Incident Cause	Incident Date/Time	Location	State	Nearest City	County	Suspected Responsible Company	Medium Affected	Material Name
View	Materials	123811	INCIDENT	26-JUN-1992 15:47	STORAGE TANKS/TANKS OVERFLOWING	FIXED	OTHER	26-JUN-1992 14:00	2.3 MILES EAST OF PAULS VALLEY ON OLD HWY 19	OK	PAULS VALLEY	GARVIN	BIG HORN OIL	LAND	OIL: CRUDE
View	Materials	176014	INCIDENT	25-MAY-1993 10:34	3 rd PIPELINE /LEAKED DUE TO UNKNOWN CAUSE	PIPELINE	UNKNOWN	25-MAY-1993 09:15		OK	PAULS VALLEY	GARVIN	KOCH GATHERING	WATER	OIL: CRUDE
View	Materials	437607	INCIDENT	19-MAY-1998 13:45	BELOW GROUND PIPELINE 12" / CAUSE OF LEAK UNKNOWN.	PIPELINE	UNKNOWN	19-MAY-1998 10:20		OK	PAULS VALLEY	GARVIN	CITGO	LAND	GASOLINE: AUTOMOTIVE (UNLEADED)
View	Materials	477820	INCIDENT	23-MAR-1999 11:47	BELOW GROUND 16IN PIPELINE (DOT REGULATED)/PIPELINE DAMAGED BY OUTSIDE PARTY	PIPELINE	OPERATOR ERROR	23-MAR-1999 10:00	5MI NORTH OF PAULS VALLEY	OK	PAULS VALLEY	GARVIN	ARCO PIPELINE	LAND	GASOLINE: AUTOMOTIVE (UNLEADED)
View	Materials	538676	INCIDENT	14-AUG-2000 17:14	THE MATERIAL SPILLED FROM THE SADDLE TANKS OF A TRACTOR TRAILER DUE TO A VEHICLE ACCIDENT. A FIRE CONSUMED MOST OF THE FUEL THAT WAS SPILLED.	MOBILE	OTHER	14-AUG-2000 01:00	1.35 MILE 74	OK	PAULS VALLEY	GARVIN	RYDER INTEGRATED LOGISTICS	WATER	OIL, FUEL: NO. 2-D
View	Materials	708825	INCIDENT	23-DEC-2003 11:04	CALLER IS REPORTING A GREENISH MATERIAL GOING INTO A CREEK.	UNKNOWN SHEEN	UNKNOWN	23-DEC-2003 09:00	UNKNOWN SHEEN INCIDENT / BEHIND ADDRESS LOCATION IN CREEK BY A CEMETARY 118 MAXWELL		OK	PAULS VALLEY	GARVIN	WATER	UNKNOWN OIL
View	Materials	709258	INCIDENT	30-DEC-2003 01:13	REPORT THAT TWO TRAINS COLLIDED.	RAILROAD NON-RELEASE	UNKNOWN	29-DEC-2003 22:35	REDROCK SUBDIVISION MILE MARKER 493.64	OK	PAULS VALLEY	GARVIN	BNSF RAILROAD		
View	Materials	817513	INCIDENT	08-NOV-2006 10:41	CALLER IS REPORTING A GRADE CROSSING INCIDENT DUE TO AN UNKNOWN VEHICLE BEING	RAILROAD NON-RELEASE	OTHER	08-NOV-2006 08:25	GERTIE STREET	OK	PAULS VALLEY	GARVIN		NON-RELEASE (NA)	

Revised April 5, 2011

<u>County</u>	<u>Facility Name</u>	<u>Permit #</u>	<u>Phone</u>	<u>Facility Type</u>
BECKHAM	Elk City Municipal Landfill	3505009	(580)225-3230	Municipal Solid Waste Landfill
BECKHAM	Sayre Municipal Landfill	3505011	(580)928-2260	Municipal Solid Waste Landfill
BLAINE	City of Watonga Transfer Station	3506012	(580)262-1565	Transfer Station
BRYAN	City of Durant Landfill Station	3507001	(580)924-8358	Construction/Demolition Landfill
BRYAN	City of Durant Transfer Station	3507001	(580)924-8358	Transfer Station
CADDO	City of Eakly Transfer Station	3508022	(405)247-9525	Transfer Station
CANADIAN	OEMA Landfill	3509005	(405)483-5402	Municipal Solid Waste Landfill
CANADIAN	City of Yukon Transfer Station	3509006	(405) 354-2121	Transfer Station
CARTER	Southern Oklahoma Regional Disposal Landfill	3510007	(580)226-1276	Municipal Solid Waste Landfill
CHEROKEE	Tahlequah Solid Waste Transfer Station	3511009	(918)456-8336	Transfer Station
CHEROKEE	South Tenkiller Transfer Station	3511006	(918)458-6573	Transfer Station
CHEROKEE	North Moody Transfer Station	3511007	(918)458-6573	Transfer Station
CHEROKEE	Hulbert West Transfer Station	3511008	(918)458-6573	Transfer Station
CIMMARON	Boise City Solid Waste Transfer Station	3513004	(580)544-2271	Transfer Station
CLEVELAND	Norman Transfer Station	3514007	(405)329-8583	Transfer Station
CLEVELAND	City of Norman Yardwaste Compost Facility	3514013	(405)329-8583	Composting Facility
COMANCHE	Ft. Sill C/D Landfill	3516013	(580)442-3266	Construction/Demolition Landfill
COMANCHE	City of Lawton Landfill	3516015	(580)581-3468	Municipal Solid Waste Landfill
COMANCHE	Ft. Sill Composting Facility	3516018	(580)442-3266	Composting Facility
COMANCHE	Ft. Sill Landfill	3516018	(580)442-3266	Municipal Solid Waste Landfill
COMANCHE	MCSA Transfer Station	3516024	(580)549-6717	Transfer Station
COTTON	Cotton County Transfer Station	3517007	(866)927-6362	Transfer Station
COTTON	Temple Utilities Auth. Landfill	3517006		Construction/Demolition Landfill

CRAIG	Vinita Transfer Station	3518008	(918)256-1024	Transfer Station
CREEK	Creek County Landfill	3519020	(918)299-3755	Construction/Demolition Landfill
CREEK	Bristow Transfer Station	3519021	(918)367-6622	Transfer Station
CUSTER	Weatherford Transfer Station	3520011	(580)672-7379	Transfer Station
CUSTER	Clinton Transfer Station	3520012	(580)672-7379	Transfer Station
DELAWARE	Delaware County Transfer Station #2	3521008	(918)786-1036	Transfer Station
DELAWARE	Delaware County Transfer Station #1	3521009	(918)786-1036	Transfer Station
GARFIELD	City of Enid Landfill	3524006	(580)249-4917	Municipal Solid Waste Landfill
* GARVIN	Pauls Valley Landfill	3525009	(405)238-2012	Municipal Solid Waste Landfill 2.49 mi SE of Armory
* GARVIN	Pauls Valley Transfer Station	3525014	(405)238-3308	Transfer Station 2.84 mi NW of Armory
GRADY	Chickasha Transfer Station	3526012	(405)222-4454	Transfer Station
GRADY	Southern Plains Landfill	3526013	(405)785-2060	Municipal Solid Waste Landfill
GRADY	Great Plains Landfill	3526014	(405)818-0000	Municipal Solid Waste Landfill
HASKELL	Haskell County Transfer Station	3531007	(918)967-0812	Transfer Station
JACKSON	City of Altus Landfill	3533005	(580)481-2251	Municipal Solid Waste Landfill
JEFFERSON	City of Waurika Transfer Station	3534007	(580)228-2714	Transfer Station
KAY	Ponca City Landfill	3536014	(580)767-0300	Municipal Solid Waste Landfill
KINGFISHER	Kingfisher County Transfer Station	3537008	(405)375-3705	Transfer Station
KIOWA	Kiowa County Transfer Station	3538017	(866)927-6362	Transfer Station
LEFLORE	Spiro Transfer Station	3540020	(918)647-8516	Transfer Station
LEFLORE	Talihina Transfer Station	3540022	(918)647-8516	Transfer Station
LEFLORE	Heavener Transfer Station	3540021	(918)647-8516	Transfer Station
LEFLORE	Arkoma Transfer Station	3540023	(918)647-8516	Transfer Station
LEFLORE	Poteau Transfer Station	3540024	(918)647-8516	Transfer Station
LINCOLN	Center Point Landfill	3541013	(405)567 3806	Municipal Solid Waste Landfill
LINCOLN	Stericycle	3541014	(918)968-0017	Biomedical Waste Processing Facility
LOVE	Marietta Transfer Station	3543004	(580)276-9771	Transfer Station
MCCLAINE	Newcastle Landfill	3544014	(405)745-4141	Municipal Solid Waste

	(Pinecrest)			Landfill
MCCURTAIN	City of Broken Bow Landfill	3545008	(580)584-9445	Municipal Solid Waste Landfill
MCCURTAIN	McCurtain County Landfill	3545011	(580)286-5035	Municipal Solid Waste Landfill
MCINTOSH	City of Eufaula Transfer Station	3546006	(918)689-3182	Transfer Station
MCINTOSH	City of Checotah Transfer Station	3546008	(918)473-2286	Transfer Station
MAJOR	Red Carpet Landfill	3547002	(580)776-2255	Municipal Solid Waste Landfill
MAYES	Pryor Transfer Station	3549029	(918)825-0026	Transfer Station
MUSKOGEE	Muskogee Comm. Landfill & Rec. Center	3551020	(918)682-7284	Municipal Solid Waste Landfill
NOBLE	Northern Oklahoma Regional Disposal, Inc.	3552011	(580)628-2445	Municipal Solid Waste Landfill
OKLAHOMA	Oklahoma Landfill	3555018	(405)745-3091	Municipal Solid Waste Landfill
OKLAHOMA	SE Oklahoma City Landfill	3555028	(405)672-7379	Municipal Solid Waste Landfill
OKLAHOMA	City of Midwest City Transfer Station	3555029	(405)739-1360	Transfer Station
OKLAHOMA	East Oak Sanitary Landfill	3555036	(405)427-1112	Municipal Solid Waste Landfill
OKLAHOMA	Stericycle Corp.	3555049	(405)557-0024	Biomedical Waste Transfer Station
OKLAHOMA	NE Landfill	3555050	(405)424-8000	Construction/Demolition Landfill
OKLAHOMA	Edmond Transfer Station	3555051	(405) 216-9401	Transfer Station
OKLAHOMA	Waste Management Medical Services	3555052	(913)587-9664	Biomedical Waste Transfer Station
OKLAHOMA	EnviroMed Transfer Station	355055	(405)340-2430	Biomedical waste transfer station
OKLAHOMA	Oklahoma City Household Hazardous Waste Collection Facility	3555054	(405)297-1774	Transfer Station
OKMULGEE	City of Henryetta Transfer Station	3556006	(918)652-3344	Transfer Station
OKMULGEE	Elliott Construction Co. Landfill	3556008	(918)733-4558	Municipal Solid Waste Landfill
OSAGE	American Environmental Landfill	3557021	(918)245-7786	Municipal Solid Waste Landfill
OSAGE	Osage Landfill	3557025	(918)336-3159	Municipal Solid Waste Landfill
OTTAWA	Miami Transfer Station	3558019	(918)541-2287	Transfer Station
PAYNE	City of Cushing Transfer Station	3560008	(918)225-1999	Transfer Station

PAYNE	Stillwater Landfill	3560010	(405)372-6628	Municipal Solid Waste Landfill
PITTSBURG	City of McAlester Landfill	3561012	(918)421-4900	Municipal Solid Waste Landfill
PITTSBURG	Pittsburg County Landfill	3561013	(918)426-0985	Municipal Solid Waste Landfill
PONTOTOC	City of Ada Municipal Landfill	3562006	(580)436-1403	Municipal Solid Waste Landfill
POTTAWATOMIE	Canadian Valley Landfill	3563004	(405)672-7379	Municipal Solid Waste Landfill
POTTAWATOMIE	Absolute Waste Solutions, Inc. Landfill	3563005	(405)598-3893	Municipal Solid Waste Landfill
PUSHMATAHA	Clinton Lewis Construction Co. Landfill	3564004	(580)298-3729	Municipal Solid Waste Landfill
SEMINOLE	Sooner Land Management Landfill	3567020	(405)257-8214	Municipal Solid Waste Landfill
SEQUOYAH	Sallisaw Solid Waste Disposal Facility	3568008	(918)775-6241	Municipal Solid Waste Landfill
SEQUOYAH	Sue's Recycling Facility	3568009	(918)773-4007	Transfer Station
SEQUOYAH	Roland Yard Waste Composting Facility	3568009C	(918)427-3252	Composting Facility
STEPHENS	Stephens County Transfer Station	3569014	(580)252-2264	Transfer Station
TEXAS	City of Guymon Transfer Station	3570011	(580)338-2434	Transfer Station
TILLMAN	Frederick Transfer Station	3571011	(580)335-7149	Transfer Station
TILLMAN	Frederick Public Works Authority Landfill	3571012	(580)335-5499	Construction/Demolition Landfill
TULSA	North Tulsa Sanitary landfill	3572001	(918)425-0558	Municipal Solid Waste Landfill
TULSA	Covanta Walter B. Hall Resource Recovery Facility	3572033	(918) 699-0011	Municipal Waste Combustor
TULSA	Tulsa Recycle & Transfer, Inc.	3572037	(918)583-3867	Transfer Station
TULSA	Quarry Landfill	3572042	(918)437-7773	Municipal Solid Waste Landfill
TULSA	APAC-East Quarry Landfill	3572049	(918)438-2020	Construction/Demolition Landfill
WAGONER	51B Landfill	3573021	(405)377-1053	Municipal Solid Waste Landfill
WOODS	City of Alva Waste Processing Plant	3576005	(580)327-3342	Transfer Station
WOODWARD	NW Oklahoma Solid Waste Disposal Authority	3577001	(580)256-3975	Municipal Solid Waste Landfill

		(405) 282-3317
POTTAWATOMIE	3563004	Canadian Valley Landfill (405) 672-7379
PUSHMATAHA	3564004	Clinton Lewis Construction Co. Landfill (580) 298-3729
SEMINOLE	3567020	Sooner Land Management Landfill (405) 257-8214
TULSA	3572042	Quarry Landfill (918) 437-7773

Revised February 14, 2011

Landfills Approved to Accept Non-Hazardous Industrial Wastes

Shaded facilities may accept wastes containing 1000 mg/kg or more total petroleum hydrocarbons. Unshaded facilities may only accept wastes containing less than 1000 mg/kg total petroleum hydrocarbons.

Revised January 21, 2011

Canadian	(Permit Number 3509005) Okla. Environmental Mgmt. Auth. Landfill (OEMA) P.O. Drawer 189 El Reno, OK 73036 Contact: (405) 483-5402	Jackson	(Permit Number 3533005) Altus Municipal Landfill City of Altus 300 East Commerce Altus, OK 73521 Contact: (580) 481-2251
Carter	(Permit Number 3510007) Southern Oklahoma Regional Disposal, Inc. (SORD) PO Box 1088 Ardmore, OK 73402 Contact: (580) 226-1276	Kay	(Permit Number 3536014) Ponca City Landfill City of Ponca City PO Box 1450 Ponca City, OK 74602 Contact: (580) 767-0417 >Will not accept out-of-state waste
Comanche	(Permit Number 3516015) Lawton Landfill 4th & A Avenue Lawton, OK 73501 Contact: (580) 581-3468 > Will only accept Comanche County waste.	Lincoln	(Permit Number 3541013) Center Point Landfill RR 2, Box 29-2 Prague, OK 74864 Contact: (405)567-3806
Garfield	(Permit Number 3524006) City of Enid Municipal Landfill City of Enid P.O. Box 1768 Enid, OK 73702-1768 Contact: (580) 249-4917	Major	(Permit Number 3547002) Red Carpet Landfill PO Box 137 Meno, OK 73754 Contact: (580) 776-2255
Grady	(Permit Number 3526013) Southern Plains Landfill PO Box 355 Alex, OK 73002 Contact:	McCurtain	(Permit Number:3545008) Broken Bow Landfill City of Broken Bow PO Box 909 Broken Bow, OK 74728

	(405) 785-2060		Contact: (580) 584-2285
	(Permit Number 3526014) Great Plains Landfill 7540 SW 59th Street Oklahoma City, OK 73179-5603 Contact: (405) 818-0000	Muskogee	(Permit Number 3551020) Muskogee Community Landfill City of Muskogee 2801 S. 54th Street West Muskogee, OK 74401 Contact: (918) 682-7284
Oklahoma	(Permit Number 3555036) East Oak Sanitary Landfill 3201 Mosley Road, Rt. 4, Box 310 Oklahoma City, OK 73111 Contact: (405) 427-1112		(Permit Number 3552011) Northern Oklahoma Disposal, Inc. Route 2, Box 40 Tonkawa, OK 74663 Contact: (580) 628-2445

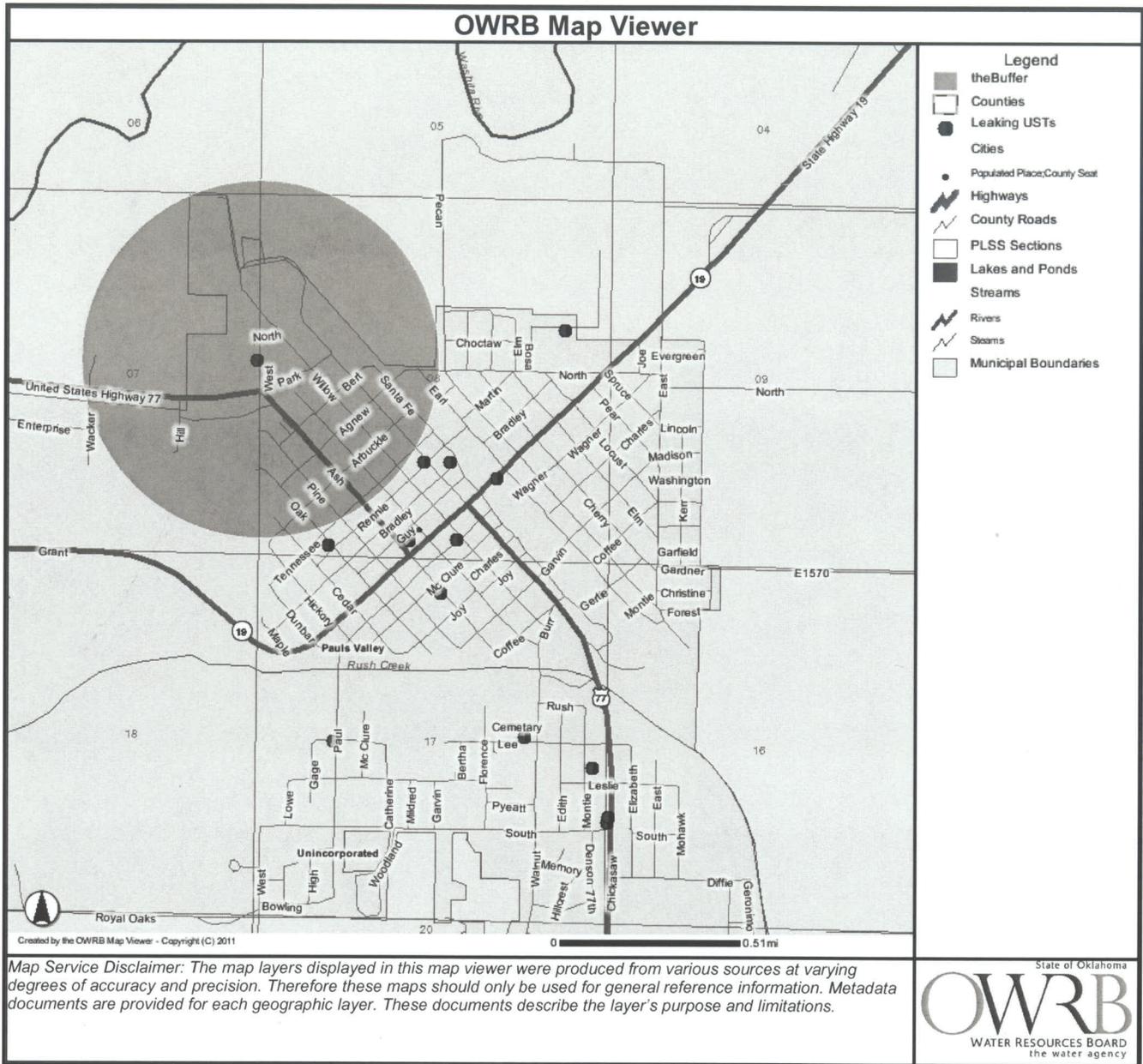
	(Permit Number 3555018) Oklahoma Landfill Company 7600 SW 15 th St. Oklahoma City, OK 73128 Contact: (405) 745-3002 & 203-6146	Noble Pottawatomie	(Permit Number 3563005) Absolute Waste Solutions PO Box 1457 Guthrie, OK 73044 Contact: (405) 282-3317
	(Permit Number 3555028) Southeastern OKC Landfill 7001 S. Bryant Oklahoma City, OK 73149 Contact: (405) 745-4141		(Permit Number 3563004) Pottawatomie County Landfill (Canadian Valley) 48210 East Independence Shawnee, OK 74801 Contact: (405) 275-9211
Osage	(Permit Number 3557021) American Environmental Landfill 1420 West 35 th St., Suite B Tulsa, OK 74107-3814 Contact: (918) 245-7786	Seminole	(Permit Number 3567020) Sooner Land Management PO Box 2147 Oklahoma City, OK 73101 Contact: (405) 257-8214
	(Permit Number 3557025) Osage County Landfill Route 5, Box 423 Bartlesville, OK 74003 Contact: (918) 336-4094 (918) 336-3154	Sequoyah	(Permit Number 3568008) Sallisaw Landfill City of Sallisaw PO Box 525 Sallisaw, OK 74055 Contact: (918) 775-6241
Payne	(Permit Number 3560010) HEW Waste System, Stillwater Sanitary Landfill 1717 E. Yost Rd. Stillwater, OK 74075 Contact: (405) 372-6628	Tulsa	(Permit Number 3572042) Quarry Sanitary Landfill 4041 N. 141st East Avenue Tulsa, OK 74116 Contact: (918) 437-7773 (405) 520-5274 (Permit Number

			3572033) Covanta Walter B. Hall Resource Recovery Facility 2122 S. Yukon Avenue Tulsa, Oklahoma 74107 Contact: (918) 699 0011
Pittsburg	(Permit Number 3561012) City of McAlester P.O. Box 578 McAlester, OK 74502 918-421-4995 or 918-421-4967	Wagoner	(Permit Number 3573021) 51-B (Porter) Landfill #1 1225 North 161 st East Avenue Tulsa, OK 74116 Contact: (405) 377-1053
	(Permit Number 3561013) Pittsburg County Landfill PO Box 15 Alderson, OK 74522 Contact: (918) 426-0985		
Pontotoc	(Permit Number 3562006) Ada Municipal Landfill 231 South Townsend Ada, OK 74820 Contact: (580) 436-1403		



Leaking USTs

Rec	Facility Name	Address	City	State	Facility Number	Tank Number	Installation Date	Latitude	Longitude	Tank Capacity (Gal)	Number of Compartments	Tank Status	Stored Substance	Case Number	Case Status	LUST
1	Btry A 1/160 Fa	1001 N ASH	Pauls Valley	OK	2505778	1	12/31/1992	34.7469	-97.2305	1000	1	Permanently Out of Use	Gasoline	064-1975	Closed	Yes

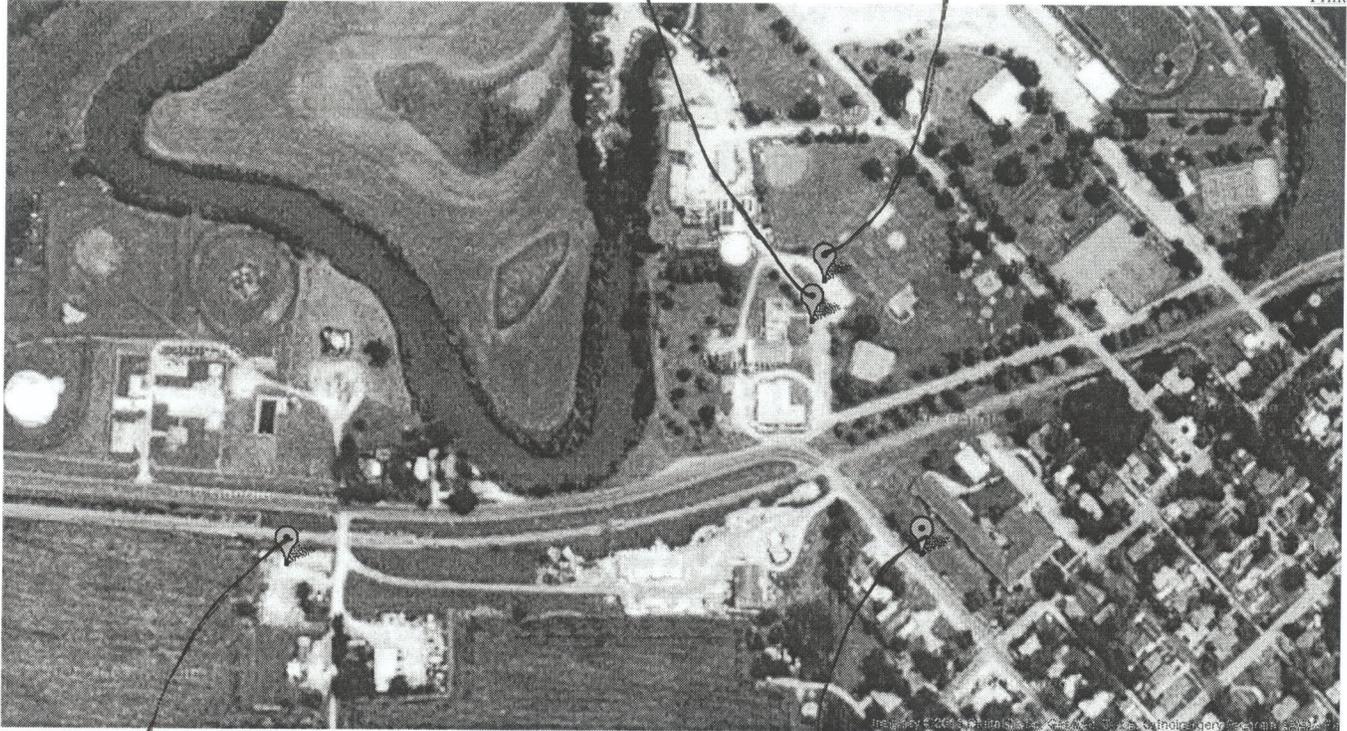


62 facilities

2500697
Oklahoma Outpost
100231
Tanks: 3

2505778
Btry A 1/160 Fa
Tanks: 1

Print



2520715
United Fuel & Energy
Bulk Plant
Tanks: 5
(not on adjacent property)

2506512
Laverta Dockray
Tanks: 2
(not on adjacent property)

Btry A 1/160 FA

250 5778

Notification for Underground Storage Tanks

FOR TANKS IN OK

NOTIFICATION COMPLETED FORM TO

Underground Storage Tank Program
Oklahoma Corporation Commission
Jim Thorpe Building
Oklahoma City, OK 73105

I.D. Number **2505778**
Date Received **APR 28 1986**

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State law;

5. surface impoundments, pits, ponds, or lagoons;

6. storm water or waste water collection systems;

7. flow-through process tanks;

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

9. storage tanks situated in an underground area (such as a basement, cellar, mine-working, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submit false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

107 of 146

I. OWNERSHIP OF TANK(S)

Ownership (Corporation, Individual, Public Agency, or Other Entity)

Oklahoma Military Department

Street Address

3301 Military Circle, N.E.

City

Oklahoma City, Oklahoma 73111

County

405 427-8371 State ZIP Code

Area Code

Phone Number

Type of Owner (Mark all that apply)

- Current State or Local Gov't Private or Corporate
 Former Federal Gov't (GSA facility I.D. no.) Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section I, mark box here)

Facility Name or Company Site Identifier, as applicable

Btry A 1/160 FA

Street Address or State Road, as applicable

1001 N Ash

County

Pauls Valley OK 73075-0060

City (nearest)

State

ZIP Code

Indicate number of tanks at this location

1

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here)

Richard L. Harwell

Job Title

Environmental Engr

Area Code

Phone Number

(405) 427-8371 X333

IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Signature

Date Signed

VI DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location)

Tank Identification No. (e.g., ABC-123), or Sequentially Assigned Sequential Number (e.g., 1,2,3...)	Tank No.	Tank No.	Tank No.	Tank No.	Tank No.
1. Status of Tank (Mark all that apply <input type="checkbox"/>) Currently In Use <input checked="" type="checkbox"/> Temporarily Out of Use <input type="checkbox"/> Permanently Out of Use <input type="checkbox"/> Brought into Use after 5/8/86 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Estimated Age (Years)	<u>15</u>				
3. Estimated Total Capacity (Gallons)	<u>1000</u>				
4. Material of Construction (Mark one <input type="checkbox"/>) Steel <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Internal Protection (Mark all that apply <input type="checkbox"/>) Cathodic Protection <input type="checkbox"/> Interior Lining (e.g., epoxy resins) <input type="checkbox"/> None <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. External Protection (Mark all that apply <input type="checkbox"/>) Cathodic Protection <input type="checkbox"/> Painted (e.g., asphaltic) <input type="checkbox"/> Fiberglass Reinforced Plastic Coated <input type="checkbox"/> None <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Piping (Mark all that apply <input type="checkbox"/>) Bare Steel <input type="checkbox"/> Galvanized Steel <input checked="" type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Cathodically Protected <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Substance Currently or Last Stored (Mark all that apply <input type="checkbox"/>) a. Empty <input type="checkbox"/> b. Petroleum Diesel <input type="checkbox"/> Kerosene <input type="checkbox"/> Gasoline (including alcohol blends) <input checked="" type="checkbox"/> Used Oil <input type="checkbox"/> Other, Please Specify _____ c. Hazardous Substance <input type="checkbox"/> Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input type="checkbox"/> if tank stores a mixture of substances d. Unknown <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo/yr) <u>/</u> b. Estimated quantity of substance remaining (gal.) <u>/</u> c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete) <input type="checkbox"/>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>

Pauls Valley / RCRA
JST

BATTERY A, 1 BATTALION, 160 FIELD ARTILLERY
OKLAHOMA ARMY NATIONAL GUARD
POST OFFICE BOX 60
PAULS VALLEY, OKLAHOMA 73075-0060

WFS7A0-A

22 October 1990

MEMORANDUM FOR Oklahoma Military Department, ATTN: ENVIRONMENTAL
OFFICE, MAJ HARWELL, 3501 Military Circle, Okla
City, Ok. 73111-4398

SUBJECT: ABANDONED FUEL STORAGE TANK

1. This is to certify that the fuel storage tank located at the Pauls Valley National Guard Armory, 1001 N. Ash St, Pauls Valley, Ok, has been out of service since 1982.
2. No fuel has been purchased or pumped from this location since that date.
3. POC for this matter is the undersigned, (405) 238-6270.

FOR THE COMMANDER:



DAVID L. QUINN
SGT, OKARNG
Battery Clerk

IMAGED 6/17/2003

BOB ANTHONY
Commissioner

ED APPLE
Chairman

DENISE A. BODE
Commissioner

OKLAHOMA

CORPORATION COMMISSION

JIM THORPE BUILDING (405) 521-6575

Richard E. Oppel, Manager
Fuel Storage Department

OCC FUEL DIVISION, ROOM 247 • P.O. BOX 52000-2000 • OKLAHOMA CITY, OKLAHOMA 73152-2000

October 6, 1997

Case I.D. #064-1975
Facility #25-05778

CERTIFIED MAIL, RETURN RECEIPT REQUESTED
CERTIFICATE NUMBER Z 279 256 884

**"NOTICE OF CONFIRMED RELEASE
FROM AN UNDERGROUND STORAGE TANK SYSTEM"**

NOTICE: YOU HAVE UNTIL OCTOBER 27, 1997 TO SUBMIT AN INITIAL RESPONSE AND INITIAL ABATEMENT REPORT REQUIRED BY RULES OAC 165:25-3-72 AND OAC 165:25-3-73 AND AN INITIAL SITE CHARACTERIZATION REPORT AND CORRECTIVE ACTION PLAN REQUIRED BY RULE OAC 165:25-3-73.1

NOTICE: YOU HAVE UNTIL DECEMBER 8, 1997 TO SUBMIT AN OKLAHOMA RISK BASED CORRECTIVE ACTION (ORBCA) TIER 1/1A REPORT REQUIRED BY RULES OAC 165:25-3-74 AND OAC 165:25-3-74.1, IF NECESSARY A FREE PRODUCT REMOVAL REPORT REQUIRED BY OAC 165:25-3-75, AND IF CLOSURE IS RECOMMENDED, NOTICE OF PUBLIC PARTICIPATION IS REQUIRED BY RULE OAC 165:25-3-78.

Oklahoma Military Department
Environmental Office
Attn: Captain Terrance Smith
3517 Military Circle
Oklahoma City, OK 73111

RE: Confirmed release of product from Underground Storage Tank System located at:

Pauls Valley Armory
1001 N. Ash
Pauls Valley, OK

Dear Captain Smith:

This is to inform you that the Oklahoma Corporation Commission (OCC) has received a report concerning a confirmed release of regulated substance from the above referenced underground storage tank (UST) system(s) for which you may be legally responsible as an owner and or operator of the USTs. Please notify our office if you have evidence that you are not the owner or operator. The OCC rules require the owner or operator of the UST system to take immediate steps to abate any contamination or potential contamination resulting from such a release. If you do not respond promptly and appropriately, State response may be initiated and you will be held responsible for all costs incurred by the State. **Effective October 1, 1997, all new UST releases and suspicion of releases are requested to report latitude and longitude of the location.**

The OCC is responsible for ensuring that the environment, the State's waters and public health are protected from Underground Storage Tank system releases of regulated substances. If you do not already have a copy, the UST Rules and Regulations and Oklahoma Risk-Based Corrective Action (ORBCA) Guidance Document can be purchased from this office at a cost of \$10.00 each. The OAC 165:25-3-74 and 3-74.1 ORBCA Report is required to be submitted in a format utilizing worksheets as described in the ORBCA Guidance Document (Appendix G). All sampling, investigation, remediation, or any other activity must be supervised by a certified UST consultant. It is also required that any consultant submitting an ORBCA report or any other evaluations of risk must have completed ORBCA-certified training. Failure to have a certified UST consultant supervising activities or to submit required reports may result in enforcement action seeking fines and rejection of all submitted reports.

In the event you fail to comply with these requirements, you may be subject to enforcement action and/or fines.

The Oklahoma Petroleum Storage Tank Release Indemnity Fund Program identifies reimbursement allowed by OAC 165:27. Approvals made by the UST/AST Regulatory Program does not constitute approvals for reimbursement from the Indemnity Fund Program. For reimbursement guidance, please contact the Indemnity Fund Program at 405/521-4683.

If you have any questions, contact the Fuel Storage Department at (405) 521-6721, between 8:00 a.m. and 4:30 p.m. Monday through Friday. Please reference the appropriate OCC Facility Number and Case Number on all correspondence.

Sincerely,



G. Thomas Current
Senior Environmental Specialist

GTC:rfp

cc: Caldwell Environmental
Attn: Terry Andrews
P.O. Box 1608
Norman, OK 73070

(064-1975)



RECEIVED
LUST TRUST FUND

OCT 03 1997

OKLAHOMA CORPORATION
COMMISSION

Caldwell Environmental Associates, Inc.
P.O. Box 1608 / Norman, OK 73070
phone (405) 329-7167, fax (405) 329-7277

Fax Cover Sheet

Date: 10/3/97

Pages: 3

To: Tom Current

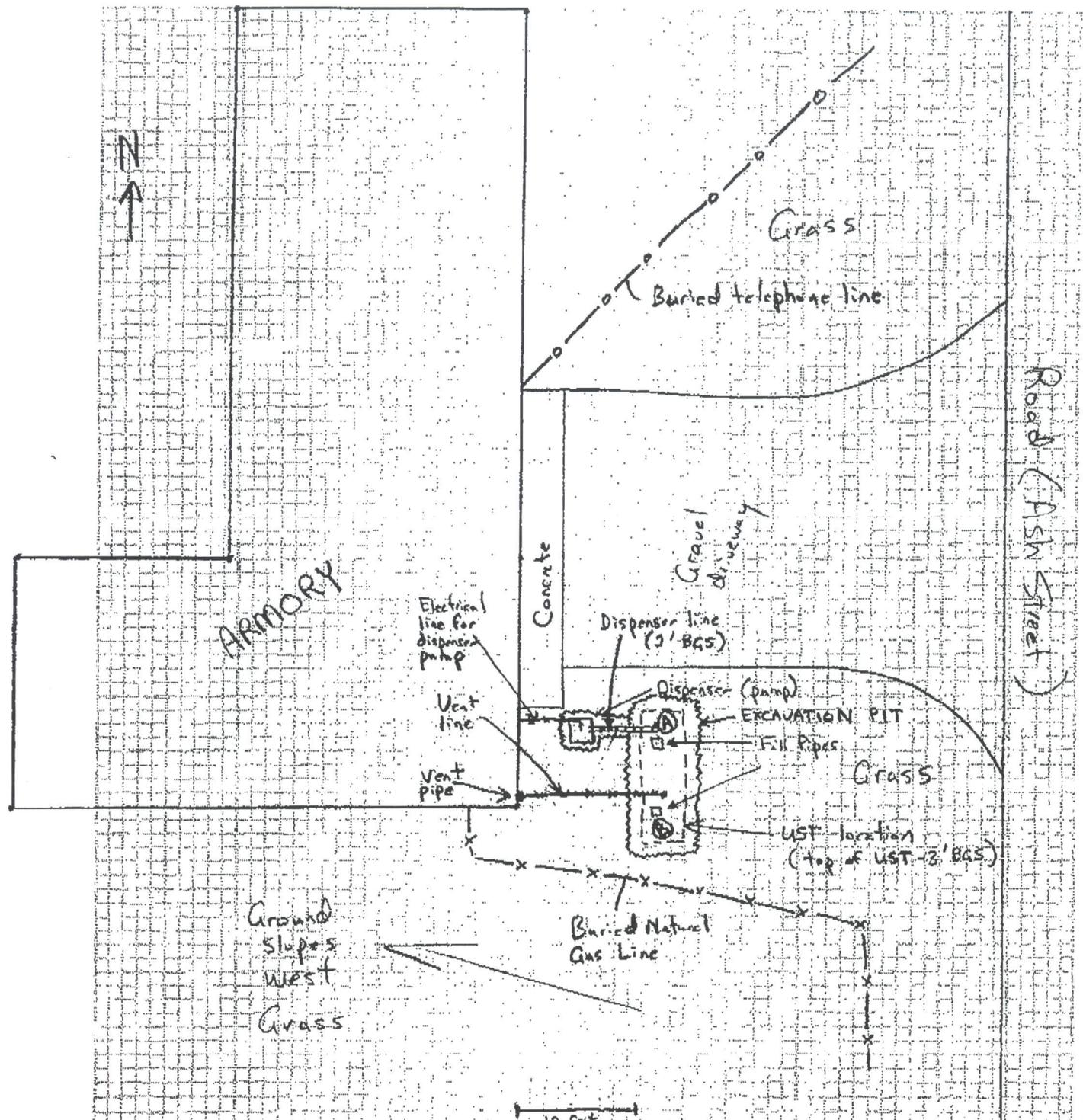
Fax Phone: 521-6576

From: Terry Andrews
UST consultant #344

Subject: Reporting confirmed release at Oklahoma Military Department Armory at 1001 North Ash, Pauls Valley, OK. Facility number is 2505778. Tank and dispenser piping was removed on 9/24/97 and native soil samples were collected at the time of removal. Analytical results were received on 10/2/97.

PROJECT: Park Valley OMD SHEET: 1 OF 1
 SUBJECT: Removal of UST BY: TA DATE: 9/24/97

Caldwell Environmental Assoc., Inc.
 P.O. Box 1608
 Norman, OK 73070
 (405) 329-7167
 Fax (405) 329-7277



- (A) Native soil sample A - collected in soil 11 feet BGS (approx. 5 feet below tank)
- (B) Native soil sample B - collected in soil 10 feet BGS (approx. 4 feet below tank)

IMAGED 6/17/2003

PAUSE: ITS FALLS: A: 1 001-1-1 07 PAGE 1

SUMMARY REPORT

CLIENT : Caldwell Environmental Associates
PROJECT : Pauls Valley OMD

JOB NUMBER : D97-11657
REPORT DATE : 30-SEP-1997

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
1	Sample A South End of Hole	Soil	24-SEP-1997
2	Sample B North End of Hole	Soil	24-SEP-1997

VOLATILE AROMATIC ORGANICS, EPA 8020B		1	2
Benzene	µg/Kg	< 2000	< 2000
Ethylbenzene	µg/Kg	19000	46000
Toluene	µg/Kg	2000	84000
Xylenes	µg/Kg	142000	274000
4-Bromofluorobenzene (SS)	%	121	94.5
Naphthalene	µg/Kg	22600	11900

GASOLINE RANGE ORGANICS, EPA 5030/8015B		1	2
Total Petroleum Hydrocarbon	µg/Kg	1980000	1670000
Fluorobenzene	%	83.8	120

INITIAL RESPONSE AND INITIAL ABATEMENT REPORT
OKLAHOMA MILITARY DEPARTMENT ARMORY
PAULS VALLEY, OKLAHOMA

OCC Case #064-1975
Facility #67-05778

Prepared For:

Oklahoma Military Department
Oklahoma City, Oklahoma

Prepared By:



Caldwell Environmental Associates, Inc.
Norman, Oklahoma
October, 1997



October 27, 1997

Mr. G. Thomas Carrant
Senior Environmental Specialist
Oklahoma Corporation Commission
Fuel Storage Department
P.O. Box 52000-200
Oklahoma City, Oklahoma 73152-2000

Re: Oklahoma Military Department
Armory, Pauls Valley, Oklahoma

Dear Mr. Carrant:

On behalf of the Oklahoma Military Department, this submittal is intended to comply with OAC 165:25-3-72, and OAC 165:25-3-73. If you have any questions concerning this report, please contact me at (405) 329-7167.

Sincerely,

Terry Andrews
Senior Hydrogeologist

cc: Captain Terrence Smith, OMD

INITIAL RESPONSE
(OAC 165:25-3-72)

1. Reporting of the Release

On September 24, 1997, Caldwell Environmental Associates, Inc. (CEA) removed one 1,000 gallon Underground Storage Tank (UST) and all associated piping from the Oklahoma Military Department (OMD) Armory located in Pauls Valley, Oklahoma. The UST had one dime sized hole in the south end of the tank and petroleum impacted soil was encountered beneath the UST. Two samples of native soil were collected from the UST excavation. Sample A was collected approximately five feet below the north end of the UST and sample B was collected approximately six feet below the south end of the UST. The ethylbenzene (19 mg/kg) and TPH (1,980 mg/kg) levels were reported above the Oklahoma Corporation Commission (OCC) action levels in Sample A. Ethylbenzene (46 mg/kg), toluene (84 mg/kg), xylenes (274 mg/kg), and volatile TPH (1,980 mg/kg) were reported above OCC action levels in Sample B. The analytical detection limit for benzene was not low enough to tell if the benzene level in either sample exceeded the Oklahoma Corporation Commission action level for benzene. The amount of fuel released at the site is unknown. The UST had been used to store gasoline. The analytical results were received by CEA on October 2, 1997. A confirmed release was reported to the OCC within 24 hours by CEA on October 3, 1997.

2. Take Immediate Action to Prevent Any Further Release

No liquids or sludge were found in the UST. After the UST was removed and inerted with dry ice, a 1.5 foot by 1.5 foot hole was cut in the end of the tank. Field screening of the soil under the tank using an Organic Vapor Meter (OVM) photoionization detector (PID) indicated that soil petroleum impacts under the tank increased with depth. After the UST was removed and soil samples collected, impacted soil was placed back into the excavation first, then clean fill sand and then topsoil was placed on top of the impacted soil and compacted to grade. This eliminated the direct contact hazard to fuel impacted soil, prevented surface water from entering the excavation, and eliminated the open pit safety hazard. The UST and all associated piping was removed from the site and recycled

at Washita Steel and Pipe in Chickasha, Oklahoma. Captain Terrence Smith of the Oklahoma Military Department visually inspected the tank closure activities. No disposal of soil, sludge, or liquid was performed and no permits were required.

3. Identify and Mitigate Any Fire, Explosion and Vapor Hazards

Field monitoring did not identify any fire, explosion, or vapor hazard while the UST was being removed. The excavation has been backfilled so no additional precautions are necessary to insure public safety from fire, explosion, or hazardous vapors.

INITIAL ABATEMENT MEASURES AND SITE CHECK

(OAC 165:25-3-73)

1. Removal of Product From System

No fuel was encountered in the UST or the UST system's dispenser line. No free fuel product was observed in the UST excavation after tank removal. The UST had been used to store gasoline fuel.

2. Visual Inspection of Releases

The release area was inspected by Terry Andrews (Certified UST Consultant #0334) of CEA the day the UST was removed (9-24-97). After the UST was removed, the soil beneath the UST and former fuel island was screened for fuel impacts with an OVM/PID. Significant volatile organic vapors (>1000 units equivalent to isobutylene) were detected with the OVM/PID directly under the UST. Soil impacts extended under the former tank to at least 11 feet Below Ground Surface (BGS). Soil beneath the south end of the UST had higher OVM/PID readings and appeared to be more stained than the rest of the excavation. Native soil found under the UST system consisted of silty sand and sandy loam. No ground water or free fuel product was observed entering the UST excavation after tank removal.

3. Monitoring and Mitigation of Fire and Safety Hazards

The excavation has been backfilled with sand fill and topsoil from approximately five feet to ground surface and compacted. This has eliminated any fire, explosion, or vapor hazard from the release, and eliminates any safety hazard from the open excavation. No petroleum vapors were detected by the OVM/PID in the Armory building located immediately adjacent to the UST excavation.

4. Remedy Hazards Posed by Contaminated Soils

Fuel impacted soil removed from under the former fuel island and below the UST was placed back into the excavation. Clean fill sand and then topsoil was placed on top of the impacted soil to remove the direct contact route of exposure. Any risk the impacted soil poses to human health and the environment will be evaluated during the subsequent Oklahoma Risk Based Corrective Action (ORBCA) investigation. If any impacted soil is removed from the site the soil will be disposed of according to the State of Oklahoma Department of Environmental Quality (DEQ) regulations.

5. Measure for the Presence of a Release

Two soil samples were collected from the UST excavation. Sample A was collected approximately five feet below the north end of the UST (11 feet BGS). Sample B was collected approximately four feet below the south end of the UST (10 feet BGS). The soil samples were shipped to ITS Environmental Laboratories of Richardson, Texas via overnight courier. The soil samples were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX) and naphthalene using EPA method 8020. The soil samples were also analyzed for volatile TPH using EPA method 8015 modified. The attached site map shows the locations where soil samples were collected and the location of the former UST system in relationship to the Armory building. The ethylbenzene (19 mg/kg) and TPH (1,980 mg/kg) levels were reported above the Oklahoma Corporation Commission action levels in Sample A. The ethylbenzene (46 mg/kg), toluene (84 mg/kg), xylenes (274 mg/kg), and TPH (1,980 mg/kg) levels were reported above the Oklahoma Corporation Commissions action levels in Sample B. The analytical detection limit for benzene was not low enough to tell if the benzene level in either sample exceeded the Oklahoma Corporation Commission action level for benzene. The analytical results for the soil samples collected are summarized in the table below, and a copy of the laboratory report is attached. A confirmed release was reported to the OCC on October 3, 1997.

Native Soil Sample Analytical Results (mg/kg)

Parameter	Sample A - Below north end of UST, 11 feet BGS	Sample B - Below south end of UST, 10 feet BGS	OCC native soil Action Levels
Benzene	<2.0	<2.0	0.5
Toluene	2.0	84.0	40.0
Ethylbenzene	19.0	46.0	15.0
Xylenes	142.0	274.0	200.0
Naphthalene	22.6	11.9	None
TPH Volatile	1,980	1,670	50.0

Notes: All results in mg/kg (ppm)

< denotes sample results are less than laboratory's detection limit.

6. Investigate the Presence of Free Product

After the UST was removed on September 24, 1997, no ground water or free fuel product was observed in the UST/fuel island excavation.

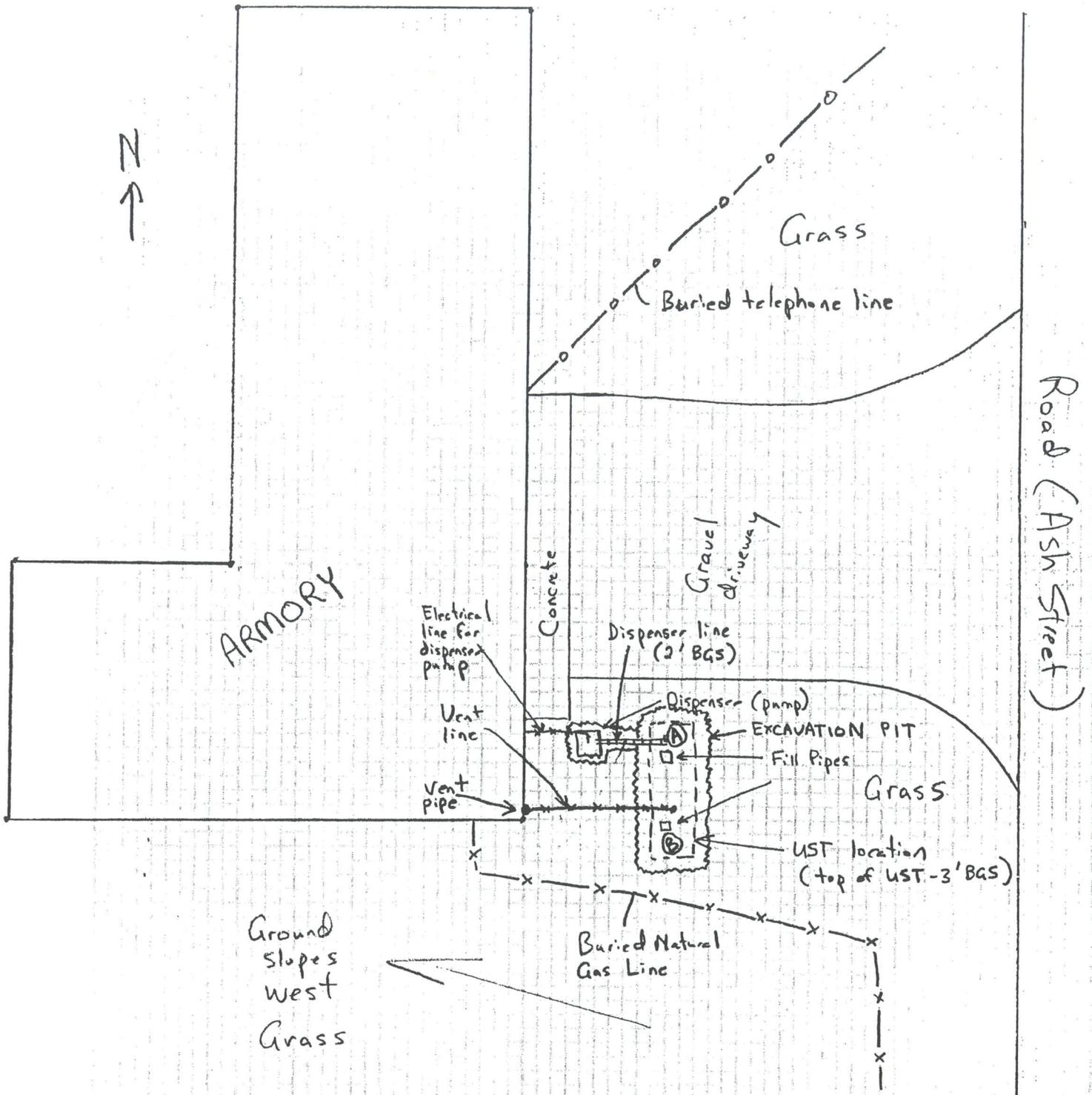
Attachments:

Site Map

Laboratory Report

PROJECT: Pauls Valley OMD SHEET: 1 OF 1
 SUBJECT: Removal of UST BY: JA DATE: 9/24/97

Caldwell Environmental Assoc., Inc.
 P.O. Box 1608
 Norman, OK 73070
 (405) 329-7167
 Fax (405) 329-7277



- 10 feet
- Ⓐ Native soil sample A - collected in soil 11 feet BGS (approx. 5 feet below tank)
 - Ⓑ Native soil sample B - called in soil 10 feet BGS (approx. 4 feet below tank)



Intertek Testing Services Environmental Laboratories

ANALYTICAL REPORT

DATE RECEIVED : 25-SEP-1997

REPORT NUMBER : D97-11657
REPORT DATE : 30-SEP-1997

ATTENTION : Mr. Terry Andrews
SAMPLE SUBMITTED BY : Caldwell Environmental Associates
ADDRESS : P.O. Box 1608
: Norman, OK 73069

PROJECT : Pauls Valley OMD

Included in this data package are the analytical results for the sample group which you have submitted to Intertek Testing Services for analysis. These results are representative of the samples as received by the laboratory.

The information contained herein has undergone extensive review and is deemed accurate and complete. Sample analysis and quality control were performed in accordance with all applicable protocols. Please refrain from reproducing this report except in its entirety.

If you have any questions regarding this report and its associated materials please call your Project Manager at (972) 238-5591.

We appreciate the opportunity to serve you and look forward to providing continued service in the future.

Martin Jeffus
General Manager



Intertek Testing Services Environmental Laboratories

DATE RECEIVED : 25-SEP-1997

REPORT NUMBER : D97-11657-1
REPORT DATE : 30-SEP-1997

SAMPLE SUBMITTED BY : Caldwell Environmental Associates
ADDRESS : P.O. Box 1608
: Norman, OK 73069
ATTENTION : Mr. Terry Andrews

SAMPLE MATRIX : Soil
ID MARKS : Sample A South End of Hole
PROJECT : Pauls Valley OMD
DATE SAMPLED : 24-SEP-1997
ANALYSIS METHOD : EPA 8020B /1
ANALYZED BY : RFG
ANALYZED ON : 30-SEP-1997
DILUTION FACTOR : 1000
METHOD FACTOR : 10
QC BATCH NO : 27-092997N

VOLATILE AROMATIC ORGANICS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Benzene	2000 $\mu\text{g/Kg}$	< 2000 $\mu\text{g/Kg}$
Ethylbenzene	2000 $\mu\text{g/Kg}$	19000 $\mu\text{g/Kg}$
Toluene	2000 $\mu\text{g/Kg}$	2000 $\mu\text{g/Kg}$
Xylenes	2000 $\mu\text{g/Kg}$	142000 $\mu\text{g/Kg}$
Naphthalene		22600 $\mu\text{g/Kg}$

QUALITY CONTROL DATA	
SURROGATE COMPOUND	SPIKE RECOVERED
4-Bromofluorobenzene (SS)	121 %



Intertek Testing Services Environmental Laboratories

DATE RECEIVED : 25-SEP-1997

REPORT NUMBER : D97-11657-1

REPORT DATE : 30-SEP-1997

SAMPLE SUBMITTED BY : Caldwell Environmental Associates
ADDRESS : P.O. Box 1608
 : Norman, OK 73069
ATTENTION : Mr. Terry Andrews

SAMPLE MATRIX : Soil
ID MARKS : Sample A South End of Hole
PROJECT : Pauls Valley OMD
DATE SAMPLED : 24-SEP-1997
ANALYSIS METHOD : EPA 5030/8015B /1
ANALYZED BY : MKS
ANALYZED ON : 30-SEP-1997
DILUTION FACTOR : 1000
METHOD FACTOR : 1
QC BATCH NO : 28-092997

GASOLINE RANGE ORGANICS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Petroleum Hydrocarbon	50000 $\mu\text{g/Kg}$	1980000 $\mu\text{g/Kg}$

QUALITY CONTROL DATA		
SURROGATE COMPOUND		SPIKE RECOVERED
Fluorobenzene		83.8 %

Intertek Testing Services NA Inc.
1089 East Collins Boulevard Richardson, TX 75081
Telephone (972) 238-5591 Fax (972) 238-5592



Intertek Testing Services Environmental Laboratories

DATE RECEIVED : 25-SEP-1997

REPORT NUMBER : D97-11657-2

REPORT DATE : 30-SEP-1997

SAMPLE SUBMITTED BY : Caldwell Environmental Associates
ADDRESS : P.O. Box 1608
: Norman, OK 73069
ATTENTION : Mr. Terry Andrews

SAMPLE MATRIX : Soil
ID MARKS : Sample B North End of Hole
PROJECT : Pauls Valley OMD
DATE SAMPLED : 24-SEP-1997
ANALYSIS METHOD : EPA 8020B /1
ANALYZED BY : RFG
ANALYZED ON : 30-SEP-1997
DILUTION FACTOR : 1000
METHOD FACTOR : 10
QC BATCH NO : 27-092997N

VOLATILE AROMATIC ORGANICS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Benzene	2000 $\mu\text{g/Kg}$	< 2000 $\mu\text{g/Kg}$
Ethylbenzene	2000 $\mu\text{g/Kg}$	46000 $\mu\text{g/Kg}$
Toluene	2000 $\mu\text{g/Kg}$	84000 $\mu\text{g/Kg}$
Xylenes	2000 $\mu\text{g/Kg}$	274000 $\mu\text{g/Kg}$
Naphthalene		11900 $\mu\text{g/Kg}$

QUALITY CONTROL DATA		
SURROGATE COMPOUND		SPIKE RECOVERED
4-Bromofluorobenzene (SS)		94.5 %

Intertek Testing Services NA Inc.
1089 East Collins Boulevard Richardson, TX 75081
Telephone (972) 238-5591 Fax (972) 238-5592



Intertek Testing Services Environmental Laboratories

DATE RECEIVED : 25-SEP-1997

REPORT NUMBER : D97-11657-2
REPORT DATE : 30-SEP-1997

SAMPLE SUBMITTED BY : Caldwell Environmental Associates
ADDRESS : P.O. Box 1608
: Norman, OK 73069
ATTENTION : Mr. Terry Andrews

SAMPLE MATRIX : Soil
ID MARKS : Sample B North End of Hole
PROJECT : Pauls Valley OMD
DATE SAMPLED : 24-SEP-1997
ANALYSIS METHOD : EPA 5030/8015B /1
ANALYZED BY : MKS
ANALYZED ON : 30-SEP-1997
DILUTION FACTOR : 1000
METHOD FACTOR : 1
QC BATCH NO : 28-092997

GASOLINE RANGE ORGANICS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Petroleum Hydrocarbon	50000 $\mu\text{g/Kg}$	1670000 $\mu\text{g/Kg}$

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE RECOVERED	
Fluorobenzene	120	%



REPORT DATE : 30-SEP-1997

REPORT NUMBER : D97-11657

SAMPLE SUBMITTED BY : Caldwell Environmental Associates
 ATTENTION : Mr. Terry Andrews
 PROJECT : Pauls Valley OMD

LABORATORY QUALITY CONTROL REPORT

ANALYTE	Benzene	Ethylbenzene	Total Petroleum Hydrocarbon
BATCH NO.	27-092997N	27-092997N	28-092997
LCS LOT NO.	AC033-62A	AC033-62A	AC033-62A
PREP METHOD	---	---	---
PREPARED BY	---	---	---
ANALYSIS METHOD	EPA 8020B	EPA 8020B	EPA 5030/8015B
ANALYZED BY	RFG	RFG	RFG
UNITS	µg/Kg	µg/Kg	µg/Kg
METHOD BLANK	< 2.00	< 2.00	< 50.0
SPIKE LEVEL	50.0	50.0	500
SPK REC LIMITS	70.0 - 130	70.0 - 130	70.0 - 130
SPK RPD LIMITS	25.0	25.0	25.0
MS RESULT	75.6	49.4	720
MS RECOVERY %	103	98.8	117
MSD RESULT	73.3	48.8	687
MSD RECOVERY %	98.8	97.6	111
MS/MSD RPD %	4.55	1.22	5.78
BS RESULT	NA	NA	NA
BS RECOVERY %	NA	NA	NA
BSD RESULT	NA	NA	NA
BSD RECOVERY %	NA	NA	NA
BS/BSD RPD %	NA	NA	NA
DUP RPD LIMITS	---	---	---
DUPLICATE RPD %	NA	NA	NA
LCS LEVEL	50.0	50.0	500
LCS REC LIMITS	70.0 - 130	70.0 - 130	70.0 - 130
LCS RESULT	43.0	42.4	481
LCS RECOVERY %	86.0	84.8	96.2
SPIKE SAMPLE ID	11772-1	11772-1	11772-1
SAMPLE VALUE	23.9	< 2.00	133
DUP SAMPLE ID	---	---	---
DUP SAMPLE VAL/1	---	---	---
DUP SAMPLE VAL/2	---	---	---

NA Not applicable

Intertek Testing Services NA Inc.
 1089 East Collins Boulevard Richardson, TX 75081
 Telephone (972) 238-5591 Fax (972) 238-5592

Report to:
 Company: Caldwell Env. Assoc.
 Address: P.O. Box 1608
 Contact: Norman D.V. 730
 Phone: 405-329-7167
 Fax: 405-329-7277

Invoice to
 Company: Same
 Address: _____
 Contact: Julie Caldwell
 Phone: 405-329-7167
 PO/ISO #: _____

Sampler's Name
Terry Andrews

Sampler's Signature
Terry Andrews

Proj. No. _____
 Project Name
Pauls Valley OMD

No./Type of Containers²

Matrix ¹	Date	Time	C o m p	G r a b	Identifying Marks of Sample(s)	VOA	AVG 1 L.	250 ml	P/O
S	9/24/97	8:30		X	Sample A, South end of hole			2	
S	9/24/97	9:45		X	Sample B, North end of hole			2	

**BTEX
 TPH (gasoline range)
 Naphthalene**

ANALYSIS
 REQUESTED

Lab use only
 Due Date: _____

Temp. of coolers when received (C°)
 1 _____ 2 _____ 3 _____ 4 _____

Custody Seal _____

Intact _____

Screened For Radioactivity [_____]

Lab Sample ID (Lab Use Or)
11657-1
-2

Turn around time
 Priority 1 or Standard
 Priority 2 or 50%
 Priority 3 or 100%
 Priority 4 ERS *

Relinquished by: (Signature) _____ Date: 9/24/97 Time: 14:00
 Received by: (Signature) _____ Date: 9/25/97 Time: 0930

Relinquished by: (Signature) _____ Date: _____ Time: _____
 Received by: (Signature) _____ Date: _____ Time: _____

Relinquished by: (Signature) _____ Date: _____ Time: _____
 Received by: (Signature) _____ Date: _____ Time: _____

Remarks
Standard

* BTEX (602/8020), TPH (418, 1 or 8015), VOLATILES (624/8240), IGNITABILITY, TOTAL LEAD (6010)

Matrix
 1 WW - Wastewater
 2 Container VOA - 40 ml vial

W - Water
 AVG - Amber / Or Glass 1 Liter

S - Soil
 SD - Solid
 L - Liquid
 250 ml - Glass wide mouth

A - Air Bag
 C - Charcoal tube
 P/O - Plastic or other

SL - Sludge
 O - Oil

Inchcape cannot accept verbal change:
 Please Fax written changes to
 972-238-5592

ORIGINAL

Client's delivery of samples constitutes acceptance of Inchcape/ITS-Dallas terms and conditions contained in the Price Schedule.

OFFICE USE ONLY

UNDERGROUND STORAGE TANK

CLOSURE REPORT

ARMORY

PAULS VALLEY, OKLAHOMA

**Prepared For:
Oklahoma Military Department**

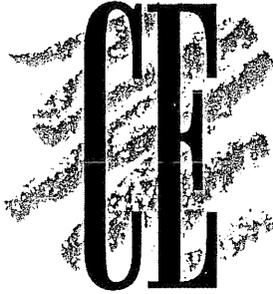
Prepared By:



**CALDWELL ENVIRONMENTAL ASSOCIATES, INC.
NORMAN, OKLAHOMA**

November, 1997

November 7, 1997



Mr. G. Thomas Current
Senior Environmental Specialist
Oklahoma Corporation Commission
Fuel Storage Department
P.O. Box 52000-200
Oklahoma City, Oklahoma 73152-2000

Re: Oklahoma Military Department
UST Closure, Armory, Pauls Valley, Oklahoma

Dear Mr. Current:

Please find the attached closure report for the Underground Storage Tank (UST) that was located at the Armory in Pauls Valley, Oklahoma. One dime sized hole was found in the UST during removal. Petroleum impacted sand was encountered under the UST. Two soil samples were collected from the UST excavation for laboratory analysis after UST removal. Sample A was collected approximately five feet below the north end of the UST (11 feet BGS) and sample B was collected approximately four feet below the south end of the UST (six feet BGS). The ethylbenzene (19 mg/kg) and TPH (1,980 mg/kg) levels were reported above the Oklahoma Corporation Commission action levels in Sample A. The ethylbenzene (46 mg/kg), toluene (84 mg/kg), xylenes (274 mg/kg), and TPH (1,980 mg/kg) levels were reported above the Oklahoma Corporation Commissions action levels in Sample B. The analytical detection limit for benzene was not low enough to tell if the benzene level in either sample exceeded the Oklahoma Corporation Commission action level. If you have any questions concerning this report, please call me at 329-7167.

Sincerely,

Terry Andrews
Senior Hydrogeologist

OKLAHOMA CORPORATION COMMISSION

Fuel Division, UST/AST Program

P.O. Box 52000-2000

Oklahoma City, OK 73152-2000

(405) 522-4640

CLOSURE REPORT

FOR

PERMANENTLY CLOSED UNDERGROUND STORAGE TANKS

**PLEASE SUBMIT THIS COMPLETED FORM ALONG WITH ATTACHMENTS WITHIN
45 DAYS OF THE SCHEDULED CLOSURE.**

1. **Facility Identification Number.** 2505778
2. **Facility location Name and Address**
Oklahoma Military Department Armory
1001 North Ash
Pauls Valley, Oklahoma
3. **Owner's Name and Address.**
Oklahoma Military Department Contact: Captain Terrence Smith
Directorate of Engineering
Environmental Office
3517 Military Circle
Oklahoma City, Oklahoma 73111-4398
4. **Date Work Accomplished:** 9-24-97
5. Number and size of tanks remaining at this facility
None
6. Number and size of tanks removed.
One 1,000 Gallon Steel UST
 - (a) **Condition of removed tanks. Are there any holes present?**
The UST had at least one hole. A dime sized hole was present in the bottom edge of the south end of the tank.
 - (b) Describe the disposal and/or disposition of the tank(s).
The tank was destroyed on site by cutting a large hole in the end of the tank
The tank was taken to Washita Pipe and Steel Chickasha, Oklahoma for metal recycling.
 - (c) If tank system consisted of pressure piping, were samples taken at least every 40 feet? No pressure piping.
 - (d) Was excavated soil removed from the site? No
 - (e) If so, was a permit obtained for its removal? _____
7. Number and size of tanks filled with inert material. None
8. **Estimated date tanks were last used.** 1982

9. Assess the site for potential contamination by:
- (a) testing the soil or ground water; or
 - (b) using an external leak detection method such as monitoring wells.
 - (c) Were field screening instruments used? YES
 - (d) If so, what was the type and model number? Organic Vapor Meter (OVM) Photoionization Detector (PID) Model # 580B

NOTE: If soil or ground water samples are used for a site assessment, the person taking the samples must be under the supervision of or be a certified UST Consultant.

10. Certified UST Consultant responsible for the sampling.
I certify the samples were taken at locations where contamination had most likely occurred.

Name Terry Andrews
Address Caldwell Environmental Associates, Inc.
PO Box 1608
Norman, Oklahoma 73070
Phone Number (405) 329-7167
Certification Number 0334

Signature of Oklahoma Certified UST Consultant:

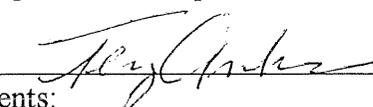
 Date 11/10/97

11. A site sketch shall include:
- (a) North arrow
 - (b) Tank pit location
 - (c) Proximity of tank pit to roads, buildings, or other landmarks measured in feet
 - (d) Piping Layout and pump island location
 - (e) Soil sample locations identifying the sample identification

12. Site Assessment prepared by:

Name Terry Andrews
Address Caldwell Environmental Associates, Inc.
PO Box 1608
Norman, Oklahoma 73070
Phone Number (405) 329-7167

Signature of Preparer:

 Date 11/10/97

Attachments:

See Following Page

ATTACHMENTS

UST Registration Form (Form 7530-1)

Laboratory Report

Site Maps

UST Certificate of Destruction

Field Notes

Site Photographs

Registration for Underground Storage Tanks

Oklahoma Corporation Commission
 Underground Storage Tank Program
 P.O. Box 52000-2000, Rm 250
 Oklahoma City, OK 73152-2000

STATE USE ONLY

ID NUMBER _____

DATE RECEIVED _____

A. Date entered into computer _____

B. Data entry clerk initials _____

C. Owner was contacted to clarify responses.

Comments: _____

TYPE OF NOTIFICATION

A. NEW FACILITY B. AMENDED

C. CLOSURE

 1 No. of tanks at facility. No. of continuation sheets attached.

INSTRUCTIONS

Please type or print in ink. This form must be completed for each location containing underground storage tanks. If more than four (4) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

GENERAL INFORMATION

Notification is required by Federal and State Law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1985, or that are brought into use after May 8, 1986.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

II. LOCATION OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Oklahoma Military Department
Directorate of Engineering Env. office

3517 Military Circle

Mailing Address

Oklahoma City, OK 73111-4398

City & State

Zip Code

Oklahoma

County

(405) 425-8333

(Area Code) Phone Number

If known, give the geographic location by degrees, minutes, and seconds. Example: Lat. 42, 36, 12 N Long. 85, 24, 17W.

Latitude 34°44'48" Longitude 97°13'51"

National Guard Armory

Facility Name or Company Site Identifier, as applicable

1001 N. Ash

Street Address (P.O. Box not acceptable)

Pauls Valley

City & State

Zip Code

Garvin

County

III. TYPE OF OWNER/FACILITY	IV. INDIAN LANDS
<input type="checkbox"/> Federal Government <input checked="" type="checkbox"/> State Government <input type="checkbox"/> Local Government	<input type="checkbox"/> Commercial <input type="checkbox"/> Farm <input type="checkbox"/> Gas Station <input type="checkbox"/> Other
Tanks are located on land within an Indian Reservation or on other trust lands.	
Tribe or Nation _____	

V. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Captain Terrence Smith	Env. Specialist	3517 Military Circle, OKC, OK 73111-4398	(405) 425-8333

VI. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H & OAC 165:25, Subchapter 13.

VII. DESCRIPTION OF UNDERGROUND STORAGE TANKS COMPLETE FOR EACH TANK AT THIS LOCATION.

Tank Identification Number	Tank No. 1	Tank No.	Tank No.	Tank No.
1. Status of Tank (mark only one) Currently In Use Temporarily Out of Use (Remember to fill out section VIII) Permanently Out of Use (Remember to fill out section VIII)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Date of Installation (mo./year)	1950?			
3. Estimated Total Capacity (gallons)	1,000			
4. Material of Construction (Mark all that apply)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cathodically Protected Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Composite (Steel with Fiberglass)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lined Interior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polyethylene Tank Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excavation Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please specify	_____	_____	_____	_____
	_____	_____	_____	_____

Tank Identification Number	Tank No. <u>1</u>	Tank No. _____	Tank No. _____	Tank No. _____
5. Piping (Material) (Mark all that apply) Steel Fiberglass Reinforced Plastic Copper Cathodically Protected Double Walled Secondary Containment Unknown Other, Please specify	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Piping (Mark all that apply) Pressure Suction: no valve at tank Suction: valve at tank	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7. Substances Currently or Last Stored in Greatest Quantity. Gasoline Diesel Gasohol Kerosene Heating Oil Used Oil Other, Please specify	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Hazardous Substance CAS Number or CERCLA Name	_____	_____	_____	_____
VIII. TANKS OUT OF USE, OR CHANGE IN SERVICE				
1. Closing of Tank A. Estimated date last used	<u>1980?</u>	_____	_____	_____
B. Estimate date tank closed or removed. (mo./date/year)	<u>9/24/97</u>	_____	_____	_____
C. Tank was removed from ground. D. Tank was closed in ground. E. Tank filled with inert material. Describe type of material used. F. Change in service.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/>
2. Site Assessment Completed	<u>yes</u>	_____	_____	_____
Evidence of a leak detected	<u>yes</u>	_____	_____	_____

IX. CERTIFICATION OF COMPLIANCE
 (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

OATH: I certify the information concerning installation that is provided in Section IX is true to the best of my belief and knowledge.

Installer Name: _____ License # _____

Position: _____ Company: _____

Signature of Installer & Date: _____

Tank Identification Number Tank No. ____ Tank No. ____ Tank No. ____ Tank No. ____

1. Installation Installer certified or licensed by the implementing agency	_____	_____	_____	_____
---	-------	-------	-------	-------

2. Release Detection (Mark all that apply) A. Manual tank gauging B. Tightness testing C. Inventory controls D. Automatic tank gauging E. Vapor monitoring F. Groundwater monitoring G. Interstitial monitoring double walled tank/piping H. Interstitial monitoring or secondary containment I. Automatic line leak detectors J. Other method allowed by Implementing Agency. Please specify.	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
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Intertek Testing Services Environmental Laboratories

ANALYTICAL REPORT

DATE RECEIVED : 25-SEP-1997

REPORT NUMBER : D97-11657

REPORT DATE : 30-SEP-1997

ATTENTION : Mr. Terry Andrews
SAMPLE SUBMITTED BY : Caldwell Environmental Associates
ADDRESS : P.O. Box 1608
: Norman, OK 73069

PROJECT : Pauls Valley OMD

Included in this data package are the analytical results for the sample group which you have submitted to Intertek Testing Services for analysis. These results are representative of the samples as received by the laboratory.

The information contained herein has undergone extensive review and is deemed accurate and complete. Sample analysis and quality control were performed in accordance with all applicable protocols. Please refrain from reproducing this report except in its entirety.

If you have any questions regarding this report and its associated materials please call your Project Manager at (972) 238-5591.

We appreciate the opportunity to serve you and look forward to providing continued service in the future.

Martin Jeffus
General Manager



Intertek Testing Services Environmental Laboratories

DATE RECEIVED : 25-SEP-1997

REPORT NUMBER : D97-11657-1
REPORT DATE : 30-SEP-1997

SAMPLE SUBMITTED BY : Caldwell Environmental Associates
ADDRESS : P.O. Box 1608
 : Norman, OK 73069
ATTENTION : Mr. Terry Andrews

SAMPLE MATRIX : Soil
ID MARKS : Sample A South End of Hole
PROJECT : Pauls Valley OMD
DATE SAMPLED : 24-SEP-1997
ANALYSIS METHOD : EPA 8020B /1
ANALYZED BY : RFG
ANALYZED ON : 30-SEP-1997
DILUTION FACTOR : 1000
METHOD FACTOR : 10
QC BATCH NO : 27-092997N

VOLATILE AROMATIC ORGANICS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Benzene	2000 $\mu\text{g/Kg}$	< 2000 $\mu\text{g/Kg}$
Ethylbenzene	2000 $\mu\text{g/Kg}$	19000 $\mu\text{g/Kg}$
Toluene	2000 $\mu\text{g/Kg}$	2000 $\mu\text{g/Kg}$
Xylenes	2000 $\mu\text{g/Kg}$	142000 $\mu\text{g/Kg}$
Naphthalene		22600 $\mu\text{g/Kg}$

QUALITY CONTROL DATA		
SURROGATE COMPOUND		SPIKE RECOVERED
4-Bromofluorobenzene (SS)		121 %



Intertek Testing Services Environmental Laboratories

DATE RECEIVED : 25-SEP-1997

REPORT NUMBER : D97-11657-1

REPORT DATE : 30-SEP-1997

SAMPLE SUBMITTED BY : Caldwell Environmental Associates

ADDRESS : P.O. Box 1608

: Norman, OK 73069

ATTENTION : Mr. Terry Andrews

SAMPLE MATRIX : Soil

ID MARKS : Sample A South End of Hole

PROJECT : Pauls Valley OMD

DATE SAMPLED : 24-SEP-1997

ANALYSIS METHOD : EPA 5030/8015B /1

ANALYZED BY : MKS

ANALYZED ON : 30-SEP-1997

DILUTION FACTOR : 1000

METHOD FACTOR : 1

QC BATCH NO : 28-092997

GASOLINE RANGE ORGANICS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Petroleum Hydrocarbon	50000 $\mu\text{g/Kg}$	1980000 $\mu\text{g/Kg}$

QUALITY CONTROL DATA		
SURROGATE COMPOUND		SPIKE RECOVERED
Fluorobenzene		83.8 %

Intertek Testing Services NA Inc.
1089 East Collins Boulevard Richardson, TX 75081
Telephone (972) 238-5591 Fax (972) 238-5592



Intertek Testing Services Environmental Laboratories

DATE RECEIVED : 25-SEP-1997

REPORT NUMBER : D97-11657-2

REPORT DATE : 30-SEP-1997

SAMPLE SUBMITTED BY : Caldwell Environmental Associates
ADDRESS : P.O. Box 1608
: Norman, OK 73069
ATTENTION : Mr. Terry Andrews

SAMPLE MATRIX : Soil
ID MARKS : Sample B North End of Hole
PROJECT : Pauls Valley OMD
DATE SAMPLED : 24-SEP-1997
ANALYSIS METHOD : EPA 8020B /1
ANALYZED BY : RFG
ANALYZED ON : 30-SEP-1997
DILUTION FACTOR : 1000
METHOD FACTOR : 10
QC BATCH NO : 27-092997N

VOLATILE AROMATIC ORGANICS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Benzene	2000 $\mu\text{g/Kg}$	< 2000 $\mu\text{g/Kg}$
Ethylbenzene	2000 $\mu\text{g/Kg}$	46000 $\mu\text{g/Kg}$
Toluene	2000 $\mu\text{g/Kg}$	84000 $\mu\text{g/Kg}$
Xylenes	2000 $\mu\text{g/Kg}$	274000 $\mu\text{g/Kg}$
Naphthalene		11900 $\mu\text{g/Kg}$

QUALITY CONTROL DATA		
SURROGATE COMPOUND		SPIKE RECOVERED
4-Bromofluorobenzene (SS)		94.5 %



Intertek Testing Services Environmental Laboratories

DATE RECEIVED : 25-SEP-1997

REPORT NUMBER : D97-11657-2

REPORT DATE : 30-SEP-1997

SAMPLE SUBMITTED BY : Caldwell Environmental Associates
ADDRESS : P.O. Box 1608
 : Norman, OK 73069
ATTENTION : Mr. Terry Andrews

SAMPLE MATRIX : Soil
ID MARKS : Sample B North End of Hole
PROJECT : Pauls Valley OMD
DATE SAMPLED : 24-SEP-1997
ANALYSIS METHOD : EPA 5030/8015B /1
ANALYZED BY : MKS
ANALYZED ON : 30-SEP-1997
DILUTION FACTOR : 1000
METHOD FACTOR : 1
QC BATCH NO : 28-092997

GASOLINE RANGE ORGANICS		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Petroleum Hydrocarbon	50000 $\mu\text{g/Kg}$	1670000 $\mu\text{g/Kg}$

QUALITY CONTROL DATA		
SURROGATE COMPOUND		SPIKE RECOVERED
Fluorobenzene		120 %



Intertek Testing Services Environmental Laboratories

REPORT DATE : 30-SEP-1997

REPORT NUMBER : D97-11657

SAMPLE SUBMITTED BY : Caldwell Environmental Associates
ATTENTION : Mr. Terry Andrews
PROJECT : Pauls Valley OMD

LABORATORY QUALITY CONTROL REPORT

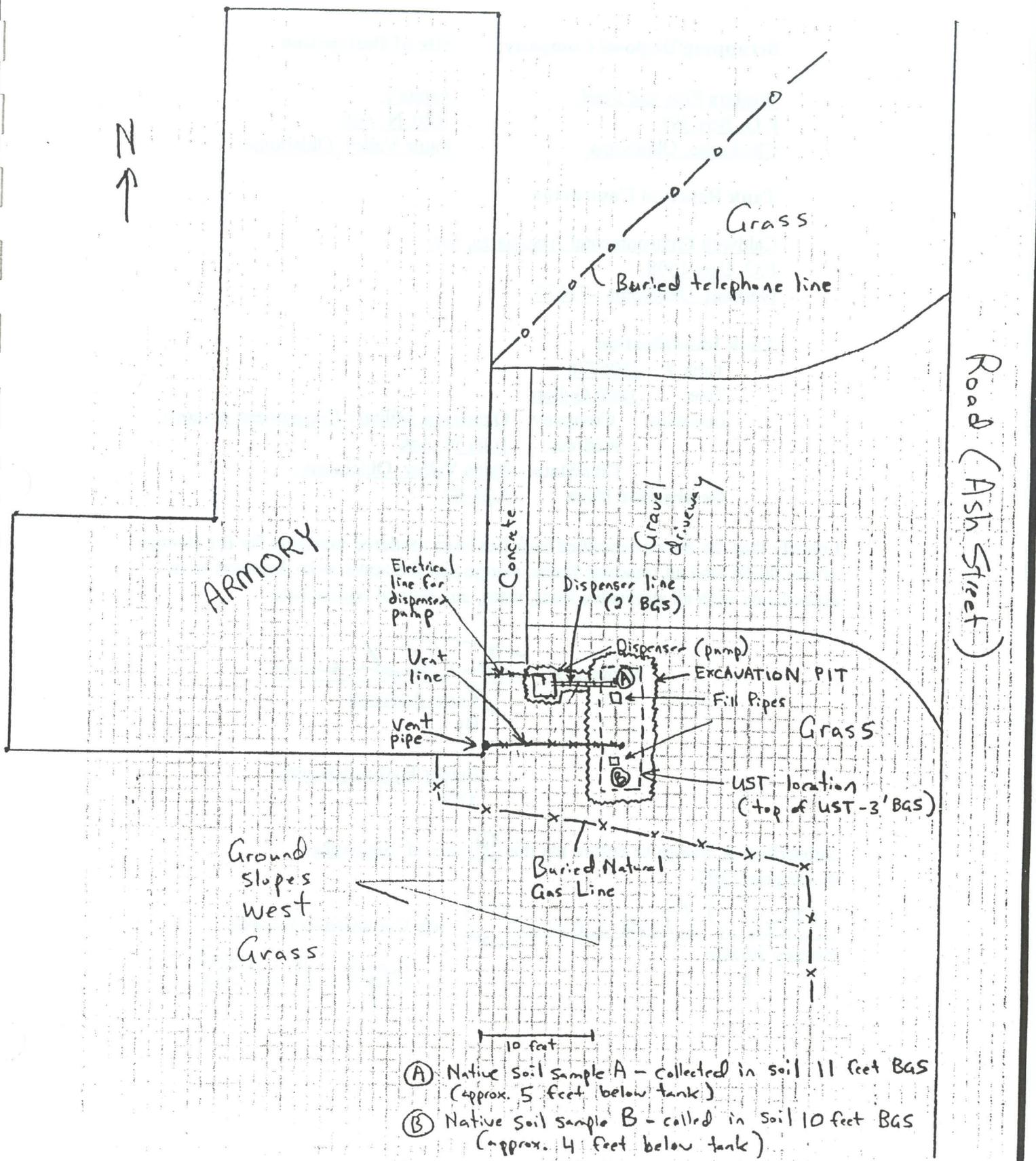
ANALYTE	Benzene	Ethylbenzene	Total Petroleum Hydrocarbon
BATCH NO.	27-092997N	27-092997N	28-092997
LCS LOT NO.	AC033-62A	AC033-62A	AC033-62A
PREP METHOD	---	---	---
PREPARED BY	---	---	---
ANALYSIS METHOD	EPA 8020B	EPA 8020B	EPA 5030/8015B
ANALYZED BY	RFG	RFG	RFG
UNITS	µg/Kg	µg/Kg	µg/Kg
METHOD BLANK	< 2.00	< 2.00	< 50.0
SPIKE LEVEL	50.0	50.0	500
SPK REC LIMITS	70.0 - 130	70.0 - 130	70.0 - 130
SPK RPD LIMITS	25.0	25.0	25.0
MS RESULT	75.6	49.4	720
MS RECOVERY %	103	98.8	117
MSD RESULT	73.3	48.8	687
MSD RECOVERY %	98.8	97.6	111
MS/MSD RPD %	4.55	1.22	5.78
BS RESULT	NA	NA	NA
BS RECOVERY %	NA	NA	NA
BSD RESULT	NA	NA	NA
BSD RECOVERY %	NA	NA	NA
BS/BSD RPD %	NA	NA	NA
DUP RPD LIMITS	---	---	---
DUPLICATE RPD %	NA	NA	NA
LCS LEVEL	50.0	50.0	500
LCS REC LIMITS	70.0 - 130	70.0 - 130	70.0 - 130
LCS RESULT	43.0	42.4	481
LCS RECOVERY %	86.0	84.8	96.2
SPIKE SAMPLE ID	11772-1	11772-1	11772-1
SAMPLE VALUE	23.9	< 2.00	133
DUP SAMPLE ID	---	---	---
DUP SAMPLE VAL/1	---	---	---
DUP SAMPLE VAL/2	---	---	---

NA Not applicable

Intertek Testing Services NA Inc.
1089 East Collins Boulevard Richardson, TX 75081
Telephone (972) 238-5591 Fax (972) 238-5592

PROJECT: Parks Valley OMD SHEET: 1 OF 1
 SUBJECT: Removal of UST BY: JA DATE: 9/24/97

Caldwell Environmental Assoc., Inc.
 P.O. Box 1608
 Norman, OK 73070
 (405) 329-7167
 Fax (405) 329-7277



- (A) Native Soil Sample A - collected in soil 11 feet BGS (approx. 5 feet below tank)
- (B) Native Soil Sample B - called in soil 10 feet BGS (approx. 4 feet below tank)

PROJECT: Pauls Valley OMD SHEET: 1 OF

SUBJECT: UST Pull BY: TA DATE: 9/24/97

Caldwell Environmental Assoc., Inc.
P.O. Box 1608
Norman, OK 73070
(405) 329-7167
Fax (405) 329-7277



- 8:30 Arrive at site, have health + safety meeting
Backhoe here and unload
- 8:40 Calibrate OUM, reads 104 ppm for 100 ppm isobutylene
- 9:10 Excavated tank (approx. 4' diameter, 12' long), gasoline odor in hole,
some soil staining. Small hole about the size of a marble in the
south end of tank (reddish loam) overexcavated pit 3' from tank
- 9:30 Sample A collected from ^{south end} bottom of excavation pit, obvious gasoline odor
+ discoloration > max. on OUM
- 9:45 Sample B collected from north end of excavation pit, > max on OUM,
obvious gasoline odor + discoloration
excavated to approx. 11 feet, no ground water in pit although
soil is semi-moist to moist. Began backfilling
- 11:45 Finished backfilling, went to lunch
- 12:45 Finished lunch, went back to Office. Gravel will be delivered.
- 1:50 Back to office

PROJECT: Pauls Valley OMD

SHEET: 1 OF 2

SUBJECT: tank closure

BY: JA DATE: 11/7/97

Caldwell Environmental Assoc., Inc.
P.O. Box 1608
Norman, OK 73070
(405) 329-7167
Fax (405) 329-7277



Picture of
UST removal

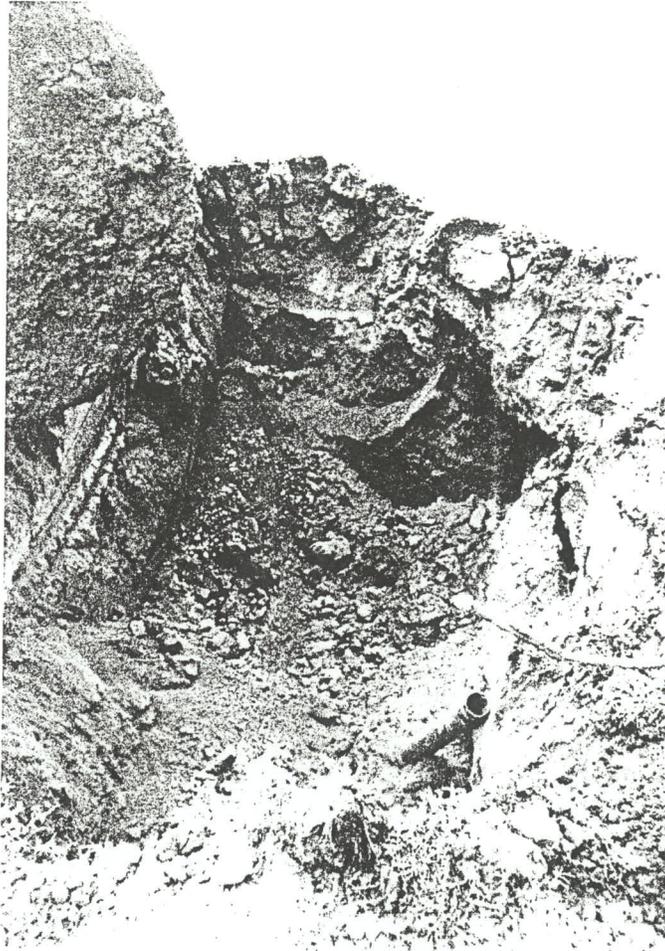


Picture of
UST after
destruction.

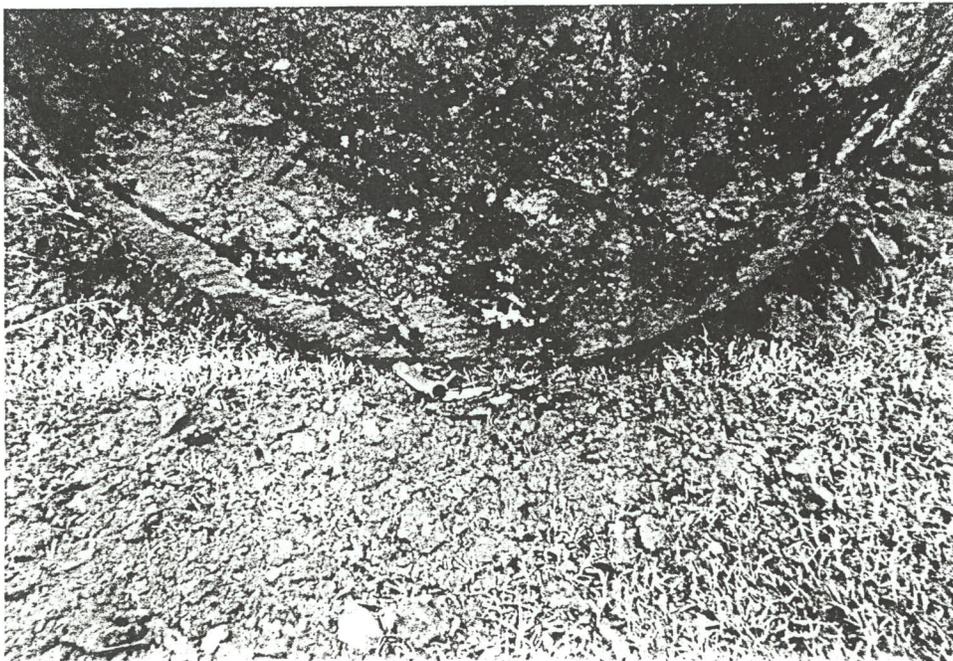


PROJECT: Pauls Valley OMD SHEET: 2 OF 2

SUBJECT: tank closure BY: JA DATE: 11/7/97



Picture of
UST excavation pit



Picture of hole
in UST (approx.
3 inches up and right
of the key chain)

**OKLAHOMA RISK BASED CORRECTIVE ACTION
TIER 1/1A REPORT**

**NATIONAL GUARD ARMORY
PAULS VALLEY, OKLAHOMA**

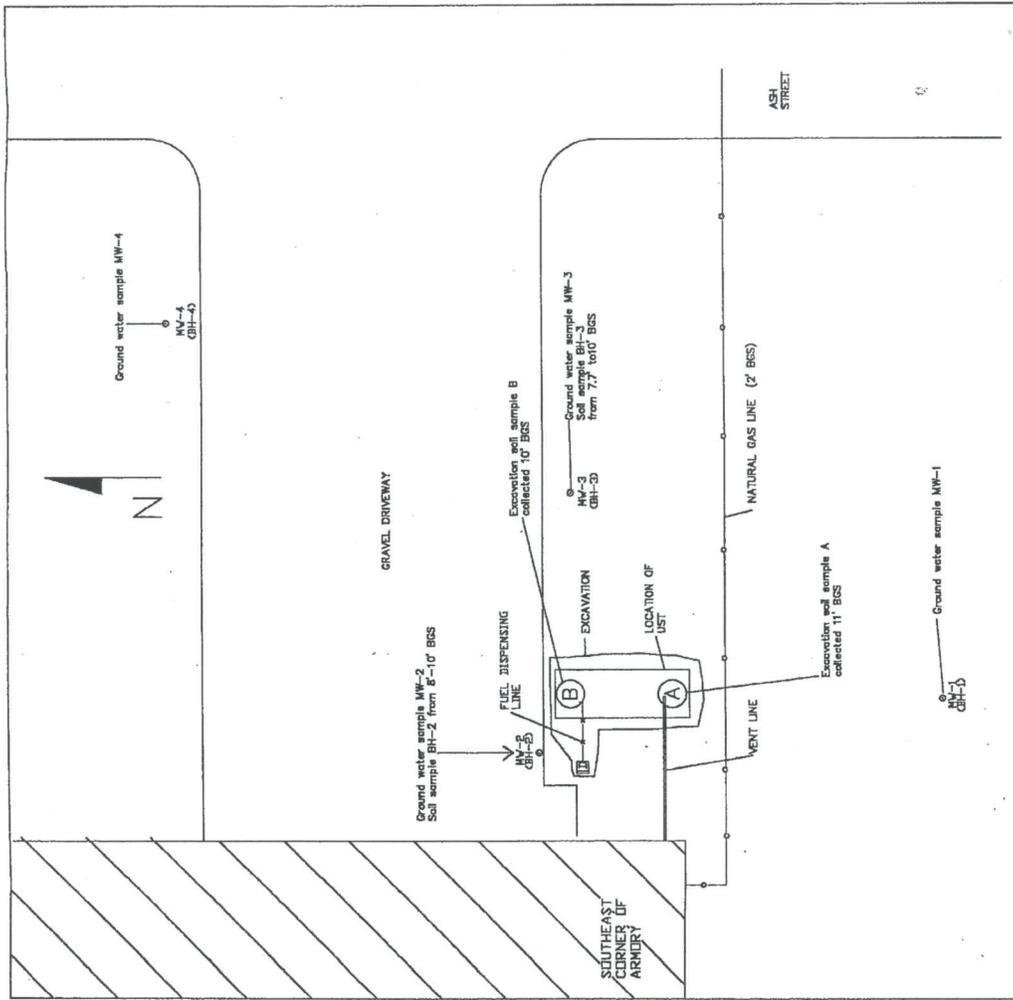
**CASE #064-1975
FACILITY #67-05778**

**PREPARED FOR:
OKLAHOMA MILITARY DEPARTMENT
OKLAHOMA CITY, OKLAHOMA**

PREPARED BY:



**CALDWELL ENVIRONMENTAL ASSOCIATES, INC
NORMAN, OKLAHOMA
DECEMBER, 1997**



LEGEND

- MW-1 MONITOR WELL NO.
◁ BH-1 BOREHOLE NO.
- ▣ FUEL DISPENSER
- ⋮ NATURAL GAS LINE
- || UST VENT LINE
- ✦ UST FUEL DISPENSER LINE
- ▨ BUILDING
- A NATIVE SOIL SAMPLE LOCATION

NO SOIL STOCKPILED AT SITE



DETAILED SITE MAP

Prepared 11/25/97

DOCUMENT: PAULS VALLEY ARMORY
TIER 1/1A EVALUATION

CLIENT: OKLAHOMA MILITARY DEPARTMENT

PREPARED BY: TDA CHECKED BY: DHC

Caldwell Environmental Associates, Inc.

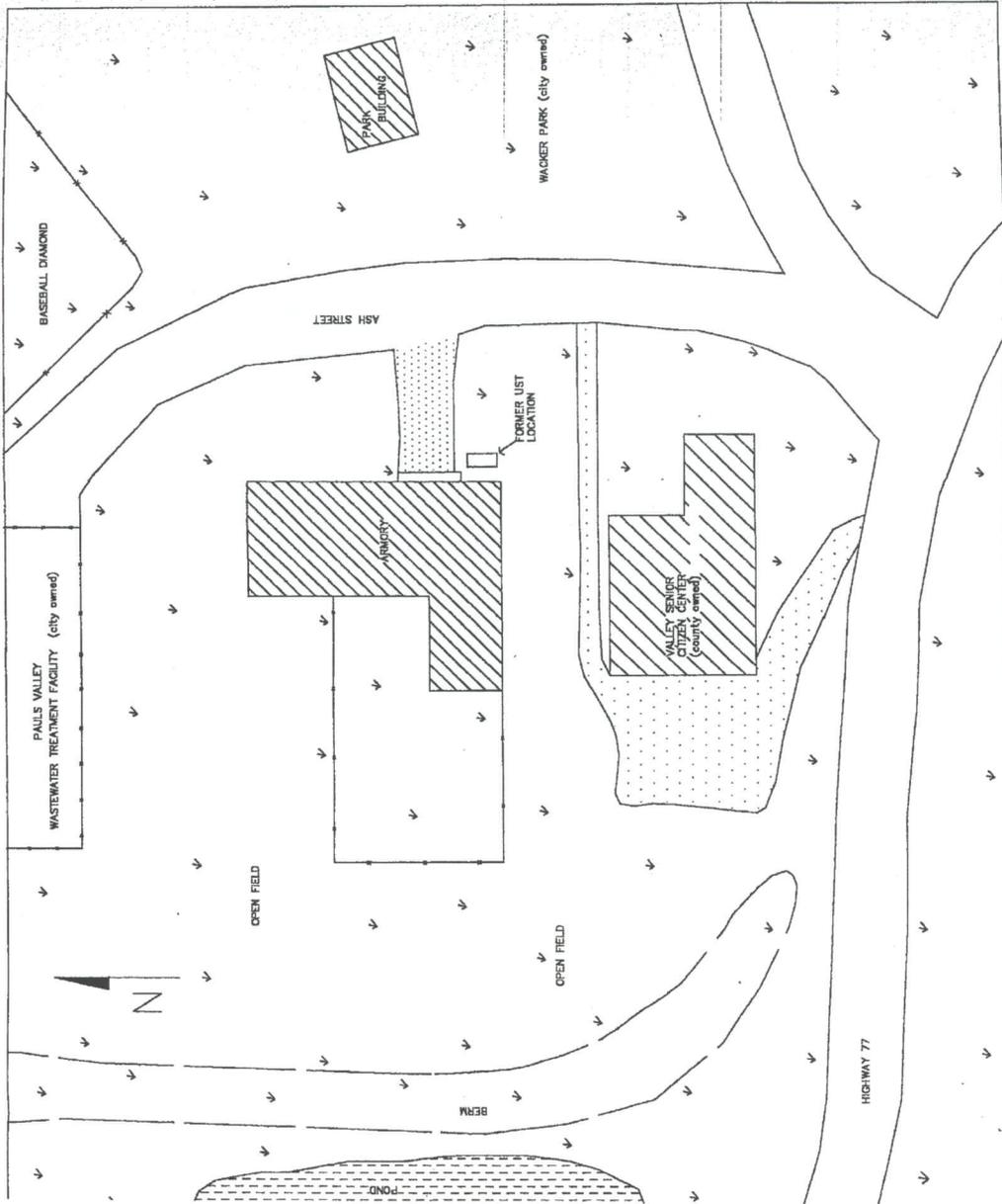
2270 Industrial Blvd.

Tulsa OK 74109

CE

LEGEND

- FENCE
- BUILDING
- POND
- GRASS AREA
- GRAVEL AREA



AREA MAP

PREPARED 12/2/97 FROM SITE VISIT ON 11/16/97

DOCUMENT: PAULS VALLEY ARMORY TIER 1/1A EVALUATION

CLIENT: OKLAHOMA MILITARY DEPARTMENT

PREPARED BY: TDA CHECKED BY: DHC

Caldwell Environmental Associates, Inc.
 2270 Industrial Blvd.
 Norman, OK 73069

CE

MONITOR WELL DATA

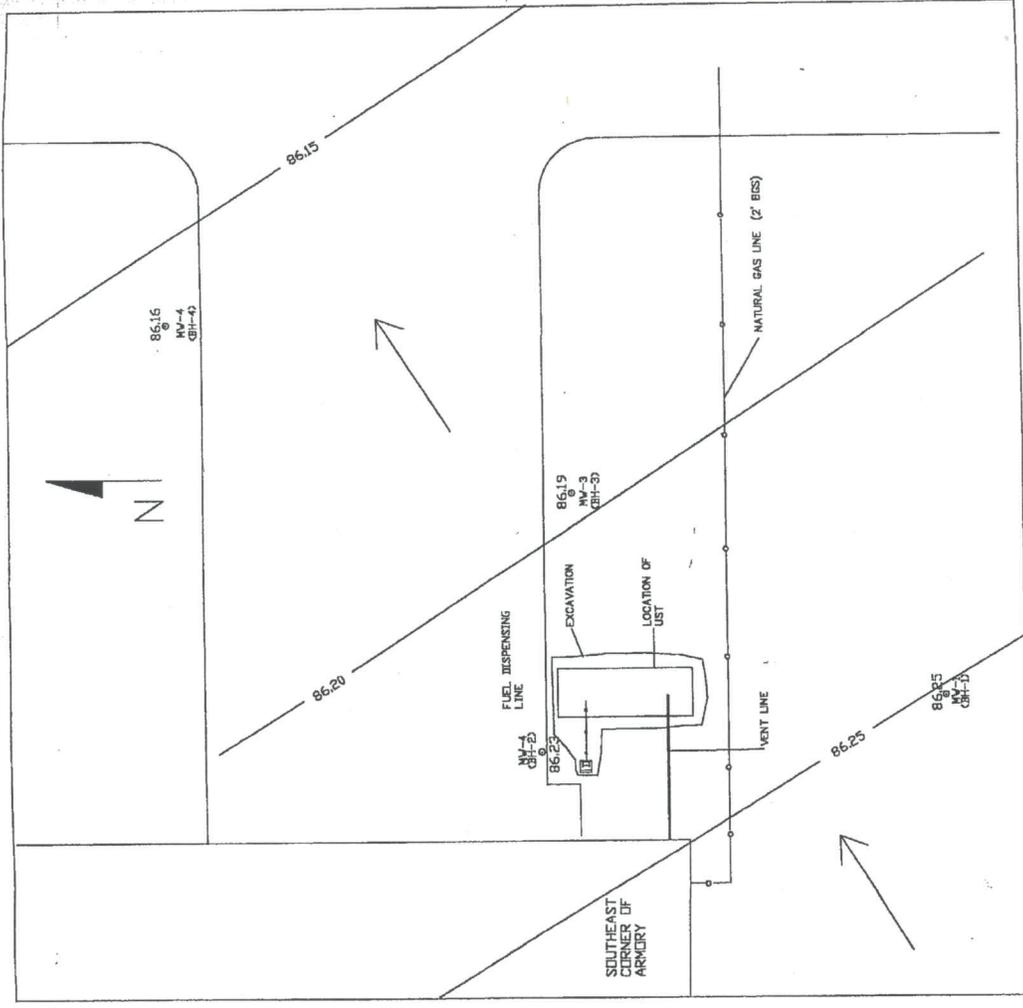
WELL NO.	TOP OF CASING ELEV. (FEET)	GROUND ELEV. (FEET)
MW-1	95.78	95.98
MW-2	96.27	96.47
MW-3	95.59	95.79
MW-4	95.33	95.53

LEGEND

- MW-1 MONITOR WELL NO. (BH-1) BOREHOLE NO. Water elev. measured on 11/6/97
- FUEL DISPENSER
- ⊥ NATURAL GAS LINE
- || UST VENT LINE
- ⊥ UST FUEL DISPENSER LINE
- 86.10 GROUND WATER 86.10 ELEVATION ISOPOTENTIAL CONTOUR IN FEET (contour interval = 0.05 feet)
- ↗ GROUND WATER FLOW DIRECTION



Ground Water Gradient Map	
prepared 11/25/97	
DOCUMENT:	PAULS VALLEY ARMORY TIER 1/1A EVALUATION
CLIENT:	OKLAHOMA MILITARY DEPARTMENT
PREPARED BY:	TDA
CHECKED BY:	DHC
<i>Goldwell Environmental Associates, Inc.</i>	
2270 Industrial Blvd.	
Norman OK 73069	



To: Randy Minyen

Date: 10 June 98

OCC Case #s 064-1975

Facility #25-05778

Facility Description: Pauls Valley Armory, Pauls Valley

Reviewer: Patrick L. Francks

Review of the ORBCA report submitted by: Caldwell Environmental Associates

The only current or future exposure is to construction workers via dermal contact or inhalation of vapors from subsurface soils. The Tier 1/1A analysis showed that there were no exceedances of RBSLs. The case should be closed.

- on ES-1, the site is listed as active. There was only one UST, which was removed in 1997. The site may be active, but it is not an active UST facility.
- average depth to groundwater = 7.0 ft-bgs; shallowest depth to water table = 9.37 ft-bgs?



OKLAHOMA CORPORATION COMMISSION

PETROLEUM STORAGE TANK DIVISION

(405) 521-4683 FAX: (405) 521-4945

JIM THORPE BUILDING, RM 238 • PO BOX 52000-2000 • OKLAHOMA CITY, OK 73152-2000

September 21, 1998

Oklahoma Military Department Contact: **Captain Terrence Smith**
Directorate of Engineering
Environmental Office
3517 Military Circle
Oklahoma City, Oklahoma 73111-4398

Reference: **Facility #2505778**, Tank Removal and Closure Report for **1-1,000 gal** underground storage tank located at the Oklahoma Military Department Armory, 1001 N. Ash, Pauls Valley, Oklahoma.

Dear Sir:

The Oklahoma Corporation Commission is in receipt of your report covering the removal and closure of 1-1,000 gallon UST's at the referenced site on September 24, 1997. **Since there is an active remediation case open for this site, no clean closure can be assigned to this location until case #064-1975 is closed and it is determined that levels are below action levels.** This letter is simply verification that the necessary tank closure documents have been received.

Thank you for your cooperation and assistance to protect the waters of Oklahoma for future generations. If you have any questions, please call (405)-521-6397.

Sincerely,

Handwritten signature of Bryan Morris in cursive script.

Bryan Morris
Environmental Compliance Technician OCC

Cc: Facility File #2505778
Rick Heck
Terry Andrews



OKLAHOMA CORPORATION COMMISSION
PETROLEUM STORAGE TANK DIVISION
(405) 521-4683 FAX: (405) 521-4945

OCT 2 3 1999

JIM THORPE BUILDING, RM 238 • PO BOX 52000-2000 • OKLAHOMA CITY, OK 73152-2000

October 13, 1999

Case ID # 064-1975
Facility ID # 25-05778
ORBCA Approval

CERTIFIED MAIL, RETURN RECEIPT REQUESTED
CERTIFICATE NUMBER Z 710 095 971

Oklahoma Military Department
Environmental Office
Attn: Captain Terrance Smith
3517 Military Circle
Oklahoma City, Oklahoma 73111

RE: Pauls Valley Armory
1001 North Ash
Pauls Valley, Oklahoma

Dear Captain Smith:

We have reviewed the Oklahoma Risk-Based Corrective Action Tier 1/1A Report submitted to us. This Tier 1/1A evaluation is approved. A copy of this letter is being sent to your consultant who will know how to respond.

Based on data submitted we have recalculated or modified the Site-Specific Target Levels for your site. They are:

	On-Site Soil (mg/kg)	On-Site Groundwater(mg/L)
Benzene	N/A	5.58
Toluene	N/A	17.90
Ethylbenzene	N/A	5.44
Xylenes (Mixed)	N/A	100.66
Naphthalene	N/A	N/A

The receptors used to establish RBSL's for this site consists of a current condition construction worker. Based on the COC concentrations and the RBSL's, no additional action other than satisfying closure requirements appears to be necessary.



OKLAHOMA CORPORATION COMMISSION
PETROLEUM STORAGE TANK DIVISION
(405) 521-4683 FAX: (405) 521-4945

OCT 2 1999

JIM THORPE BUILDING, RM 238 • PO BOX 52000-2000 • OKLAHOMA CITY, OK 73152-2000

October 13, 1999

Case ID # 064-1975
Facility ID # 25-05778
Preclosure

CERTIFIED MAIL, RETURN RECEIPT REQUESTED
CERTIFICATE NUMBER Z 710 095 972

Oklahoma Military Department
Environmental Office
Attn: Captain Terrance Smith
3517 Military Circle
Oklahoma City, Oklahoma 73111

RE: Pauls Valley Armory
1001 North Ash

Dear Dear Captain Smith:

Based upon the data submitted, the Chemicals of Concern levels in the soil and groundwater at this site pose no harm to human health, safety or the environment. This case is approved for closure.

A Final Closure Report, which provides evidence of proper decommissioning of equipment and corrective action materials, is due on **December 12, 1999**. After review and approval, a final closure letter will be mailed. A copy of this letter is being sent to your consultant who will know how to respond.

If you have any questions, please discuss them with your consultant or call me at (405) 521-6719 between 8:00 a.m. and 4:30 p.m. Monday through Friday. Please reference the appropriate OCC Facility Number and Case Number on all correspondence.

Sincerely,

Frank Vernon for David Poulsen
Project Environmental Analyst

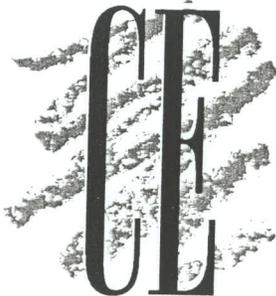
FV:tt

cc: See Back

**FINAL CLOSURE REPORT
OKLAHOMA MILITARY DEPARTMENT
NATIONAL GUARD ARMORY
UNDERGROUND STORAGE TANK SITE
PAULS VALLEY, OKLAHOMA**

**Case I.D. #064-1975
Facility I.D. #67-05778**

**Prepared By:
Caldwell Enviromental Associates, Inc.
Norman, Oklahoma**



October 2000



October 5, 2000

Mr. G. Thomas Current
Project Environmental Analyst
Oklahoma Corporation Commission
Fuel Storage Department
P.O. Box 52000-2000
Oklahoma City, Oklahoma 73152-2000

Re: Case I.D. #064-1975 Facility I.D. #67-05778;
National Guard Armory, Pauls Valley, Oklahoma

Dear Mr. Current:

On behalf of the Oklahoma Military Department, this submittal is intended to comply with Oklahoma Corporation Commission Underground Storage Tank (UST) Rules for the closure of an UST site (OAC 165:25-3-79).

If you have any questions concerning this submittal, please call me at 329-7167.

Sincerely,

David H. Cohenour
Senior Hydrogeologist

cc: Captain Hale, OMD

EXECUTIVE SUMMARY

Caldwell Environmental Associates, Inc. (CEA) has been retained by the Oklahoma Military Department (OMD) to prepare an Underground Storage Tank (UST) Site Final Closure Report for the National Guard Armory at 1001 N. Ash, Pauls Valley, Oklahoma.

A fuel release was discovered when a 1,000-gallon steel Underground Storage Tank (UST) was removed from the Site on 9/24/97. At least one dime size hole was found in the south end of the tank. Laboratory results from soil samples collected approximately five and six feet from under each end of the tank document that a fuel release occurred at this location. The amount of fuel released at the Site is unknown. A confirmed release was reported to the Oklahoma Corporation Commission (OCC) by CEA on October 2, 1997.

An Initial Response, an Initial Abatement Measures and Site Check, an Initial Site Characterization, and Corrective Action Plan was submitted to the OCC on 10/27/97. In October 1997, four soil borings were drilled, four monitor wells were installed, and soil and ground water samples were collected at the Site. An Oklahoma Risk Based Corrective Action (ORBCA) Tier 1/1A report was submitted to the OCC in December 1997.

The ORBCA analysis found that only construction workers, currently and in the foreseeable future, could be exposed to vapors from impacted subsurface soil in the immediate area of the former UST excavation. All other exposure pathways were found to be incomplete. The low concentrations of volatile chemicals found in subsurface soil were determined to not pose unacceptable current or future health risks. The OCC approved the risk assessment for the Site in January, 2000. Since no remediation equipment was installed at the Site, no equipment removal is required to close the Site. The four monitor wells installed at the Site were properly plugged according to Oklahoma Water Resources Board regulations on September 19, 2000.

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Site Map

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**FINAL CLOSURE REPORT
OKLAHOMA MILITARY DEPARTMENT
NATIONAL GUARD ARMORY
PAULS VALLEY, OKLAHOMA**

Case #064-1975 Facility #67-05778

1.0 INTRODUCTION, LOCATION, AND SITE HISTORY

1.1 Introduction

Caldwell Environmental Associates, Inc., has been retained by the Oklahoma Military Department (OMD) to prepare an Underground Storage Tank (UST) Site Final Closure report for the National Guard Armory at 1001 North Ash, Pauls Valley, Oklahoma. This report is intended to comply with Oklahoma Corporation Commission (OCC) regulations OAC 165:25-3-79. Regulatory correspondence for the Site is presented in Appendix A.

1.2 Location and Description

The site is located in the town of Pauls Valley, Garvin County, Oklahoma. Pauls Valley is located approximately 50 miles south of Oklahoma City in southern Oklahoma. An approximate legal location for the site is as follows: SE SE SE NE of Section 7, Township 3 North, Range 1 West. A United States Geological Survey (USGS) topographic map is included showing the location of the site.

1.3 Site History

A fuel release was discovered when a 1,000-gallon steel Underground Storage Tank (UST) was removed from the Site on 9/24/97. The UST has at least one dime size hole in the south end of the tank. A petroleum release was suspected when volatile organic vapors were detected in the soil under the 1,000-gallon UST using a photoionization detector (PID). Laboratory results from soil samples collected approximately four to five feet below each end of the UST document that a fuel release occurred at this location.

The amount of fuel released at the Site is unknown. A confirmed release was reported to the Oklahoma Corporation Commission (OCC) by CEA on October 3, 1997.

Subsequently, an Initial Response (OAC 165:25-3-72), an Initial Abatement Measures and Site Check (OAC 165:25-3-73), an Initial Site Characterization and Corrective Action Plan (OAC 165:25-3-73.1), and an Oklahoma Risk Based Corrective Action Tier 1/1A investigation were completed and submitted to the OCC.

2.0 SUMMARY OF ANALYTICAL RESULTS

Tables 1 and 2, respectively, summarize the soil sample and ground water sample analytical results for the Site. A site map is included showing the locations of monitor wells at the Site. The ground water analytical results were reported below laboratory detection limits. The ORBCA analysis found that only construction workers could be exposed to indoor vapors from impacted subsurface soil in the immediate area of the former UST. All other exposure pathways were found to be incomplete. The low concentrations of volatile chemicals found in the subsurface soils did not pose an unacceptable current or future health risk.

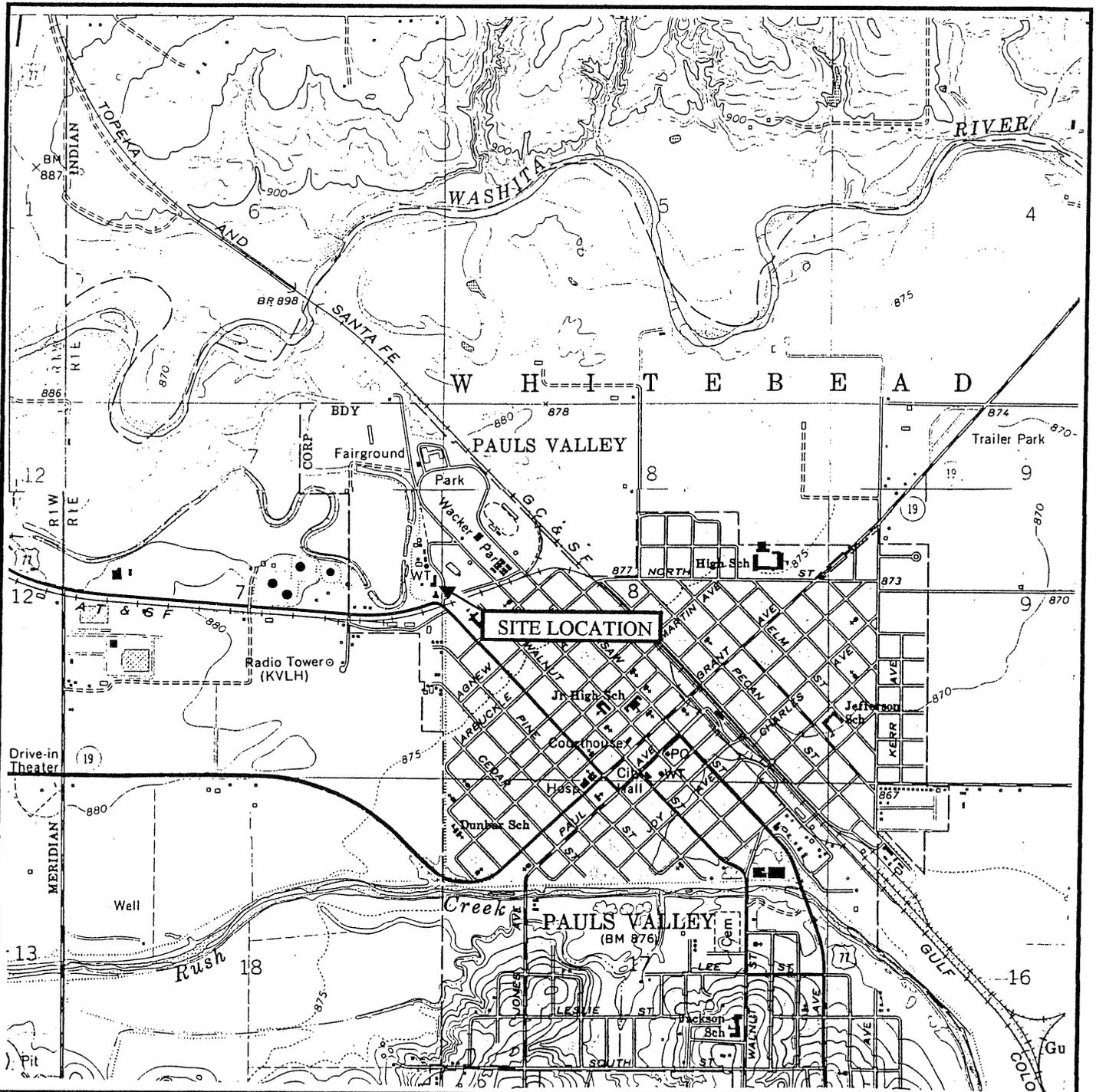
3.0 SITE CLOSURE PROCEDURES

Since no remediation equipment was installed at the site, the removal of equipment is not required to close the site. All existing monitor wells were properly plugged on September 19, 2000, according to Oklahoma Water Resources Board (OWRB) regulations. Copies of OWRB monitor well plugging reports are provided in Appendix B.

Tables

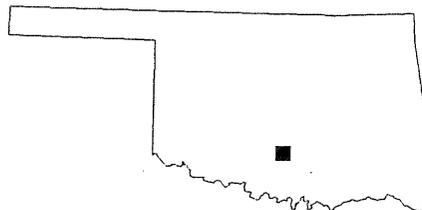
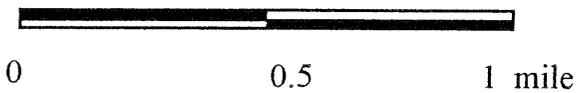
Figures





OKLAHOMA

SCALE



MONITOR WELL DATA

WELL NO.	TOP OF CASING ELEV. (FEET)	GROUND ELI (FEET)
MW-1	95.78	95.98
MW-2	96.27	96.47
MW-3	95.59	95.79
MW-4	95.33	95.53

LEGEND

- MW-1 MONITOR WELL NO.
(BH-1) BOREHOLE NO.
86.20 Water elev. measured on 11/6/97
- ▣ FUEL DISPENSER
- ⊖ NATURAL GAS LINE
- || UST VENT LINE
- * UST FUEL DISPENSER LINE
- ↘ 86.10 GROUND WATER 86.10 ELEVATIO
ISOPOTENTIAL CONTOUR IN FEE
(contour interval = 0.05 feet)
- ↘ GROUND WATER FLOW
DIRECTION



Ground Water Gradient Map

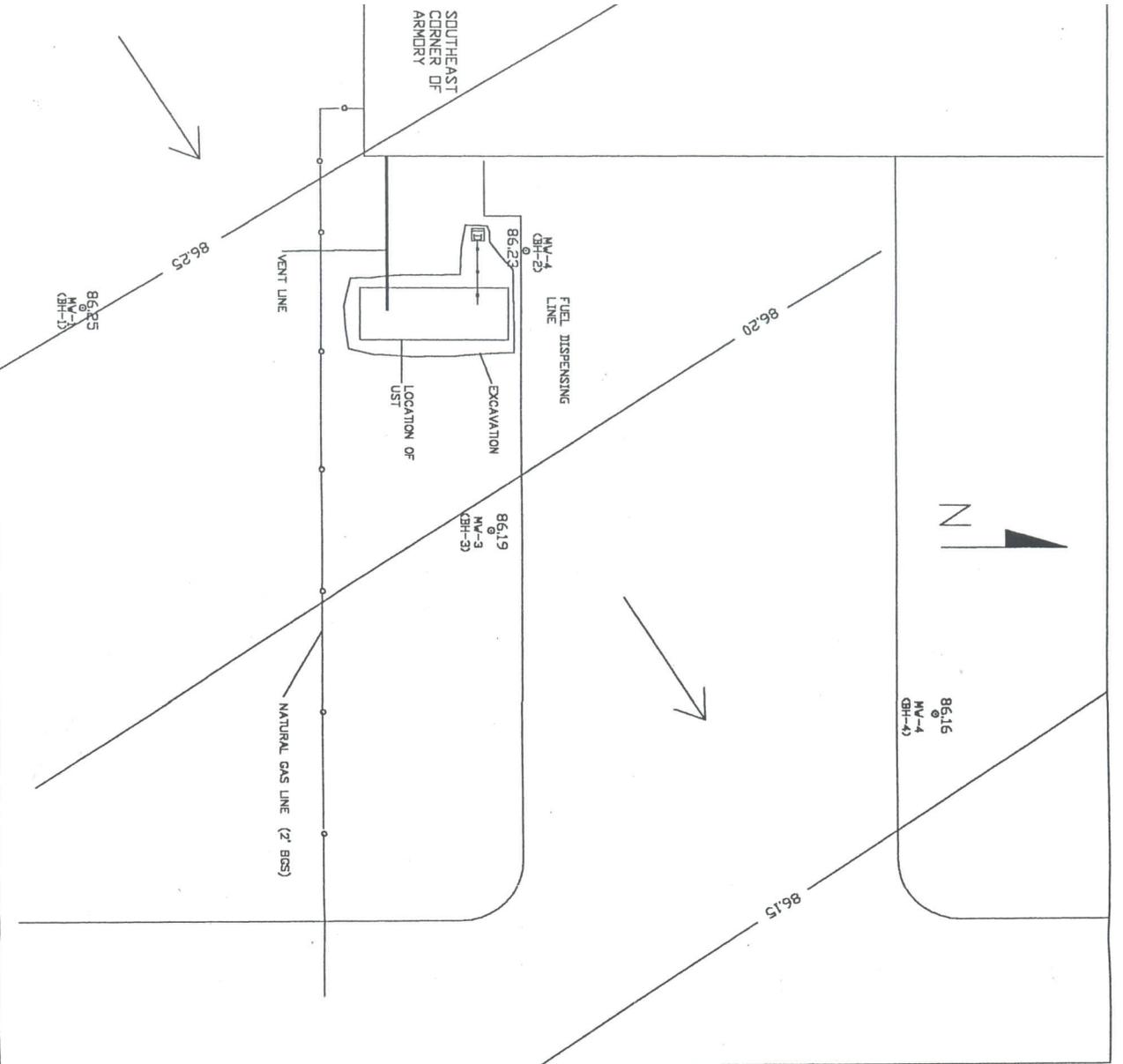
prepared 11/25/97

DOCUMENT: PAULS VALLEY ARMORY
TIER 1/1A EVALUATION

CLIENT: OKLAHOMA MILITARY DEPARTMENT

PREPARED BY: TDA CHECKED BY: DHC

Gouldwell Environmental Associates, Inc.
2270 Industrial Blvd.
Norman, OK 73069



APPENDICES

APPENDIX A: [Faint, illegible text]

APPENDIX A
REGULATORY CORRESPONDENCE

OKLAHOMA

CORPORATION COMMISSION

JIM THORPE BUILDING (405) 521-6575

Richard E. Oppel, Manager
Fuel Storage Department

OCC FUEL DIVISION, ROOM 247 • P.O. BOX 52000-2000 • OKLAHOMA CITY, OKLAHOMA 73152-2000

October 6, 1997

Case I.D. #064-1975
Facility #25-05778

CERTIFIED MAIL, RETURN RECEIPT REQUESTED
CERTIFICATE NUMBER Z 279 256 884

"NOTICE OF CONFIRMED RELEASE
FROM AN UNDERGROUND STORAGE TANK SYSTEM"

NOTICE: YOU HAVE UNTIL OCTOBER 27, 1997 TO SUBMIT AN INITIAL RESPONSE AND INITIAL ABATEMENT REPORT REQUIRED BY RULES OAC 165:25-3-72 AND OAC 165:25-3-73 AND AN INITIAL SITE CHARACTERIZATION REPORT AND CORRECTIVE ACTION PLAN REQUIRED BY RULE OAC 165:25-3-73.1

NOTICE: YOU HAVE UNTIL DECEMBER 8, 1997 TO SUBMIT AN OKLAHOMA RISK BASED CORRECTIVE ACTION (ORBCA) TIER 1/1A REPORT REQUIRED BY RULES OAC 165:25-3-74 AND OAC 165:25-3-74.1, IF NECESSARY A FREE PRODUCT REMOVAL REPORT REQUIRED BY OAC 165:25-3-75, AND IF CLOSURE IS RECOMMENDED, NOTICE OF PUBLIC PARTICIPATION IS REQUIRED BY RULE OAC 165:25-3-78.

Oklahoma Military Department
Environmental Office
Attn: Captain Terrance Smith
3517 Military Circle
Oklahoma City, OK 73111

RE: Confirmed release of product from Underground Storage Tank System located at:

Pauls Valley Armory
1001 N. Ash
Pauls Valley, OK

Dear Captain Smith:

This is to inform you that the Oklahoma Corporation Commission (OCC) has received a report concerning a confirmed release of regulated substance from the above referenced underground storage tank (UST) system(s) for which you may be legally responsible as an owner and or operator of the USTs. Please notify our office if you have evidence that you are not the owner or operator. The OCC rules require the owner or operator of the UST system to take immediate steps to abate any contamination or potential contamination resulting from such a release. If you do not respond promptly and appropriately, State response may be initiated and you will be held responsible for all costs incurred by the State. Effective October 1, 1997, all new UST releases and suspicion of releases are requested to report latitude and longitude of the location.

The OCC is responsible for ensuring that the environment, the State's waters and public health are protected from Underground Storage Tank system releases of regulated substances. If you do not already have a copy, the UST Rules and Regulations and Oklahoma Risk-Based Corrective Action (ORBCA) Guidance Document can be purchased from this office at a cost of \$10.00 each. The OAC 165:25-3-74 and 3-74.1 ORBCA Report is required to be submitted in a format utilizing worksheets as described in the ORBCA Guidance Document (Appendix G). All sampling, investigation, remediation, or any other activity must be supervised by a certified UST consultant. It is also required that any consultant submitting an ORBCA report or any other evaluations of risk must have completed ORBCA-certified training. Failure to have a certified UST consultant supervising activities or to submit required reports may result in enforcement action seeking fines and rejection of all submitted reports.

In the event you fail to comply with these requirements, you may be subject to enforcement action and/or fines.

The Oklahoma Petroleum Storage Tank Release Indemnity Fund Program identifies reimbursement allowed by OAC 165:27. Approvals made by the UST/AST Regulatory Program does not constitute approvals for reimbursement from the Indemnity Fund Program. For reimbursement guidance, please contact the Indemnity Fund Program at 405/521-4683.

If you have any questions, contact the Fuel Storage Department at (405) 521-6721, between 8:00 a.m. and 4:30 p.m. Monday through Friday. Please reference the appropriate OCC Facility Number and Case Number on all correspondence.

Sincerely,



G. Thomas Current
Senior Environmental Specialist

GTC:rfp

cc: Caldwell Environmental
Attn: Terry Andrews
P.O. Box 1608
Norman, OK 73070

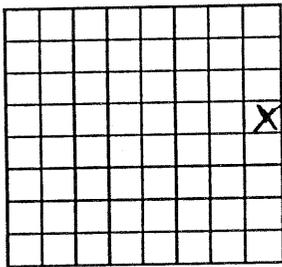
(064-1975)



Ten Acres

MULTI-PURPOSE COMPLETION REPORT MONITORING WELLS

Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800



One Mile
Please Plot Well Location

Do Not Write In This Space

Well Log ID Number _____

LEGAL DESCRIPTION

Do Not Write In This Space

____ 1/4 ____ 1/4 ____ 1/4

of Sec. 7 Township 3 N S Range 1 WIM
 EIM
 ECM

Optional Information

Latitude _____ Longitude _____

Number of wells in 10 acre tract 4 Well No. (if applicable) MW-1
County GARVIN Variance Request No. (if applicable) _____
Well Owner OKLAHOMA MILITARY DEPARTMENT Phone (405) 228-5699
Address/City/State 3515 MILITARY CIRCLE Zip 73111-4398
Finding Location NATIONAL GUARD ARMORY PAULS VALLEY, OK
1001 N. ASH, PAULS VALLEY, OK

TYPE OF WORK

- Geotechnical Boring
 Monitoring Well
 Plugging

USE OF WELL

- Site Assessment Observation
 Unsaturated Zone Monitoring
 Air Sparge
 Vapor Extraction
 Water Quality
 Recovery
 Other _____

NEW BORING OR WELL CONSTRUCTION DATA

An application for a variance must be requested and obtained before any changes are made to the minimum construction standards for any well.

Date Started _____ Date Completed _____

Hole Diameter _____ inches From _____ feet to _____ feet

Hole Diameter _____ inches From _____ feet to _____ feet

CASING RECORD:

Surface Pipe (Casing) Diameter _____ inches From _____ feet to _____ feet

Well Casing Diameter _____ inches From _____ feet to _____ feet

Well Casing Diameter _____ inches From _____ feet to _____ feet

SCREEN OR PERFORATION RECORD:

Type and Slot Size _____ From _____ feet to _____ feet

Type and Slot Size _____ From _____ feet to _____ feet

FILTER PACK:

Type and Size _____ From _____ feet to _____ feet

Type and Size _____ From _____ feet to _____ feet

SEAL:

Type of Surface Seal _____ From _____ feet to _____ feet
 Type of Annular Seal _____ From _____ feet to _____ feet
 Type of Filter Pack Seal _____ From _____ feet to _____ feet

TYPE OF COMPLETION: Above Ground Flush Mounted Pitless Adapter

PLUGGING DATA

Non-Contaminated Contaminated Date Plugged 9/19/2000
 Backfilled From 0 feet to 4 feet with CLEAN FILL
 Grouted From _____ feet to _____ feet with _____
 Cement Grouted From 4 feet to 14 feet Tremied? Yes No

LITHOLOGY DESCRIPTION

MATERIAL (indicate with a / if a zone is saturated)	ENCOUNTERED		MATERIAL (indicate with a / if a zone is saturated)	ENCOUNTERED	
	FROM (Feet)	TO (Feet)		FROM (Feet)	TO (Feet)

HYDROLOGIC DATA

Static water level encountered _____ feet below land surface. Approximate Yield _____ GPM
 Water level of _____ feet below land surface after _____ hours pumping.

CERTIFICATION

The work described above was done under my supervision. This report is correct to the best of my knowledge.

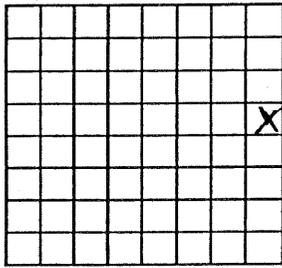
Firm Name CALDWELL ENVIRONMENTAL D/PC No. 0471
 Operator Name DAVID H. COITENOUR OP No. 0985
 Address P.O. BOX 1608, NORMAN, OK 73065 Phone (405) 329-7167
 Signature David H. Coitenour Date 10/5/2000



Ten Acres

MULTI-PURPOSE COMPLETION REPORT MONITORING WELLS

Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800



One Mile
Please Plot Well Location

Do Not Write In This Space

Well Log ID Number _____

LEGAL DESCRIPTION

Do Not Write In This Space

_____ 1/4 _____ 1/4 _____ 1/4

of Sec. 7 Township 3 N S Range 1 WIM
 EIM
 ECM

Optional Information

Latitude _____ Longitude _____

Number of wells in 10 acre tract 4 Well No. (if applicable) MW-2
County GARVIN Variance Request No. (if applicable) _____
Well Owner OKLAHOMA MILITARY DEPARTMENT Phone (405) 228-5699
Address/City/State 3515 MILITARY CIRCLE Zip 73111-4398
Finding Location NATIONAL GUARD ARMORY PAULS VALLEY, OK
1001 N. ASH, PAULS VALLEY, OK

TYPE OF WORK

- Geotechnical Boring
- Monitoring Well
- Plugging

USE OF WELL

- Site Assessment Observation
- Unsaturated Zone Monitoring
- Air Sparge

- Vapor Extraction
- Water Quality
- Recovery

Other _____

NEW BORING OR WELL CONSTRUCTION DATA

An application for a variance must be requested and obtained before any changes are made to the minimum construction standards for any well.

Date Started _____ Date Completed _____

Hole Diameter _____ inches From _____ feet to _____ feet

Hole Diameter _____ inches From _____ feet to _____ feet

CASING RECORD:

Surface Pipe (Casing) Diameter _____ inches From _____ feet to _____ feet

Well Casing Diameter _____ inches From _____ feet to _____ feet

Well Casing Diameter _____ inches From _____ feet to _____ feet

SCREEN OR PERFORATION RECORD:

Type and Slot Size _____ From _____ feet to _____ feet

Type and Slot Size _____ From _____ feet to _____ feet

FILTER PACK:

Type and Size _____ From _____ feet to _____ feet

Type and Size _____ From _____ feet to _____ feet

SEAL:

Type of Surface Seal _____ From _____ feet to _____ feet
 Type of Annular Seal _____ From _____ feet to _____ feet
 Type of Filter Pack Seal _____ From _____ feet to _____ feet

TYPE OF COMPLETION: Above Ground Flush Mounted Pitless Adapter

PLUGGING DATA

Non-Contaminated Contaminated Date Plugged 9/19/2000
 Backfilled From 0 feet to 4 feet with CLEAN FILL
 Grouted From _____ feet to _____ feet with _____
 Cement Grouted From 4 feet to 14 feet Tremied? Yes No

LITHOLOGY DESCRIPTION

MATERIAL (indicate with a / if a zone is saturated)	ENCOUNTERED		MATERIAL (indicate with a / if a zone is saturated)	ENCOUNTERED	
	FROM (Feet)	TO (Feet)		FROM (Feet)	TO (Feet)

HYDROLOGIC DATA

Static water level encountered _____ feet below land surface. Approximate Yield _____ GPM
 Water level of _____ feet below land surface after _____ hours pumping.

CERTIFICATION

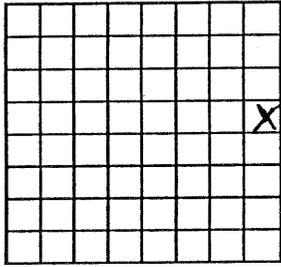
The work described above was done under my supervision. This report is correct to the best of my knowledge.
 Firm Name CALDWELL ENVIRONMENTAL D/PC No. 0471
 Operator Name DAVID H. COITENOUR OP No. 0985
 Address P.O. BOX 1608, NORMAN, OK 73065 Phone (405) 329-7167
 Signature David H. Coiténour Date 10/5/2000



Ten Acres

MULTI-PURPOSE COMPLETION REPORT MONITORING WELLS

Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800



One Mile
Please Plot Well Location

Do Not Write In This Space
Well Log ID Number _____

LEGAL DESCRIPTION

Do Not Write In This Space
_____ 1/4 _____ 1/4 _____ 1/4

of Sec. 7 Township 3 N S Range 1 WIM
 EIM
 ECM

Optional Information
Latitude _____ Longitude _____

Number of wells in 10 acre tract 4 Well No. (if applicable) MW-3
County GARVIN Variance Request No. (if applicable) _____
Well Owner OKLAHOMA MILITARY DEPARTMENT Phone (405) 228-5699
Address/City/State 3515 MILITARY CIRCLE Zip 73111-4398
Finding Location NATIONAL GUARD ARMOY PAULS VALLEY, OK
1001 N. ASH, PAULS VALLEY, OK

- TYPE OF WORK**
 Geotechnical Boring
 Monitoring Well
 Plugging

- USE OF WELL**
 Site Assessment Observation
 Unsaturated Zone Monitoring
 Air Sparge

- Vapor Extraction
 Water Quality
 Recovery
 Other _____

NEW BORING OR WELL CONSTRUCTION DATA

An application for a variance must be requested and obtained before any changes are made to the minimum construction standards for any well.

Date Started _____ Date Completed _____
Hole Diameter _____ inches From _____ feet to _____ feet
Hole Diameter _____ inches From _____ feet to _____ feet

CASING RECORD:

Surface Pipe (Casing) Diameter _____ inches From _____ feet to _____ feet
Well Casing Diameter _____ inches From _____ feet to _____ feet
Well Casing Diameter _____ inches From _____ feet to _____ feet

SCREEN OR PERFORATION RECORD:

Type and Slot Size _____ From _____ feet to _____ feet
Type and Slot Size _____ From _____ feet to _____ feet

FILTER PACK:

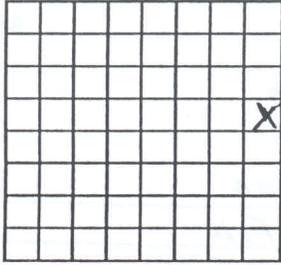
Type and Size _____ From _____ feet to _____ feet
Type and Size _____ From _____ feet to _____ feet



Ten Acres

MULTI-PURPOSE COMPLETION REPORT MONITORING WELLS

Oklahoma Water Resources Board
3800 North Classen Boulevard
Oklahoma City, OK 73118
Telephone (405) 530-8800



One Mile
Please Plot Well Location

Do Not Write In This Space

Well Log ID Number _____

LEGAL DESCRIPTION

Do Not Write In This Space

_____ ¼ _____ ¼ _____ ¼

of Sec. 7 Township 3 N S Range 1 WIM
 EIM
 ECM

Optional Information

Latitude _____ Longitude _____

Number of wells in 10 acre tract 4 Well No. (if applicable) MW-
County GARVIN Variance Request No. (if applicable) _____
Well Owner OKLAHOMA MILITARY DEPARTMENT Phone (405) 228-5699
Address/City/State 3515 MILITARY CIRCLE Zip 73111-4398
Finding Location NATIONAL GUARD ARMORY PAULS VALLEY, OK
1001 N. ASH, PAULS VALLEY, OK

TYPE OF WORK

- Geotechnical Boring
 Monitoring Well
 Plugging

USE OF WELL

- Site Assessment Observation
 Unsaturated Zone Monitoring
 Air Sparge
 Vapor Extraction
 Water Quality
 Recovery

Other _____

NEW BORING OR WELL CONSTRUCTION DATA

An application for a variance must be requested and obtained before any changes are made to the minimum construction standards for any well.

Date Started _____ Date Completed _____

Hole Diameter _____ inches From _____ feet to _____ feet

Hole Diameter _____ inches From _____ feet to _____ feet

CASING RECORD:

Surface Pipe (Casing) Diameter _____ inches From _____ feet to _____ feet

Well Casing Diameter _____ inches From _____ feet to _____ feet

Well Casing Diameter _____ inches From _____ feet to _____ feet

SCREEN OR PERFORATION RECORD:

Type and Slot Size _____ From _____ feet to _____ feet

Type and Slot Size _____ From _____ feet to _____ feet

FILTER PACK:

Type and Size _____ From _____ feet to _____ feet

Type and Size _____ From _____ feet to _____ feet

SEAL:
 Type of Surface Seal _____ From _____ feet to _____ feet
 Type of Annular Seal _____ From _____ feet to _____ feet
 Type of Filter Pack Seal _____ From _____ feet to _____ feet

TYPE OF COMPLETION: Above Ground Flush Mounted Pitless Adapter

PLUGGING DATA
 Non-Contaminated Contaminated Date Plugged 9/19/2000
 Backfilled From 0 feet to 4 feet with CLEAN FILL
 Grouted From _____ feet to _____ feet with _____
 Cement Grouted From 4 feet to 14 feet Tremied? Yes No

LITHOLOGY DESCRIPTION

MATERIAL (indicate with a / if a zone is saturated)	ENCOUNTERED		MATERIAL (indicate with a / if a zone is saturated)	ENCOUNTERED	
	FROM (Feet)	TO (Feet)		FROM (Feet)	TO (Feet)

HYDROLOGIC DATA
 Static water level encountered _____ feet below land surface. Approximate Yield _____ GPM
 Water level of _____ feet below land surface after _____ hours pumping.

CERTIFICATION

The work described above was done under my supervision. This report is correct to the best of my knowledge.
 Firm Name CALDWELL ENVIRONMENTAL D/PC No. 0471
 Operator Name DAVID H. COHENOUR OP No. 0985
 Address P.O. BOX 1608, NORMAN, OK 73065 Phone (405) 329-7167
 Signature David H. Cohenour Date 10/5/2000

BOB ANTHONY
Commissioner

ED APPLE
Commissioner

DENISE A. BODE
Commissioner



OKLAHOMA CORPORATION COMMISSION
PETROLEUM STORAGE TANK DIVISION
(405) 521-4683 FAX: (405) 521-4945

OCT 26 2000

JIM THORPE BUILDING, RM 238 • PO BOX 52000-2000 • OKLAHOMA CITY, OK 73152-2000

October 20, 2000

Case ID #064-1975
Facility ID #25-05778
Final Closure

CERTIFIED MAIL, RETURN RECEIPT REQUESTED
CERTIFICATE NUMBER 7000 0520 0023 5164 8809

Oklahoma Military Department
Attn: Captain Hale
3517 Military Circle
Oklahoma City, Oklahoma 73111

RE: Pauls Valley Armory
1001 N. Ash
Pauls Valley, Oklahoma

Dear Captain Hale:

Based on the review of the Oklahoma Risk-Based Corrective Action Report, this case is closed. If in the future, levels of Chemicals of Concern are discovered that exceed those determined appropriate for this site, the case will be reopened. A copy of this letter is being sent to your UST Consultant.

If you have any questions, please discuss them with your Consultant, or call me at (405) 522-4758 between 8:00 a.m. and 4:30 p.m., Monday through Friday. Please reference the appropriate OCC Facility Number and Case Number on all correspondence.

Sincerely,

A handwritten signature in cursive script that reads "Joe Thacker".

Joe Thacker
Project Environmental Analyst

JT:gs

cc: Caldwell Environmental Associates, Inc.
Attn: Mr. David Cohenour
P.O. Box 1608
Norman, Oklahoma 73070-1608

OKLAHOMA OUTPOST 100231

250 0697

E-Z SERVE
MANAGEMENT COMPANY

July 11, 1994

CERTIFIED MAIL - RETURN RECEIPT # P 207 756 359

RECEIVED
LUST TRUST FUND
JUL 14 1994
OKLAHOMA CORPORATION
COMMISSION

Mr. Bruce Jones
Oklahoma Corporation Commission
UST Department
P.O. Box 52000-2000
Oklahoma City, Oklahoma 73152-2000

RE: Tank Removal Operation
Former E-Z Serve #100231
Hwy. 19
Pauls Valley, Oklahoma
Facility # 2500697

Dear Mr. Jones:

Tanks were removed at the subject facility on June 21, 1994. During the removal operations, soil samples were collected and forwarded to a laboratory for analysis. A report for this work is attached for your review.

Based on the recent sampling results, the above referenced locations qualify for no further action. A letter from the Department confirming no further action would be appreciated. Unless specifically advised by the State of Oklahoma, E-Z Serve will assume that the attached information is sufficient and the case is closed.

If you have any questions, please contact me at (713)684-4362.

Sincerely,



J. J. Shiflet, PC 052622
Environmental & Construction Supervisor

JJS/as

Attachments

CC: Brian Cobb

js-42.231

2550 NORTH LOOP WEST, SUITE 600 • HOUSTON, TEXAS 77092
P.O. BOX 922021 • HOUSTON, TEXAS 77292-2021
(713) 684-4300

BOB ANTHONY
Commissioner

CODY L. GRAVES
Commissioner

J. C. WATTS, JR
Commissioner

OKLAHOMA

CORPORATION COMMISSION

P.O. BOX 52000-2000 (405) 521-3107

E. R. Smith

Director, Fuel Div

OKLAHOMA CITY OK 73152-2000

July 20, 1994

Jim Shiflet
PO Box 922021
Houston, TX 77292-2021

RE: Tank Removal, 2500697

Dear Mr. Shiflet:

The subject facility is hereby considered closed within the standards prescribed by the Oklahoma Corporation Commission per the submitted reports. A review of the soil testing report dated July 14, 1994, indicates the facility does not exceed the action levels established by the OCC. Please be advised however, that any future contamination found may require remediation.

Thank you for your cooperation and assistance to protect the waters of Oklahoma for future generations. If you have any questions, please call (405) 521-3107.

Sincerely,



Bruce E. Jones P.E.
Environmental Engineer



DETSCO, Incorporated

P.O. BOX 10099—HOUSTON, TEXAS 77206-0099—(713) 697-0190—FAX (713) 697-8926

RECEIVED
LUST TRUST FUND
JUL 11 1994
OKLAHOMA CORPORATION COMMISSION

July 7, 1994

E-Z Serve Management Co.
P.O. Box 922021
Houston, Texas 77292-2021
Attn: Mr. Jim Shiflet

RE: UST Removal/Abandonment
E-Z Serve Facility #100231
Facility ID #2500697
Hwy. 19
Pauls Valley, Oklahoma

Dear Mr. Shiflet:

The proposed scope of services relating to the underground storage tank (UST) system removal for the E-Z Serve location referenced above has been performed. The following information is a summary of services provided.

On 06/21/94, DETSCO, Inc. removed one 10,000 gallon, one 8,000 gallon, one 6,000 gallon USTs and all associated piping from the above referenced location. These USTs were registered with the Oklahoma Corporation Commission. This system consisted of steel tanks with the product and vent piping also being of steel construction. After the USTs were removed from the ground they were labeled (with the name of the former contents, a flammability warning, and a warning that the tanks were unsuitable for the storage of food or liquid intended for human or animal consumption) and transported off site. See the attached Bill of Sale.

Following removal of the USTs, DETSCO, Inc. collected soil samples in the areas of the removed USTs. A total of four soil samples were collected on 06/21/94. The sampling was performed under the supervision of Loren Alcorn, UST Consultant #0083. The samples were collected in glass jars until the containers were completely occupied by collected material. Full sample jars were maintained so as to reduce available "head space" within the jar and the potential release of volatiles, if any, prior to the analysis of the sample. The samples were labeled and stored on ice, and then delivered with the Chain of Custody to SPL Environmental Laboratory for analyses.

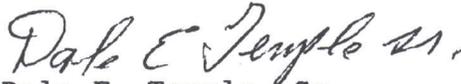
July 7, 1994
E-Z Serve Management Co.
Attn: Mr. Jim Shiflet

Page 2

Following collection of the soil samples, DETSCO, Inc. backfilled the tank excavation with on-site soil generated from the tank excavation and with import soil.

The samples were analyzed by SPL Environmental Laboratory in Houston, Texas for the following parameters: TPH (EPA Method 418.1) and BTEX (EPA Method 8020).

Sincerely,

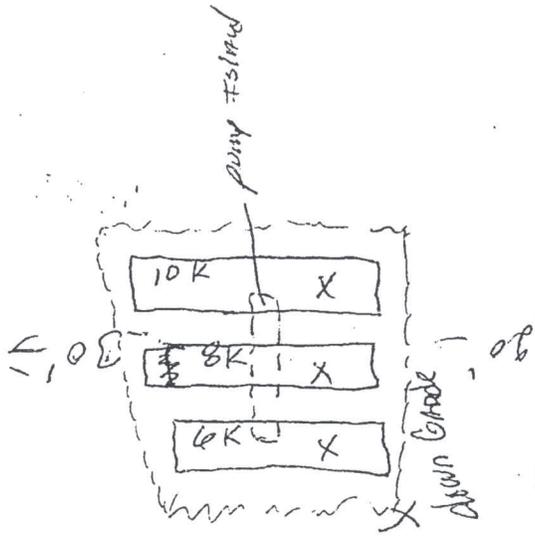
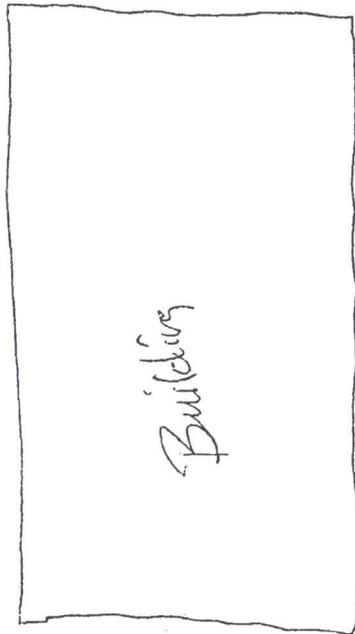


Dale E. Temple, Sr.
Chief Executive Officer

Attachments: Figure 1 Site Map
Exhibit A Laboratory Certificate of Analysis
ID #9406993-01 thru #9406933-04
Exhibit C Photographs
Exhibit D Chain of Custody Authorization
Exhibit E Site Assessment Summary
Exhibit F Bill of Sale
Exhibit G Form 7530-1

SITE MAP

Include entire UST system (tanks, piping runs, dispensers and observation wells), all buildings and roadways, subsurface utilities and surface drainages; include north arrow; include all applicable measurements.



July 19

X = Sample Locations



SPL, INC.

REPORT APPROVAL SHEET

WORK ORDER NUMBER: 94-06-933

Approved for release by:

M. Scott Sample Date: 6/30/94
M. Scott Sample, Laboratory Director

Barbara Martinez Date: 6/29/94
Barbara Martinez, Project Manager



Certificate of Analysis No. 9406933-02

E-Z Serve, Inc.
2550 North Loop West, Ste 600
Houston, TX 77292
ATTN: Brian Cobb

DATE: 06/29/94

PROJECT: EZ Serve #100231
SITE: Hwy 19 Pauls Valley, OK
SAMPLED BY: Detsco
SAMPLE ID: #2 Under 8K

PROJECT NO:
MATRIX: SOIL
DATE SAMPLED: 06/21/94 15:44:00
DATE RECEIVED: 06/23/94

ANALYTICAL DATA

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
BENZENE	ND	0.0010 P	mg/Kg
TOLUENE	ND	0.0010 P	mg/Kg
ETHYLBENZENE	ND	0.0010 P	mg/Kg
TOTAL XYLENE	ND	0.0010 P	mg/Kg
TOTAL BTEX	ND		mg/Kg

Surrogate	% Recovery
1,4-Difluorobenzene	91
4-Bromofluorobenzene	87

METHOD 5030/8020 ***
Analyzed by: KA
Date: 06/28/94

Petroleum Extractables	17	10	mg/Kg
METHOD Mod. 418.1*			
Analyzed by: SV			
Date: 06/24/94			

ND - Not detected.

(P) - Practical Quantitation Limit

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 17th ed.
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

Barbara Martiney
SPL, Inc., - Project Manager



Certificate of Analysis No. 9406933-03

E-Z Serve, Inc.
2550 North Loop West, Ste 600
Houston, TX 77292
ATTN: Brian Cobb

DATE: 06/29/94

PROJECT: EZ Serve #100231
SITE: Hwy 19 Pauls Valley, OK
SAMPLED BY: Detsco
SAMPLE ID: #3 Under 6K

PROJECT NO:
MATRIX: SOIL
DATE SAMPLED: 06/21/94 15:47:00
DATE RECEIVED: 06/23/94

ANALYTICAL DATA

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
BENZENE	ND	0.0010 P	mg/Kg
TOLUENE	ND	0.0010 P	mg/Kg
ETHYLBENZENE	ND	0.0010 P	mg/Kg
TOTAL XYLENE	ND	0.0010 P	mg/Kg
TOTAL BTEX	ND		mg/Kg

Surrogate	% Recovery
1,4-Difluorobenzene	92
4-Bromofluorobenzene	89

METHOD 5030/8020 ***
Analyzed by: KA
Date: 06/28/94

Petroleum Extractables	39	10	mg/Kg
METHOD Mod. 418.1*			
Analyzed by: SV			
Date: 06/24/94			

ND - Not detected.

(P) - Practical Quantitation Limit

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 17th ed.
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

Barbara Martinez
SPL, Inc., - Project Manager

QUALITY CONTROL DOCUMENTATION

Matrix: Soil
 Sample ID: 9406933-04A
 Batch ID: HP_0940627200500

Reported on: 06/29/94 07:17:04
 Analyzed on: 06/28/94 07:49:00
 Analyst: KA

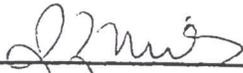
This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

BTEX - Soil
 METHOD 8020***

COMPOUND	Sample Value μg/Kg	Spike Added μg/Kg	MS % Recovery #	MSD % Recovery #	Relative % Difference #
Benzene	ND	20	95	90	5
Toluene	ND	20	90	85	6
EthylBenzene	ND	20	90	85	6
O Xylene	ND	20	95	90	5
M & P Xylene	1.0	40	90	85	6

NOTES

column to be used to flag recovery and RPD values with an asterisk
 * values outside of QC Limits.



 Idelis Williams, QC Officer

** SPL QUALITY CONTROL REPORT **
 TOTAL PETROLEUM HYDROCARBONS (TPH)

SPL sample Id: 9406986-02B
 Matrix: SOIL

Reported on: 06/29/94
 Analyzed on: 06/24/94

This sample was randomly selected for use in the SPL quality control program. One in ten samples is fortified with a known concentration of the substance being analyzed and one in ten samples is analyzed in duplicate. The result are as follows:

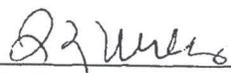
-- SPIKE ANALYSIS --

Sample Id	Blank Value	Spike Added mg/L	Original Sample Concentration mg/Kg	MS Concentration mg/Kg	MS % Rec
9406986-02B	ND	360	6	378	103

-- SPIKE DUPLICATE ANALYSIS --

Sample Id	Spike Added mg/L	MSD Concentration mg/Kg	MSD % Rec	% RPD
9406986-02B	360	362	99	4

SPL, Incorporated


 Idelis Williams, QC Officer

CHAIN OF CUSTODY
AND
SAMPLE RECEIPT CHECKLIST

9406933



Environmental Laboratory
8880 Interchange Drive
Houston, Texas 77054
713/660-0901

Analysis Request and Chain of Custody Record

Project No.		Client/Project Name		Project Location				
		E2 Sewer		Hwy 19 Dauls Valley, Ok.				
Field Sample No./ Identification	Date and Time	Q7a	Q7b	Sample Container (Size/Mat'l)	Sample Type (Liquid, Sludge, Etc.)	Preservative	ANALYSIS REQUESTED	LABORATORY REMARKS
#1 Under 10 K	6/21/94 3:37 PM	✓		8 oz	Soil	Ice	TPH, BTEX	All Reprets In Ppm
#2 Under 8.6	6/21/94 3:44 PM	✓		8 oz	Soil	Ice	TPH, BTEX	
#3 Under Leak	6/21/94 5:41 PM	✓		8 oz	Soil	Ice	TPH, BTEX	
#4 Down Catch DN WALK	6/21/94 3:53 PM	✓		8 oz	Soil	Ice	TPH, BTEX	
Samplers: (Signature)		Relinquished by: (Signature)		Date: 6-21-94	Time: 4:00 PM	Date: 6-21-94	Time: 4:00 PM	Intact
Rock Cole		Alcorn Svc # 0083						
Affiliation		Relinquished by: (Signature)		Date:	Time:	Date:	Time:	Intact
Alcorn Svc # 0083								
SAMPLER REMARKS:		Relinquished by: (Signature)		Date:	Time:	Date:	Time:	Intact
		Received for laboratory: (Signature)		Date:	Time:	Date:	Time:	Intact
		Data Results to:		Date:	Time:	Date:	Time:	Intact

Seal # 6305439766

SPL HOUSTON ENVIRONMENTAL LABORATORY

SAMPLE LOGIN CHECKLIST

DATE: 01/23/94 TIME: CLIENT NO. LOT NO. CONTRACT NO.

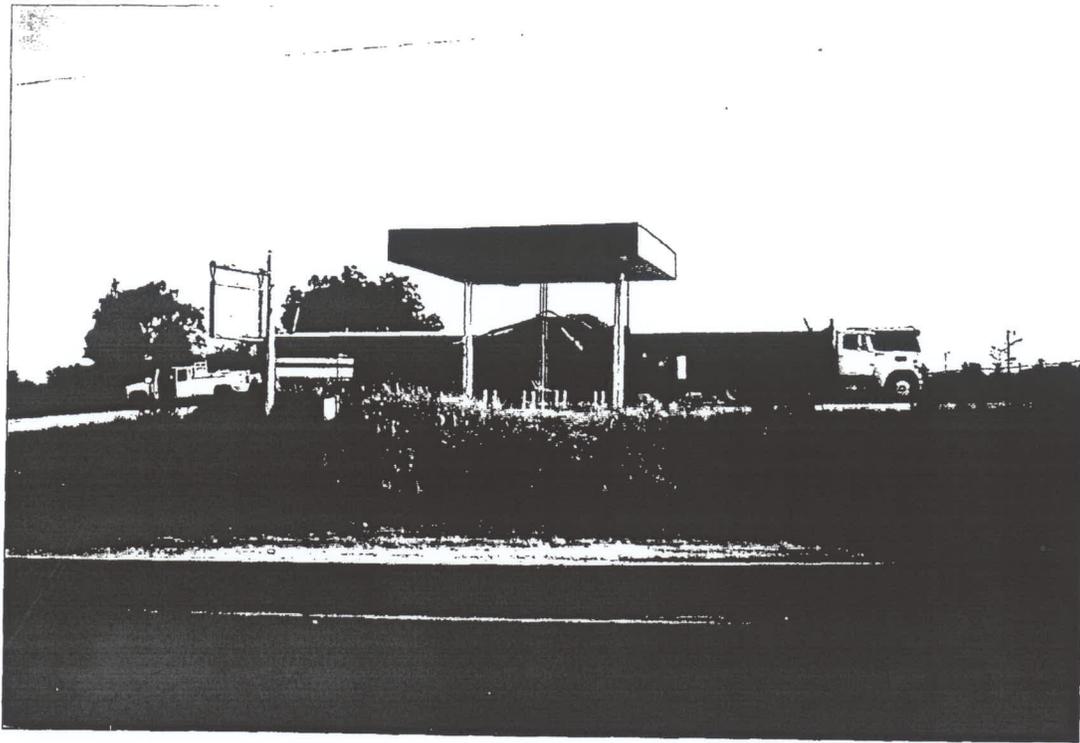
CLIENT SAMPLE NOS.

SPL SAMPLE NOS.: 9406933

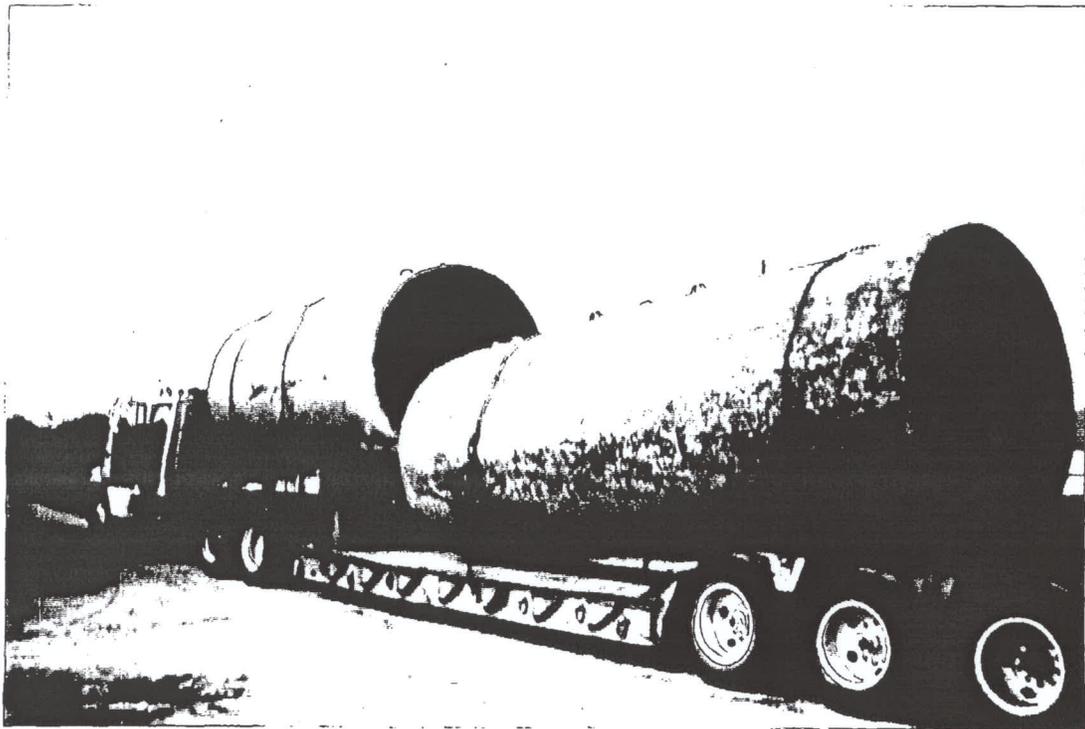
- 1. Is a Chain-of-Custody form present? YES [checked] NO
2. Is the COC properly completed? YES [checked] NO
3. Is airbill/packing list/bill of lading with shipment? YES [checked] NO
4. Is a USEPA Traffic Report present? NO YES [checked]
5. Is a USEPA SAS Packing List present? NO YES [checked]
6. Are custody seals present on the package? YES [checked] NO
7. Are all samples tagged or labeled? YES [checked] NO
8. Do all shipping documents agree? YES [checked] NO
9. Condition/temperature of shipping container: 3 IMPACT
10. Condition/temperature of sample bottles: 3 GOOD
11. Sample Disposal?: SPL disposal [checked] Return to client

NOTES (reference item number if applicable):

ATTEST: [Signature] DATE: 01/23/94
DELIVERED FOR RESOLUTION: REC'D DATE:
RESOLVED: DATE:



E-Z Serve Facility #100231
Hwy. 19. Pauls Vallev. OK



E-Z Serve Facility #100231
Hwy. 19, Pauls Valley, OK

**ALCORN
SERVICE
COMPANY**

RR 1 BOX 1411 - RAMONA, OK 74061
918-371-5451 FAX 371-2918

CHAIN OF CUSTODY AUTHORIZATION

John Florer is under the supervision of consultant Loren Alcorn #0083 for the purpose of taking soil samples on UST sites. John is employed by Alcorn Service Co. and has 10 years experience with UST sites.



LOREN ALCORN - UST Consultant #0083

DATE: 06-01-94

Pauls Valley

OKLAHOMA CORPORATION COMMISSION

SITE ASSESSMENT SUMMARY

for

TANK SYSTEM CLOSURES

The following list of items need to be included in a site assessment report. Use of this site assessment summary will expedite processing of the report. Site specific conditions may exist that require additional information to be included and it is encouraged that all pertinent information be recorded in the report. PLEASE SUBMIT THIS COMPLETED FORM WITH YOUR CLOSURE REPORT AND SUPPORTING DATA WITHIN 45 DAYS OF THE TANK CLOSURE.

1. Facility Identification Number. 2500697
2. Facility Location Name and Address. Oklahoma Outpost #10231
Hwy. 19
Pauls Valley, OK
3. Owner's Name and Address. E-Z Serve Management, Co.
P.O. Box 922024
Houston, TX 77290-2021
4. Certified UST Consultant's name, telephone, and certification number responsible for the sampling. Loren Alcorn Alcorn Service Co. UST Cons. #0083
Rt. 1 Box 1411 Ramona, OK 74061
(918) 371-5451
5. Date work accomplished. 6/21/94
6. Number and size of tanks closed in place. _____
7. Number and size of tanks removed. (1) 10K, (1) 8K, (1) 6K
8. Number and size of tanks remaining at this facility. —
9. Condition of tank and if any holes present. none
11. Describe and document disposal of tanks. see attached Bill of Sale
12. Was excavated soil returned to the tank pit? yes

SPECIAL BILL OF SALE.
FOR
USED PETROLEUM STORAGE TANKS

KNOW ALL MEN BY THESE PRESENTS that DETSCO, Inc., a Texas Corporation with an office and place of business at 803 Curtin St., Houston, Texas (hereinafter referred to as "Seller"), for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration to it paid

by _____

(hereinafter referred to as "Buyer"), receipt of which is acknowledged, does by these presents bargain and sell, on the terms and conditions hereinafter set forth, unto said Buyer, his heirs, successors and assigns the following described

property: Steel Tanks - 1-10000 - 18000

1-6000

being situated at: E 2 SEAVE OUT POST

Pauls Valley OK

Seller makes no warranty, express or implied, as to the condition of said personal property or its fitness for use for any purpose, or that said personal property has been rendered free and safe from any explosive or inflammable contents. The Buyer expressly acknowledges that the above referenced personal property has been used for, or in connection with, the storage and dispensing of petroleum products, including leaded gasoline, which give off flammable and explosive vapors and that there is danger of explosion thereof, and Buyer hereby accepts such property "AS IS" without any warranties or representations on the part of the Seller as to what the condition may be.

Buyer agrees to assume all risks, liabilities, and hazards for and shall defend, indemnify, and hold Seller, its officers and employees, harmless from and against all claims, costs (including without limitation, attorney's fees and other legal expenses), and damages or injuries of any kind or nature whatever (including death) to all persons, whether employees of Buyer or otherwise, and to all property (including but not limited to Buyer's property), arising from or connected with the use or possession of said tanks for any purpose or arising out of any abandonment or removal of said tanks. Buyer further agrees to assume full responsibility for the disposition of said tanks in accordance with all applicable federal, state and local law. Without limitation of the foregoing, Buyer agrees to defend, indemnify, and hold harmless seller, its officers and employees, from and against all claims, costs (including, without limitation, attorney's fees and other legal expenses) and damages (including, without limitation, fines or civil penalties) arising from or connected with any disposition of the tanks alleged to be not in accordance with applicable law.

Because this property has contained gasoline, possibly including leaded gasoline and/or other liquids which are flammable and toxic, Buyer agrees that he will not use or permit the property to be used for any purpose. Buyer agrees to provide written documentation that said tanks have been scrapped in accordance with all applicable local, state and federal laws.

IN WITNESS WHEREOF, Seller has executed this instrument this 21 day of June, 1994.

WITNESS:

DETSKO, INC.

BY Rock Co

BUYER'S ACCEPTANCE

The Undersigned Buyer hereby acknowledges receipt of the fully executed original of the within and foregoing Bill of Sale and of the property described therein and accepts the same this _____ day of _____, 1994, upon the terms and conditions therein contained.

WITNESS:

Lewis Arthur

X Lewis Arthur
"Buyer"

Notification for Underground Storage Tanks		STATE USE ONLY	
State Agency Name and Address		ID NUMBER	0500697
TYPE OF NOTIFICATION		DATE RECEIVED	
<input type="checkbox"/> A. NEW FACILITY <input type="checkbox"/> B. AMENDED <input checked="" type="checkbox"/> C. CLOSURE		A. Date Entered Into Computer _____ B. Data Entry Clerk Initials _____ C. Owner Was Contacted to Clarify Responses. Comments _____	
_____ No. of tanks at facility _____ No. of continuation sheets attached			
INSTRUCTIONS			
Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.			

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status (only amended tank information needs to be included).

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. Industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;

3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an interstate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mine-working, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

Oklahoma Corporation Commission
 Underground Storage Tank Program
 Jim Thorpe Building
 Room 240
 Oklahoma City, OK 73105

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)		II. LOCATION OF TANK(S)	
Owner Name (Corporation, Individual, Public Agency, or Other Entity) <u>F-2 Service Petroleum Mkt. Co.</u> Street Address <u>2550 N. Loop W., Ste. 1600</u> <u>Houston TX 77092</u> City State ZIP Code <u>Harris</u> County <u>(713) 684-4300</u> Phone Number (Include Area Code)		[If required by State, give the geographic location of tanks by degrees, minutes, and seconds. Examples Lat. 42, 36, 12 N Long. 68, 24, 17W] Latitude _____ Longitude _____ (If same as Section I, mark box here <input type="checkbox"/>) Facility Name or Company Site Identifier, as applicable <u>Oklahoma Outpost</u> Street Address (P.O. Box not acceptable) <u>Highway 19</u> <u>Pauls Valley, Oklahoma 73120</u> City State ZIP Code <u>Garvin</u> County Municipality	

III. TYPE OF OWNER		IV. INDIAN LANDS	
<input type="checkbox"/> Federal Government	<input checked="" type="checkbox"/> Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. <input type="checkbox"/>	Tribe or Nation: _____
<input type="checkbox"/> State Government	<input type="checkbox"/> Private		
<input type="checkbox"/> Local Government		Tanks are owned by native American nation, tribe, or individual. <input type="checkbox"/>	

V. TYPE OF FACILITY

Select the Appropriate Facility Description

<input checked="" type="checkbox"/> Gas Station	<input type="checkbox"/> Railroad	<input type="checkbox"/> Trucking/Transport
<input type="checkbox"/> Petroleum Distributor	<input type="checkbox"/> Federal - Non-Military	<input type="checkbox"/> Utilities
<input type="checkbox"/> Air Taxi (Airline)	<input type="checkbox"/> Federal - Military	<input type="checkbox"/> Residential
<input type="checkbox"/> Aircraft Owner	<input type="checkbox"/> Industrial	<input type="checkbox"/> Farm
<input type="checkbox"/> Auto Dealership	<input type="checkbox"/> Contractor	<input type="checkbox"/> Other (Explain) _____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Jim Shiflet	Environmental & Construction Super.	P.O. Box 922021 Houston, TX 77292-2021	(713) 684-4362

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H

Check All that Apply

<input type="checkbox"/> Self Insurance	<input type="checkbox"/> Guarantee	<input type="checkbox"/> State Funds
<input type="checkbox"/> Commercial Insurance	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Trust Fund
<input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Other Method Allowed Specify _____

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative (Print) D.D. Waters, Jr. VP - Environ., Const. & Real Estate	Signature 	Date Signed 7-11-94
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EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. _____	Tank No. _____
1. Status of Tank (mark only one) Currently in Use Temporarily Out of Use <small>(Remember to fill out section X.)</small> Permanently Out of Use <small>(Remember to fill out section X.)</small> Amendment of Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Date of Installation (mo./year)					
3. Estimated Total Capacity (gallons)	10,000	8,000	6,000		
4. Material of Construction (Mark all that apply) Asphalt Coated or Bare Steel Cathodically Protected Steel Epoxy Coated Steel Composite (Steel with Fiberglass) Fiberglass Reinforced Plastic Lined Interior Double Walled Polyethylene Tank Jacket Concrete Excavation Liner Unknown Other, Please specify Has tank been repaired?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Piping (Material) (Mark all that apply) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Copper Cathodically Protected Double Walled Secondary Containment Unknown Other, Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Piping (Type) (Mark all that apply) Suction: no valve at tank Suction: valve at tank Pressure Gravity Feed Has piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. _____	Tank No. _____
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diesel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gasohol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kerosene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Used Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous Substance CERCLA name and/or, CAS number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mixture of Substances Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
X. TANKS OUT OF USE, OR CHANGE IN SERVICE					
1. Closing of Tank					
A. Estimated date last used (mo./day/year)	<u>06/94</u>	<u>06/94</u>	<u>06/94</u>	<input type="checkbox"/>	<input type="checkbox"/>
B. Estimate date tank closed (mo./day/year)	<u>6/31/94</u>	<u>6/31/94</u>	<u>6/31/94</u>	<input type="checkbox"/>	<input type="checkbox"/>
C. Tank was removed from ground	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Tank was closed in ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Tank filled with inert material Describe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. Change in service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Site Assessment Completed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of a leak detected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OKLAHOMA

CORPORATION COMMISSION

P.O. Box 52000-2000 (405) 521-3107

E. R. Smith

Director, Fuel Div

OKLAHOMA CITY, OKLAHOMA 73152-2000

DATE: 6-17-94
 CONTACT PERSON: J. D. Shiflet FAC #: 2500697
 COMPANY: E-Z Permeel PHONE: 713-684-4362
 ADDRESS: PO Box 922021
 CITY: Houston STATE: TX ZIP: 77292-2021

Dear Sir or Madam:

The Oklahoma Corporation Commission has been notified that an underground storage tank(s) will be closed as follows:

LOCATION: Hwy. 19
 CLOSURE DATE: 6-21-94
 SAMPLING TIME: _____

An OCC certified UST consultant must be in supervisory control of the sampling for use in the site assessment.

Rule 165:25-3-65 allows fines of up to \$ 10,000 per day for not meeting the agreed schedule to sample the sites or failure to provide 48 hours notice for schedule changes. Rescheduling must be accomplished through this office.

The Oklahoma Corporation Commission will issue citations to tank owners that do not submit the required site assessment report within the forty-five day time period as specified in 165:25-3-15 (3).

PROCEDURES LISTED BELOW MUST BE FOLLOWED:

1. Schedule removal/closure with the Oklahoma Corporation Commission.
2. Assure safe work area per Federal, State, and Local regulations.
3. Perform sampling protocol for tank(s) and piping.
 A. SAMPLING MUST BE SUPERVISED BY AN OCC CERTIFIED UST CONSULTANT.
 B. SEND SOIL SAMPLE FOR TESTING TO DEQ CERTIFIED LABORATORY.
4. Submit written report and sketches to the OCC WITHIN 45 DAYS of closure
5. Properly dispose of tank(s), excavated soil, and water.
6. UST Program office, 405-521-3107, technical details and scheduling.

Respectfully,

Connie Wilson
 Connie Wilson

cc. Bruce Jones
CLOSURE.LTR

E-Z SERVE
MANAGEMENT COMPANY

June 16, 1994

VIA FAX #405-521-6576

Mr. Bruce Jones
Oklahoma Corporation Commission
UST Department
P.O. Box 52000-2000
Jim Thorpe Bldg.
Oklahoma City, Oklahoma 73152-2000

Dear Mr. Jones:

The following is a list of locations and their construction schedule dates where E-Z Serve Petroleum Marketing Company will be removing the underground storage tanks. We are aware that we must advise the Commission at least 48 hours in advance of any schedule changes. We are also aware of the new regulation in which a state-approved third party must supervise the sampling event. Our tank removal contractor will make the arrangements.

	Location	Date	
1.	E-Z Serve Facility #100231 Hwy. 19, Pauls Valley, OK (1) 6K, (1) 8K & (1) 10K UST's	6/21/94	2500697
2.	E-Z Serve Facility #100227 Hwy. 271, Finley, OK (2) 8K's UST's	6/27/94	6400691
3.	E-Z Serve Facility #100235 209 E. Railroad Ave., Waurika, OK (2) 8K's UST's	7/06/94	3400554
4.	E-Z Serve Facility #100647 711 S. Seventh, Duncan, OK (2) 8K's UST's	7/11/94	6900568
5.	E-Z Serve Facility #050602 506 S. Cleveland, Enid, OK	7/18/94	2406583

08/16/94

11:59

713 684 4366

EZ SERVE

003

If you have any questions, please contact me at (713)684-4362.

Sincerely,



J. J. Shiflet
Environmental & Construction Supervisor

JJS/as

CC: Brian Cobb

BOB ANTHONY
Commissioner

CODY L. GRAVES
Commissioner

J. C. WATTS, JR
Commissioner

OKLAHOMA

CORPORATION COMMISSION

JIM THORPE BUILDING (405) 521-3107

Tana Walker, Manager
Fuel Storage Dept.

OKLAHOMA CITY, OKLAHOMA 73105

April 15, 1993

EZ Serve, Inc.
10700 North I-45, Suite 500
Houston, TX 77037-1187

RE: Closure of Underground Storage Tank Systems.
Facility #2500697

Gentlemen:

The Regulations for Underground Storage Tank Systems establishes criteria for temporarily out-of-use (TOU) systems.

For greater than one (1) year:

1. The system must be permanently closed if the performance standards are not met for:
 - A. Upgraded UST system (Except for spill and overfill protection), OR
 - B. New UST systems, installed after 12/22/88.
2. A site assessment for systems not meeting item 1 is completed and a written request for time extension of TOU is submitted. Assessment may be scheduled with the Fuel Inspection Department (405-521-2487). Said request must be reviewed by the OCC. The OCC may grant approval for the requested extension.

PERMANENT CLOSURE (or Change-in-Service): Rule 165:25-3-64.

1. Site assessment or monitoring well logs for not less than six (6) months required, AND;
2. Removed from the ground, OR
3. Filled with an inert solid material.

If you have any questions, please call (405) 521-3107.

Respectfully,



Nelson E. Ryan, P.E.
Environmental Engineer

cc: Jan Mobbs

STATE OF OKLAHOMA
OKLAHOMA CORPORATION COMMISSION
 JIM THORPE BUILDING
 ROOM 238
 OKLAHOMA CITY, OKLAHOMA 73105
 (405) 521-3107

RECEIVED
 UST/AST Dept.
 AUG 5 1992

***** STORAGE TANK PROGRAM REGISTRATION FEE *****
 Oklahoma Corporation
 Commission

INVOICE

July 27, 1992
 Page 1 of 1

FISCAL YEAR 1993
 (July 1, 1992 - June 30, 1993)

TO: E Z SERVE, INC. 10700 NORTH I-45, SUITE 500 HOUSTON, TX 77037-1187	SITE LOCATION: OKLAHOMA OUTPOST (100231) RT. 2, BOX 1888 PAULS VALLEY, OK 73120 002H7687 E 0001 30TANK \$75.00 8-5-92
--	--

Pursuant to Oklahoma Corporation Commission Rules. OAC 165:25-9-11 and OAC 165:26-9-11 governing storage tanks in Oklahoma and Oklahoma Corporation Commission Rules of Practice, OAC 165:5-3-1, and Sections 306.1, 308.1 and 405(l) of Title 17 of the Oklahoma statutes, owners and/or operators of storage tanks shall pay an annual registration fee based upon the type of tanks owned at each facility at the beginning of each fiscal year, which is July 1, or any portion of the year thereafter. Applicable late fees may be assessed for failure to make timely payment. Make checks payable to the Oklahoma Corporation Commission - UST Program. For any questions, please call (405) 521-3107.

Facility #	No. of tanks Petroleum	No. of tanks Hazardous	No. of tanks Agriculture	Cost
2-500897	3	0	0	
	Tank #	Description		
	1	10,000 Gal - Gasoline		\$ 25.00
	2	8,000 Gal - Gasoline		\$ 25.00
	3	6,000 Gal - Diesel		\$ 25.00

TANK FEE:
 For Petroleum Tanks (Both AST & UST)
\$25/Tank
 For Hazardous Substance Tanks (UST)
\$100/Tank
 For Agricultural Tanks (non-retail) (UST)
\$10/Tank

Registration Fee: \$ 75.00
 Late Fee: \$
 Amount Received: \$
 Amount Due: \$ 75.00

Date Due: **AUG. 26, 1992** *Thank You*

PLEASE RETURN YELLOW COPY WITH PAYMENT

2500697

OKLAHOMA CORPORATION COMMISSION - Fuel Division
Jlm Thorpe Bldg. - Okla. City, OK 73105

Box 3

BRAND and. Date 6-8-92 O.C.C. No. 4774

Station Name The Outpost Start Bio. Address 5 1/2 mi. E. on Hy. 19

Operator Sandy Saunders City Pauls Valley, Okla.

Today, for pump calibration purposes, the following number of gallons were withdrawn from the pumps and returned to the proper storage tanks as witnesses by the undersigned.

Unleaded _____ gal. Regular _____ gal. Prem. Unleaded _____ gal.
Aviation gas _____ gal. Diesel _____ gal. Other fuel _____ gal.
\$ _____ worth of gasoline was taken from this station for testing purposes.

UNDERGROUND TANK WATER CHECK: Unleaded _____ in. UNL-89 _____ in. Prem. Unleaded _____ in.
Regular _____ in. Diesel _____ in. Other UNL-89 _____ in.

Pump Calibration Tolerance New or repaired pump ± 3.0 cu. in. in five gallons
± 6.0 cu. in. in five gallons (1155 cu. in. / 5 gal.)

#1 _____ #2 _____ #3 _____ #4 _____ #5 _____
#6 _____ #7 _____ #8 _____ #9 _____ #10 _____
#11 _____ #12 _____ #13 _____ #14 _____ #15 _____
#16 _____ #17 _____ #18 _____ #19 _____ #20 _____
#21 _____ #22 _____ #23 _____ #24 _____ #25 _____

LAST INSPECT 10-8-91.
FIRST TC CLOSED
P. CLOSED 3-11-94.

Bill Denty
Fuel Specialist, Fuel Division

I, the undersigned, certify that the gasoline used by the Fuel Specialist for the calibration of pumps, as stated above was returned to the proper storage tanks.

Colored copy to station _____
White copy to Fuel Specialist _____
Station Owner, Operator, or Employee

Violations or Remarks: _____

Septic System - No Drain

Violations Corrected on Date _____ Contaminated Product _____
1. _____ Number of Gallons _____
2. _____ Test Failed Rule No. _____
3. _____ Owner of Product _____
4. _____ Address _____
5. _____ City _____

Distillation Test _____ Flash Test _____
10% _____ Diesel _____ F° Kerosene _____ F°
50% _____ Gravity _____ Gravity _____
90% _____ Brands ANTI FREEZE _____ 1.
E.P. _____ _____ 2.
Rec. _____ _____ 3.
Res. _____ _____ 4.

Unleaded = UNL Regular = R Super Unleaded = SU Premium Unleaded = PU
Unleaded + Alcohol = UA Regular + Alcohol = RA Mid Range = 89

OAC
9-12-90

Notification for Underground Storage Tanks	STATE USE ONLY
<small>State Agency Name and Address</small>	ID NUMBER 2-500697
TYPE OF NOTIFICATION	DATE RECEIVED AUG 2 2 1988
<input type="checkbox"/> A. NEW FACILITY <input checked="" type="checkbox"/> B. AMENDED <input type="checkbox"/> C. CLOSURE 3 No. of tanks at facility 1 No. of continuation sheets attached	A. Date Entered Into Computer _____ B. Data Entry Clerk Initials _____ C. Owner Was Contacted to Clarify Responses, Comments _____ _____ _____ _____
INSTRUCTIONS	
Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.	

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

- a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and
- b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.
- c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status (only amended tank information needs to be included).

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. Industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

- 1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
- 2. tanks used for storing heating oil for consumptive use on the premises where stored;

- 3. septic tanks;
- 4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
- 5. surface impoundments, pits, ponds, or lagoons;
- 6. storm water or waste water collection systems;
- 7. flow-through process tanks;
- 8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
- 9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to: **UST PROGRAM OKLAHOMA CORPORATION COMMISSION JIM THORPE BUILDING RM# 235 OKLAHOMA CITY, OK 73105**

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)	II. LOCATION OF TANK(S)
<small>Owner Name (Corporation, Individual, Public Agency, or Other Entity)</small> HARKEN MARKETING CO. <small>Street Address</small> ATTN: ENVIRONMENTAL DEPT. 10700 N. FREEWAY, STE. 500 <small>City State ZIP Code</small> HOUSTON TX 77037 <small>County</small> NARRIS <small>Phone Number (include Area Code)</small> 713-650-7700	<small>If required by State, give the geographic location of tanks by degrees, minutes, and seconds. Examples Lat. 42, 36, 12 N Long. 95, 24, 17W</small> Latitude _____ Longitude _____ <small>(if same as Section I, mark box here X)</small> <small>Facility Name or Company Site Identifier, as applicable</small> OKLAHOMA OUTPOST (100231) <small>Street Address (P.O. Box not acceptable)</small> RT 2 BOX 168B PAULS VALLEY, OK 73120 <small>City State ZIP code</small> GARVIN <small>County Municipality</small>

III. TYPE OF OWNER		IV. INDIAN LANDS	
<input type="checkbox"/> Federal Government	<input type="checkbox"/> Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. <input type="checkbox"/>	Tribe or Nation: _____
<input type="checkbox"/> State Government	<input checked="" type="checkbox"/> Private	Tanks are owned by native American nation, tribe, or individual. <input type="checkbox"/>	_____
<input type="checkbox"/> Local Government			

V. TYPE OF FACILITY

Select the Appropriate Facility Description

<input checked="" type="checkbox"/> Gas Station	<input type="checkbox"/> Railroad	<input type="checkbox"/> Trucking/Transport
<input type="checkbox"/> Petroleum Distributor	<input type="checkbox"/> Federal - Non-Military	<input type="checkbox"/> Utilities
<input type="checkbox"/> Air Taxi (Airline)	<input type="checkbox"/> Federal - Military	<input type="checkbox"/> Residential
<input type="checkbox"/> Aircraft Owner	<input type="checkbox"/> Industrial	<input type="checkbox"/> Farm
<input type="checkbox"/> Auto Dealership	<input type="checkbox"/> Contractor	<input type="checkbox"/> Other (Explain) _____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H

Check All that Apply

<input checked="" type="checkbox"/> Self Insurance	<input type="checkbox"/> Guarantee	<input type="checkbox"/> State Funds
<input type="checkbox"/> Commercial Insurance	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Trust Fund
<input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Other Method Allowed Specify _____

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative (Print) CAROL ANN DEWINT ENVIRONMENTAL ADMINISTRATOR	Signature <i>Carol Ann Dewint</i>	Date Signed 8-13-90
--	--------------------------------------	-------------------------------

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

100231

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. _____	Tank No. _____
1. Status of Tank (mark only one) Currently in Use Temporarily Out of Use <small>(Remember to fill out section IX.)</small> Permanently Out of Use <small>(Remember to fill out section IX.)</small> Amendment of Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Date of Installation (mo./year)	1/81	1/81	1/81		
3. Estimated Total Capacity (gallons)	10,000	8,000	6,000		
4. Material of Construction (Mark all that apply) Asphalt Coated or Bare Steel Cathodically Protected Steel Epoxy Coated Steel Composite (Steel with Fiberglass) Fiberglass Reinforced Plastic Lined Interior Double Walled Polyethylene Tank Jacket Concrete Excavation Liner Unknown Other, Please specify _____ _____ Has tank been repaired?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Piping (Material) (Mark all that apply) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Copper Cathodically Protected Double Walled Secondary Containment Unknown Other, Please specify _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Piping (Type) (Mark all that apply) Suction: no valve at tank Suction: valve at tank Pressure Gravity Feed Has piping been repaired?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. _____	Tank No. _____
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diesel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gasohol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kerosene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Used Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<hr/>					
Hazardous Substance CERCLA name and/or, CAS number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<hr/>					
Mixture of Substances Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<hr/>					

X. TANKS OUT OF USE, OR CHANGE IN SERVICE

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	<input type="text"/>				
<hr/>					
B. Estimate date tank closed (mo./day/year)	<input type="text"/>				
<hr/>					
C. Tank was removed from ground	<input type="checkbox"/>				
D. Tank was closed in ground	<input type="checkbox"/>				
E. Tank filled with inert material Describe	<input type="checkbox"/>				
<hr/>					
F. Change in service	<input type="checkbox"/>				
<hr/>					
2. Site Assessment Completed	<input type="checkbox"/>				
<hr/>					
Evidence of a leak detected	<input type="checkbox"/>				

Notification for Underground Storage Tanks

FORM APPROVED
OSHA NO. 3050-1048
APPROVAL EXPIRES 6-30-88

I.D. Number **STATE USE ONLY**

2500697

Date Received

MAR 14 1986

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but not for use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of regulated substances, and (2) whose volume (including connected underground piping) is 10³ or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks.

4. pipeline facilities (including gathering lines) regulated under the Interstate Pipeline Safety Act of 1969 or the Hazardous Liquid Pipeline Safety Act of 1975, which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, well, mine, working drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101(14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. This includes petroleum, e.g., crude oil or any fraction thereof which is held under conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

0

050416

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

EZ Serve, Inc.

Street Address

901 South First

County

Taylor

City

Abilene

State

Texas

ZIP Code

79602

Area Code

415

Phone Number

677-3522

Type of Owner (Mark all that apply)

Current

State or Local Gov't

Private or Corporate

Former

Federal Gov't (GSA facility I.D. no. _____)

Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section 1, mark box here)

Facility Name or Company Site Identifier, as applicable

Oklahoma Outpost

Street Address or State Road, as applicable

Rt. 2 Box 168B

County

Garvin

City (nearest)

Pauls Valley Oklahoma

State

ZIP Code

73120

Indicate number of tanks at this location

3

Mark box here if tanks are located on land within an Indian reservation or on other Indian trust lands

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here)

Sandy Saunders

Job Title

Manager

Area Code

405-238-9082

Phone Number

IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Tom McMillan, I.F. Service Administration

Signature

Tom McMillan

Date Signed

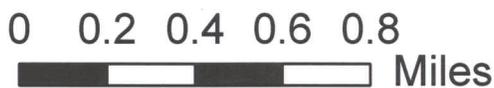
3/5/86

CONTINUE ON REVERSE SIDE

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. #1	Tank No. #2	Tank No. #3	Tank No.	Tank No.
1. Status of Tank (Mark all that apply <input checked="" type="checkbox"/>) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2. Estimated Age (Years)	5	5	5		
3. Estimated Total Capacity (Gallons)	10,000	8,000	6,000		
4. Material of Construction (Mark one <input checked="" type="checkbox"/>) Steel Concrete Fiberglass Reinforced Plastic Unknown Other: Please Specify	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5. Internal Protection (Mark all that apply <input checked="" type="checkbox"/>) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other: Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6. External Protection (Mark all that apply <input checked="" type="checkbox"/>) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other: Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7. Piping (Mark all that apply <input checked="" type="checkbox"/>) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other: Please Specify	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply <input checked="" type="checkbox"/>) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other: Please Specify c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances d. Unknown	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal) c. Mark box <input checked="" type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>	 <input type="checkbox"/>

Pauls Valley Phase I Targeted Brownfield Assessment ODEQ Geographic Information System Search



Map created by Savannah Richards
on 06/12/2011.

We make every effort to provide and maintain accurate, complete, usable, and timely information. However, some data and information on this map may be preliminary or out of date and is provided with the understanding that it is not guaranteed to be correct or complete. Conclusions drawn from, or actions undertaken on the basis of, such data and information are the sole responsibility of the user.

Voluntary Cleanup Site Report

Previous Record ID:

194

Next Record

Find Record

Last Updated By
Last Updated O

Site Information

Name: Halliburton Services
 Consultant: Entact
 Location: NW/4, NW/4, Sect. 28, T3N, R1E
 City: Pauls Valley County: Garvin
 Latitude: 34 42 ' 35.48 " N Decimal: 34.7098555556
 Longitude: 97 12 ' 44.80 " W Decimal: -97.2124444444
 Issues: Hc
 Status:

~~*~~ 3 mi SE of Pauls Valley Armory

Organization Contact Information

Company:
 Firstname:
 Email:
 Phone:
 Address:
 City:
 ZIP:

Project Manager: Roberts
 Date Received: 10/23/1999
 Date Inactive: 9/6/2006
 Date Closed: 9/6/2006
 Instit. Controls
 MACO Date: 3/25/02 \$X
 Con. Order Date
 Brownfield:
 Case Number:
 Program Code:
 Task Code:
 Media: gw
 Info Source: VCP, Spills & Misc

Site Contact Information

Company:
 Firstname:
 Email:
 Phone:
 Address:
 City:
 ZIP:

Other Contact Information

Company:
 Firstname:
 Email:
 Phone:
 Address:
 City:
 ZIP:

Brownfields Program
Public Record
Updated January 26, 2011

The following sites have **completed** the Oklahoma Brownfield Program:

<p>National Institute for Petroleum Energy Research (NIPER) 220 N. Virginia Avenue Bartlesville, OK 74003</p>	<p>Certificate of No Action Necessary issued on November 30, 1999 Allowable Use – Commercial/Industrial IC – Certificate filed in County Land Records (notice to deed)</p>
<p>Flint Industries, Flintco Warehouse 1802 W. 21st Street Tulsa, Oklahoma</p>	<p>Certificate of No Action Necessary issued on February 14, 2000 Allowable Use – Commercial/Industrial IC – Certificate filed in County Land Records (notice to deed)</p>
<p>Asphalt Technology 24606 South Highway 66 Claremore, Oklahoma 74017</p>	<p>Certificate of No Action Necessary issued on December 15, 2000 Allowable Use – Commercial/Industrial IC – Certificate filed in County Land Records (notice to deed)</p>
<p>Oklahoma City Urban Renewal Authority, Bricktown Phase I 204 South Reno Avenue and Byers Avenue NW/4 Sec. 03 T11N R03W IM Oklahoma City, Oklahoma</p>	<p>Certificate of No Action Necessary issued on December 1, 2005 Allowable Use – Commercial/Industrial; no groundwater use allowed; future structures must have vapor barrier IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Oklahoma Steel Castings (currently Brainerd Chemical) 1200 N. Peoria Tulsa, Oklahoma</p>	<p>Certificate of No Action Necessary issued on August 8, 2002 Allowable Use – Commercial/Industrial IC – Certificate filed in the County Land Records (notice to deed)</p>

<p>Duralast Rubber Products, Inc. (aka UNR Industries) East 13th Street South and South Norwood Avenue Tulsa, Oklahoma</p>	<p>Certificate of Completion issued on July 25, 1997 Allowable Use – Commercial/Industrial IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Rafferty Property (aka Sinclair Topping Plant) Sec. 23 T18N R05E IM Cushing, Oklahoma</p>	<p>Certificate of Completion issued on December 1, 2000 Allowable Use – Agricultural/Commercial/Industrial IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Electronic Chemicals Inc. (aka ECI) 5201 W. 21st Street Tulsa, Oklahoma 74107</p>	<p>Certificate of Completion issued on September 23, 1997 Allowable Use – Commercial/Industrial IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Federated Metals (currently Cimarron Center and Cimarron Plaza) 200 South Wilson Avenue Sand Springs, Oklahoma</p>	<p>Certificate of Completion issued on February 11, 2004 Allowable Use – Commercial IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Ozark-Mahoning Company Phosphogypsum Stack 5101 W. 21st Street Tulsa, Oklahoma</p>	<p>Certificate of Completion issued February 2, 2001 Allowable Use – Commercial/Industrial IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Tract Nine West, Blackwell Industrial Park Second Addition to the City of Blackwell Blackwell, Oklahoma</p>	<p>Certificate of Completion issued October 4, 2002 Allowable Use – Commercial/Industrial IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Tract 20, Blackwell Industrial Park Second Addition to the City of Blackwell Blackwell, Oklahoma</p>	<p>Certificate of Completion issued October 28, 2003 Allowable Use – Commercial/Industrial IC – Certificate filed in the County Land Records (notice to deed)</p>

<p>Summit Machine Tool & Little Giant 4000 NW 39th Expressway Oklahoma City, Oklahoma</p>	<p>Certificate of Completion issued January 4, 2007 Allowable Use – Commercial/Industrial IC_ Certificate filed in the County Land Records (notice to deed)</p>
<p>Portion of Tract 10, Blackwell Industrial Park G&C Concrete Second Addition to the City of Blackwell Blackwell, Oklahoma</p>	<p>Certificate of Completion issued December 29, 2008 Allowable Use – Commercial/Industrial IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Oklahoma City Landfill/Dell Property Transfer Southwest 15th & South Portland Avenue Oklahoma City, Oklahoma</p>	<p>Certificate of No Action Necessary issued April 22, 2009 Allowable Use – Commercial IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Oklahoma City Urban Renewal Authority Phase 1A Bricktown Redevelopment Property NW4, Section 3, Township 11 North, Range 03 West, I.M. E. Reno Avenue & S. Geary Place Oklahoma City, Oklahoma</p>	<p>Certificate of No Action Necessary issued September 28, 2009 Allowable Use – Commercial IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Sand Springs Railway 9200 W. 21st Street Sand Springs, Oklahoma</p>	<p>Certificate of No Action Necessary issued October 27, 2010 Allowable Use – Industrial IC – Certificate filed in County Records (notice to deed)</p>
<p>Blackwell Industrial Park Tracts 8 & 9 West Second Addition to the City of Blackwell Blackwell, Oklahoma</p>	<p>Certificate of Completion issued October 1, 2010 Allowable Use – Commercial/Industrial IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Shadow Lake Park Portion of Collinsville Smelter Site</p>	<p>Certificate of Completion issued December 21, 2010 Allowable Use – Commercial/Industrial</p>

<p>NW4 Section 32 T22N R14E IM Collinsville, Oklahoma</p>	<p>IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Blackwell Industrial Park Portion of Tract 10 Second Addition to the City of Blackwell Blackwell, Oklahoma</p>	<p>Certificate of Completion issued December 21, 2010 Allowable Use – Commercial/Industrial IC – Certificate filed in the County Land Records (notice to deed)</p>
<p>Claremore Regional Hospital Expansion NW Corner of East 15th Street and Florence Avenue Claremore, Oklahoma</p>	<p>Certificate of Completion – under preparation Allowable Use – Commercial</p>

The following sites are currently in the Brownfield Program and may complete the program in the next year.

Okmulgee Refinery

Section 31, Township 14 North, Range 13 East and Section 6, Township 13 North, Range 13 East
Okmulgee, Oklahoma

Baker Petrolite Warehouse Facility

1818 West 21st Street
Tulsa, Oklahoma

Sapulpa Tank Farm (Koch Pipeline Company LP.)

NE4, Section 26, Township 18 North, Range 11 East, and NW4, Section 25, Township 18 North, Range 11 East I.M.
Sapulpa, Oklahoma

Sapulpa Refinery

State Highway 166 & Frankoma Road
Sapulpa, Oklahoma

Downtown Airpark Property (Hangar Four Property, LLC. & Humphreys Partners 2006, LLC.)

1701 S. Western, Oklahoma City, Oklahoma
NE4, Section 8 & SE4 of Section 5, Township 11 North, Range 3 West I.M.

Tinker AFB Aerospace Complex (former GM plant)
SW 74th and Midwest Boulevard, Oklahoma City, Oklahoma

JM Assets LP (Former City of Broken Arrow Landfill)
W2, NE4, Section 8, Township 18 North, Range 15 East
Broken Arrow, Oklahoma

Mimosa Tree Capital Investments II, LLC/211 S. Elgin, LLC (Former Universal Rig Warehouse)
SE4, NW4, Section 1, Township 19 North, Range 12 East I.M.
Tulsa, Oklahoma

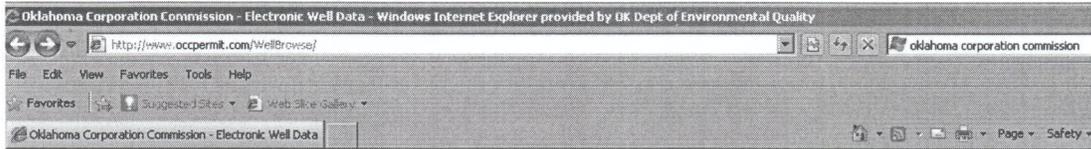
Lillard Pipe/Absentee Shawnee Tribe of Oklahoma
40208 Benson Park Road
Tecumseh, Oklahoma

Habitat For Humanity, Ardmore Chapter
Hope housing development
Ardmore, Oklahoma

Tulsa Community College Warehouse
1110 S. Detroit Avenue
Tulsa, Oklahoma

Forum 21
11682 E. 21st Street
Tulsa, Oklahoma

Keystone Corridor Redevelopment – Area A
Wilson Avenue and Morrow Road
Sand Springs, Oklahoma



Welcome to the Oklahoma Corporation Commission's Well Data System.

Home

Well Name/Number

Well Name Well Number

API Number

API Number

Ex: 35003; 3500300001; 35003000010000

Location

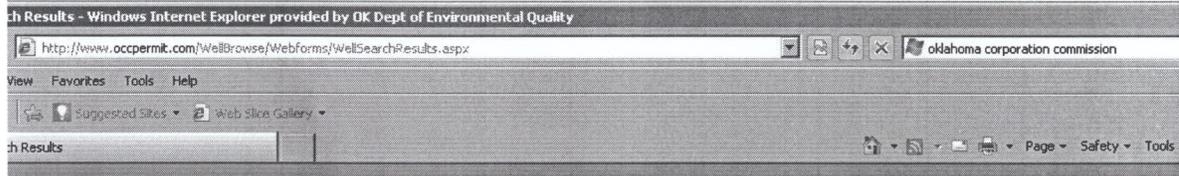
County Section Township Range Meridian Quarters

Ex: 29 Ex: 06S Ex: 13E Ex: M

Surface Hole Bottom Hole

Operator Name/Number

Operator Name Operator #



Oklahoma Corporation Commission
ENERGY • TRANSPORTATION • UTILITIES

Search Results

Home

API	Operator #	Well Name	Well #	Well Type	Status	SEC	TWP	RNG	M			
3504900351	9998	FEE	1		AC	7	3N	1E	Indian	NE4	NE4	SE4
3504900630	9998	BUTLER	1		PA	7	3N	1E	Indian	SW4	NW4	SW4
3504920704	9998	BUTLER	1	DRY	PA	7	3N	1E	Indian	SE4	NE4	NW4
3504920739	2331	BUTLER #2	1	DRY	PA	7	3N	1E	Indian	SE4	NE4	NW4
3504921453	10032	TRAHERN	1	OIL	PA	7	3N	1E	Indian	CSW4	NW4	NW4

AC - (active - completed & probably producing)

PA - (plugged & abandoned)

API	Operator #	Well Name	Well #	Well Type	Status	SEC	TWP	RNG	M			
3504900351	9998	FEE	1		AC	7	3N	1E	Indian	NE4	NE4	SE4
3504900630	9998	BUTTLER	1		PA	7	3N	1E	Indian	SW4	NW4	SW4
3504920704	9998	BUTLER	1	DRY	PA	7	3N	1E	Indian		SE4	NW4
3504920739	2331	BUTLER #2	1	DRY	PA	7	3N	1E	Indian	SE4	NE4	NW4
3504921453	10032	TRAHERN	1	OIL	PA	7	3N	1E	Indian	CSW4	NW4	NW4

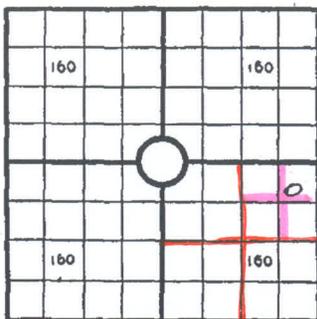
OIL & GAS CONSERVATION DEPARTMENT

OKLAHOMA CORPORATION COMMISSION

0 0 640 4 3 0 1 1 0 0 0 7

238.46
Form 1002
Fee

WELL RECORD



Locate well correctly

Mail to Corporation Commission, Oklahoma City, Oklahoma
 COUNTY GARVIN, SEC. 7, TWP. 3N, RGE. 1E
 COMPANY OPERATING PECOS VALLEY ALFALFA MILL COMPANY
 OFFICE ADDRESS Pauls Valley, Oklahoma
 FARM NAME Fee WELL NO. 1
 DRILLING STARTED 2-3, 1946 DRILLING FINISHED 2-18, 1946
 DATE OF FIRST PRODUCTION _____ COMPLETED _____
 WELL LOCATED NE $\frac{1}{4}$ - NE $\frac{1}{4}$ - SE $\frac{1}{4}$, North of South
~~Line and~~ _____ ft. East of West Line of Quarter Section
 Elevation (Relative to sea level) DERRICK FLOOR 880' GROUND _____
 CHARACTER OF WELL (Oil, gas or dryhole) Dryhole

OIL OR GAS SANDS OR ZONES

Name	From	To	Name	From	To
1			4		
2			5		
3			6		

Perforating Record If Any

Shot Record

Formation	From	To	No. of Shots	Formation	From	To	Size of Shot

CASING RECORD

Size	Wt.	Thds.	Make	Amount Set		Amount Pulled		Packer Record			
				Ft.	In.	Ft.	In.	Size	Length	Depth Set	Make
10 3/4"				238'							

Liner Record: Amount _____ Kind _____ Top _____ Bottom _____

CEMENTING AND MUDDING

Size	Amount Set		Sacks Cement	Chemical		Method of Cementing	Amount	Mudding Method	Results (See Note)
	Ft.	In.		Gal.	Make				
10 3/4"	238'		200						

Note: What method was used to protect sands if outer strings were pulled? _____

NOTE: Were bottom hole plugs used? _____ If so, state kind, depth set and results obtained _____

TOOLS USED

Rotary tools were used from Top feet to Bottom feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Type rig _____

INITIAL PRODUCTION TEST

Describe initial test: whether by flow through tubing or casing or by pumping _____

Amount of Oil Production _____ bbls. Size of choke, if any _____ Length of test _____ Water Production _____ bbls.
 Gravity of oil _____ Type of Pump if pump is used, describe _____

FORMATION RECORD

3118

Give detailed description and thickness of all formations drilled through and contents of sand, whether dry, water, oil or gas.

Formation	Top	Bottom	Formation	Top	Bottom
SAMPLES START AT	2,000				
Shale		2050			
Fine to medium white sand		2080			
Shale		2130			
Fine, tight, calcareous sand		2140			
Shale		2300			
Sandy lime, fossiliferous		2320			
Shale		2460			
Sandy lime		2500			
Shale		2595			
Gray lime		2600			
Shale		2625			
Brown lime		2630			
Shale		2650			
Fine, porous sand		2660			
Shale		2830			
Sandy lime and sand		2840			
Shale		3010			
Sand and lime, dead oil stain		3025			
Shale		3040			
Tight, calcareous sand, dead stain		3055			
Shale		3150			
Sandy lime		3170			
Shale		3275			
Lime		3280			
White porous sand		3300			
Shale		3490			
Sandy lime		3530			
Shale		3620			
Dolomitic lime with dead stain		3640			
Shale		3660			
Lime		3670			
Sandy lime		3685			
Calcareous sand and spotted stain		3710			
Shale		3730			
Dolomitic sand		3745			
Dense lime		3757			
BASE OF PENNSYLVANIAN - BROMIDE	3757				
Green shaley sand		3806			
McLISH SAND	3806				
Dense and dolomitic lime		3824			
Porous sand, spotted stain		3895			
Dolomite		3920			
Dolomitic sand, spotted stain		3979			
TOTAL DEPTH	3979				

CORE RECORD:

Cored 3764-69' - Recovered 2½ Feet.
Green, shaley sand and sandy dolomitic lime.

Cored 3811-19' - Recovered 2½ Feet.
Dense lime and coarsely crystalline dolomite.

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief. KENNETH A. ELLISON

By *Kenneth A. Ellison*
Name and title of representative of company
Associate Geologist.

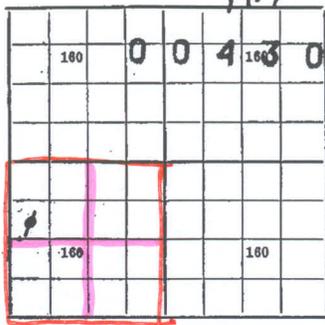
Subscribed and sworn to before me this 25th day of March, 1946.

My Commission expires June 4, 1946.

Thelmadora Livingston
Notary Public

360 ACRES

N 17.12



WELL RECORD

Mail to Corporation Commission, Oklahoma City, Oklahoma

COUNTY Garvin 7, SEC. 7, TWP. 3N, RGE. 1E
 COMPANY OPERATING Mid Continent Petroleum Corporation
 OFFICE ADDRESS Box 381, Tulsa, Oklahoma
 FARM NAME L. T. Butler WELL NO. 1
 DRILLING STARTED 11/29/35 19, DRILLING FINISHED 1/21/36 19
 WELL LOCATED SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ 1660 ft. North of South
 Line and 350 ft. East of West Line of Quarter Section.
 ELEVATION (Relative to sea level) DERRICK FLR. 886 GROUND.
 CHARACTER OF WELL (Oil, gas or dry hole) DRY HOLE

OIL OR GAS SANDS OR ZONES

Name	From	To	Name	From	To
1 Sand trace oil	3158	3155	4 Lime Arbuckle Dry	4975	5015
2 Sand " "	3615	3620			
3 Sand Wilcox Water	3887	3935			

WATER SANDS

Name	From	To	Water Level	Name	From	To	Water Level
1				4			
2				5			
3				6			

CASING RECORD

Size	Wt.	Thds.	Make	Amount Set		Amount Pulled		Size	Length	Depth Set	Make
				Ft.	In.	Ft.	In.				
12 5/8	54.5			294					54		

Linear Record: Amount Kind Top Bottom

CEMENTING AND MUDDING RECORD

Size	Amount Set		Sacks Cement	Chemical		Method of Cementing	Amount	Mudding Method	Results (See Note)
	Feet	In.		Gal.	Make				
12 5/8	294		400			Halliburton			

NOTE: What method was used to protect sands when outer strings were pulled?

NOTE: Were bottom hole plugs used? If so, state kind, depth set and results obtained

Plugged & abandoned

TOOLS USED

Rotary tools were used from 0 feet to 5015 feet, and from _____ feet to _____
 Cable tools were used from _____ feet, to _____ feet, and from _____ feet to _____
 Type Rig 122' Steel

PRODUCTION DATA

Production first 24 hours DRY bbls. Gravity _____ Emulsion _____ per cent., Water _____ per cent
 Production second 24 hours _____ bbls. Gravity _____ Emulsion _____ per cent., Water _____ per cent
 If gas well, cubic per 24 hours _____ Rock Pressure, lbs, per square inch _____

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

MID CONTINENT PETROLEUM CORPORATION

Name and title of representative of company

Subscribed and sworn to before me this the 29th day of January, 1936

My Commission expires August 14, 1936

Pearl Wagner
Notary Public.

FORMATION RECORD

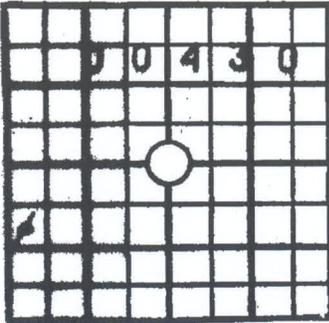
Give detailed description and thickness of all formations drilled through and contents of sands, whether dry, water, oil or gas

Formation	Top	Bottom	Formation	Top	Bottom
sandy shale	0	60	sand & shale	4363	4378
sand	60	125	lime & shale	4378	4402
sandy shale & red bed	125	325	lime	4402	4406
sandy shale	325	715	sand	4406	4410
red bed, shale & shells	715	1065	sand green	4410	4475
shale & shells	1065	1245	shale	4475	4496
red bed	1245	1455	shale & lime	4496	4518
shale & shells	1455	1705	broken lime & shale	4518	4534
red bed	1705	1880	sandy lime	4534	4552
red bed & shells	1880	2025	sand no show	4552	4586
shale & shells	2025	2188	sandy lime	4586	4596
shaley sand & shells	2188	2238	shale	4596	4602
shale	2238	2383	lime	4602	4618
sandy lime	2383	2420	sandy lime & shale	4618	4684
shale & shells	2420	2490	shale	4684	4690
shale sand & shells	2490	2570	shale & lime	4690	4704
shale & shells	2570	2705	shale	4704	4722
shale sand & shells	2705	2765	shale & lime	4722	4750
shale	2765	2908	sandy lime	4750	4788
sand	2908	2915	sandy shale	4788	4796
shale & sandy shells	2915	2950	sand no show	4796	4835
sand	2950	2958	sand & shale	4835	4863
shale	2958	3069	sand no show	4863	4870
shale	3069	3094	sandy lime	4870	4883
shale & lime	3094	3138	lime & sand	4883	4893
sand trace black oil	3138	3155	lime	4893	4940
shale & shells	3155	3190	sandy lime	4940	4993
lime	3190	3210	lime	4993	5007
shale	3210	3233	sandy lime	5007	5015 T.D.
lime	3233	3243			
sandy lime & shale	3243	3290			
shale & shells	3290	3358			
sandy shale	3358	3395			
sand	3395	3430			
shale	3430	3480			
red bed & sandy shale	3480	3505			
shale & shells	3505	3543			
shale & sandy lime	3543	3588			
shale	3588	3610			
lime	3610	3615			
sand trace oil	3615	3620			
shaley lime & shale	3620	3630			
shale	3630	3738			
broken lime	3738	3825			
sandy lime	3825	3840			
sqnd hard	3840	3852			
sandy lime	3852	3887			
Sand Wilcox Water	3887	3935			
shale	3935	3941			
sand	3941	3945			
sandy lime	3945	3960			
sand	3960	3965			
sand, shale & lime	3965	4005			
shale & shells	4005	4020			
sandy shale	4020	4070			
sand no show	4070	4080			
dolomite	4080	4095			
"	4095	4151			
broken lime & shells	4151	4180			
sand & shale	4180	4186			
sandy shale	4186	4236			
shale & sandy lime	4236	4270			
shale & lime	4270	4280			
shale & shells	4280	4313			
sandy lime	4313	4363			

CORE RECORD

3143-3151 $\frac{1}{2}$	Recovered	8"	sand show black oil
3620-3630	"	8 $\frac{1}{2}$ "	lime & shale
3890-3900	"	8 $\frac{1}{2}$ "	sand no show
3900-3910	"	7 $\frac{1}{2}$ "	sand no show
4106-4121	"	15'	Dolomite
4180-4186	"	6'	sand & green shale
			no show
4270-4280	"	9'	broken lime
4363-4378	"	13 $\frac{1}{2}$ "	sand & shale
4410-4425	"	9'	green sand & dolomite
4489-4493	"	3 $\frac{1}{2}$ "	shale
4555-4568	"	13 $\frac{1}{2}$ "	sand No show
4568-4586	"	14 $\frac{1}{2}$ "	sand No show
4800-4813	"	2'	sand No show
4865-4870	"	4 $\frac{1}{2}$ "	sand No show

MAIL TO CORPORATION COMMISSION
Oil & Gas Conservation Department
Oklahoma City, Oklahoma



LOCATE WELL CORRECTLY

NOTICE: All questions on this form must be satisfactorily answered.

Company Operating Mid Continent Petroleum Corporation
Office Address Box 381, Tulsa, Oklahoma
County Garvin Sec 7 Twp 5N Range 12E
Farm Name L.F. Butler Well No. 1 Field _____
Character of Well (whether oil, gas or dry) DRY

Commenced Plugging Jan. 21, 1936 Finished Jan. 22, 1936 Total Depth 5015

Was permission obtained from the Corporation Commission or its agents before plugging was commenced? Yes

Name of Conservation Officer who supervised plugging of this well Mr. R.W. King-Box 448-Duncan, Okla.

Name of producing sand _____ Depth top _____, Bottom 5015

Show depth and thickness of all fresh water, oil and gas formations.

SAND OR ZONE RECORDS

CASING RECORDS

Formation	Content	From	To	Size	Put In	Pulled Out
Sand	Trace oil	3138	3155	13 5/8"	294'	
Sand	" "	3615	3620			
Sand Shale	Water	3887	3935			
Sand Shale	Dry	4933	5015			

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed:

Hole filled with mud laden fluid. Cemented at 3960 with 75 sacks cement; Cemented at 500'
with 30 sacks cement; cemented at surface with 12 sacks cement; 13 5/8" casing ball placed.

Does the above conform strictly to the oil and gas regulations? Yes

The Law requires that adjacent lease, royalty and land-owners be notified; give their names with their address below:

Mrs. L.F. Butler, Peals Valley, Oklahoma

0189

REMARKS: Why plugged? DRY Hole If abandoned oil or gas well, state amount and date of last production.

Correspondence regarding this well should be addressed to Mid Continent Petroleum Corporation,

Box 381, Tulsa, Oklahoma.

Address _____

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to best of my knowledge and belief.

Name and title of representative of company.

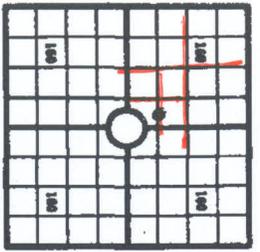
Subscribed and sworn to before me this the 29th day of JANUARY 1936

My Commission expires August 14, 1936

Paul Wagner
Notary Public.

FARM NAME Butler WELL NO. 1 COUNTY Garvin SEC 7 TWP 3N RGE 1E

API NO. 0922204 OIL AND GAS CONSERVATION DIVISION
 380 Jim Thorpe Building - Oklahoma City, Oklahoma 73105
 COUNTY Garvin, SEC 7, TWP 3N, RGE 1E
 LEASE NO. 1E



COMPANY OPERATING Keith F. Walker
 OFFICE ADDRESS Box 1725
 TOWN Ardmore STATE Oklahoma ZIP 73401
 FARM NAME Butler WELL NO. 1
 DRILLING STARTED 12-28-73 LING FINISHED 1-14-74
 DATE OF FIRST PRODUCTION None COMPLETED 1-12-74
 WELL LOCATED E. 1/2, S.E. 1/4, NW 1/4, North of South
 Line and 2310 ft. East of West Line of Quarter Section
 Elevation (Relative to sea level) DERRICK FLOOR Ground
 CHARACTER OF WELL (Oil, gas or dryhole) Dryhole
 LOCATE WELL CORRECTLY AND OUTLINE LEASE

OIL OR GAS SANDS OR ZONES

Name	From	To	Name	From	To
1 None			4		
2			5		
3			6		

CASING - PACKER RECORD

Size	Wgt.	Thirds	Grade	Ft.	In.	Size	Length	Depth Set	Make
10 3/4	33	8RD	J55			368			

CEMENT AND MUDDING

Casing Set	Cement	Chemical	Method of Cementing	Casing Test (Rule 206)	Boiling P.S.I.	Fluid Build-up - Ft.
10 3/4	368	375	Circulate	HOWCO	1000	

NOTE: What method was used to protect sands if outer strings were pulled? Not pulled

NOTE: Were bottom hole plugs used? — If so, state kind, depth set and results obtained —

TOOLS USED

Rotary tools were used from 0 Feet to 4568 feet to
 Cable 7-7/8"

INITIAL PRODUCTION TEST (Rule 2-101)

Producing thru: Casing Tubing Size of Choke
 Duration — hrs., Pumping Flowing
 Oil Production — Bbls, A.P.I. Gravity —
 Gas Production — MCF, Open Flow Potential — MCF
 Water Production — Bbls, Gas-Oil Ratio —
 Casing Pressure — P.S.I., Tubing Pressure — P.S.I.

Give volume of gas, dry, water, oil or gas

Formation	Top	Bottom	Formation	Top	Bottom
Sand & Shale	0	1290			
Shale w/sand streaks	1290	2470			
Sand & Shale	2470	3720			
Broken Sandstone	3720	3939			
Lime & Shale	3939	4010			
Sandstone	4010	4052			
Lime & Shale	4052	4124			
Sandstone	4124	4230			
Shale w/sand & Lime	4230	4551			
Streaks	4551	4568			
Sandstone	4568				
T. D.					

RECEIVED
 OIL & GAS CONSERVATION DIVISION
 JAN 25 1974
 OKLAHOMA CORPORATION
 COMMISSION

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and the best of my knowledge and belief.

Subscribed and sworn before me this 23rd day of JANUARY, 19 74
Paul B. Beck Supt.
 Name and title of representative of company

My Commission expires 5-31-74

Maie J. Lawrence

RECEIVED

P74-00002 PLUGGING RECORD (RULE 3-405)

OKLAHOMA CORPORATION COMMISSION

Oil and Gas Conservation Division 380 Jim Thorpe Building Oklahoma City, Oklahoma 73105

OIL AND GAS DIVISION

JAN 25 1974

OKLAHOMA CORPORATION COMMISSION DUNCAN DISTRICT

NOTICE: All questions on this form must be satisfactorily answered and mailed to applicable Conservation District Office in duplicate and within 15 days after plugging is completed.

Company Operating Keith F. Walker

Office Address Box 1725, Ardmore, Okla. ZIP 73401

County Garvin Sec. 7 Twp. 3N Range 1E

Location in Section E/2 1/4 SE 1/4 NW 1/4

Farm Name Butler Well No. 1 Field Wildcat

Character of Well (whether oil, gas or dry) dry

Commenced Plugging 1-12-74 Finished 1-12-74 Total Depth 4568

Was permission obtained from the Corporation Commission or its agents before plugging was commenced Yes

Name of CC Field Inspector Arnold Parks Perforations: None

Signature of CC District Manager [Signature] C. C. District No.

Name of producing sand None Depth top Bottom

Show depth and thickness of all fresh water, oil and gas formations. Oklahoma Tax Commission Assigned Lease No.

SAND OR ZONE RECORDS

CASING RECORDS

Table with 7 columns: Formation, Content, From, To, Size, Put In, Pulled Out. Row 1: 10-3/4, 368, 0

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed:

Fill hole with drilling mud. Spot cement plug from 1230' to 1330'. Spot cement plug 50' below and 50' above bottom of surface pipe. Fill top 30' of surface with cement. Cement plug top of mousehole and rathole.

Does the above conform strictly to the oil and gas regulations?

The Law requires that adjacent lease, and land-owners be notified; give their names with their addresses below:

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JAN 28 1974

REMARKS: Why plugged? Dry If abandoned oil or gas well, state amount and date of abandonment

OKLAHOMA CORPORATION COMMISSION

Plugging Contractor's Name & Address Dowell - Pauls Valley, Okla. Plugging Permit No.

Correspondence regarding this well should be addressed to Keith F. Walker

Address Box 1725, Ardmore, Oklahoma 73401

I, the undersigned, being duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

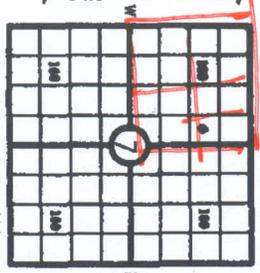
[Signature] Supt. Name and title of representative of company

Subscribed and sworn to before me this the 23rd day of January, 1974

Commission expires 5-31-74

[Signature] Notary Public

FARM NAME Butler #2 WELL NO. 1 COUNTY Garvin SEC 36 TWP 3N RGE 1E



API NO. 00910739 OIL AND GAS CONSERVATION DIVISION
 380 Jim Thorpe Building - Oklahoma City, Oklahoma 73105
 COUNTY Garvin, SEC 7, TWP 3N, RGE 1E
 COMPANY OPERATING Westheimer-Neustadt Corp.
 OFFICE ADDRESS: P.O. Box 788
Town Ardmore, Oklahoma STATE Okl. ZIP 73401
 FARM NAME Butler #2 WELL NO. 1
 DRILLING STARTED 8/29/44 DRILLING FINISHED 9/9/44

LOCATE WELL CORRECTLY AND OUTLINE LEASE
 ORDER NO. Oil Creek #2 OIL OR GAS SANDS OR ZONES
 Name Oil Creek #2 From To
 1 none From To
 2 none From To
 3 none From To
 Performing Record If Any Shot Record
 Formation From To No. of Shots Formation From To Size of shot
 none From To From To
 CHARACTER OF WELL (Oil, gas or dryhole) dry hole

Size	Wgt.	Thrd.	Grade	Ft.	In.	Size	Length	Depth Set	Make
8-5/8	28	8rd	Used	409		NONE			

Size	In.	Secks	Fill-up	Top	Gals.	Make	Method of Cementing	Pressure P.S.I.	Fluid Build-up - Ft.
5/8	409	315	100%	Surf	2%	CACT	Dump	200	

NOTE: What method was used to protect sands if outer strings were pulled?
 NOTE: Were bottom hole plugs used? not plugged yet
 TOOLS USED
 Rotary tools were used from 0 Feet to 4524 Cable tools were used from feet to 7-7/8"
 Size of hole drilled: Rotary 7-7/8" Cable
 Date Duration hrs., Pumping Flowing
 Producing thru: Casing , Tubing Size of Choke
 Oil Production Bbls, A.P.I. Gravity
 Gas Production MCF, Open Flow Potential MCF
 Water Production Bbls, Gas-Oil Ratio
 Casing Pressure P.S.I.A., Tubing Pressure P.S.I.A.

Formation	Top	Bottom	Formation	Top	Bottom
Shale	408	430	Shale	3550	3655
Sand	430	445	Lime(Hogshooter)	3655	3685
Shale	445	620	Shale & Sdy Lime	3685	3745
Sand	620	640	Sand(Checkerboard)	3745	3767
Shale	640	1200	Lime & Shale	3767	3820
Sand	1200	1225	Sand (Bromide)	3820	3875
Shale	1225	1280	Shale & Lime	3875	3940
Sand	1280	1330	Sand (M. McLish)	3940	3990
Shale	1330	1465	Lime	3990	4068
Sand	1465	1500	Sand (B. McLish)	4068	4174
Shale	1500	1625	Shale(011 Creek)	4174	4512
Sand	1625	1635	Sand (B.011 Creek)	4512	4524
Shale	1635	1920			
Lime	1920	1930			
Shale	1930	2220			
Sand	2220	2235			
Shale	2235	2265			
Sand	2265	2500			
Shale	2500	2640			
Sand	2640	2675			
Shale	2675	2770			
Shale & Sand	2770	2860			
Sand (Elgin)	2860	2895			
Shale	2895	3010			
Sand (U. Tonkawa)	3010	3028			
Sdy Lime & Shale	3028	3140			
Shale (Hoxbar)	3140	3210			
Sand	3210	3225			
Shale	3225	3260			
Sand	3260	3280			
Shale & Lime	3280	3330			
Sand	3330	3360			
Shale	3360	3368			
Lime	3368	3373			
Shale	3373	3535			
Sand	3535	3550			

Give detailed description and thickness of all formations drilled through, contents of sand, whether dry, water, oil or gas
 I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and the best of my knowledge and belief.
 Subscribed and sworn before me this 26th day of November, 19 74
 My Commission expires 5/17/75
James H. Hark Prod. Mgr.
 Name and title of representative of company
OKLAHOMA CORPORATION
COMMISSION
DEC - 2 1974
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OIL & GAS CONSERVATION DIVISION

PLUGGING RECORD

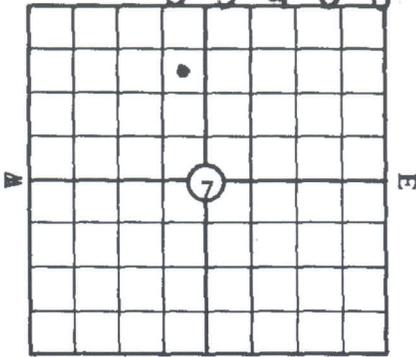
(RULE 3-405)

OKLAHOMA CORPORATION COMMISSION

Oil and Gas Conservation Division
380 Jim Thorpe Building
Oklahoma City, Oklahoma 73105

P74-03891

NO 430110007



Locate Well Correctly
and Outline Lease

NOTICE: All questions on this form must be satisfactorily answered and mailed to applicable Conservation District Office in duplicate and within 15 days after plugging is completed.

Company Operating Westheimer-Neustadt Corporation
 Office Address P.O. Box 788, Ardmore, Okla. ZIP 73401
 County Garvin Sec. 7 Twp. 3N Range 1E
 Location in Section SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$
 Farm Name #2 Butler Well No. 1 Field Wildcat
 Character of Well (whether oil, gas or dry) dry hole

Commenced Plugging 12/3/74 Finished 12/3/74 Total Depth 4524'

Was permission obtained from the Corporation Commission or its agents before plugging was commenced yes

Name of CC Field Inspector Arnold Park Perforations: none

Signature of CC District Manager [Signature] C. C. District No. _____

Name of producing sand none Depth top _____ Bottom _____

Show depth and thickness of all fresh water, oil and gas formations. Oklahoma Tax Commission Assigned Lease No. _____

RECEIVED

SEAL OR ZONE RECORDS

CASING RECORDS

OIL AND GAS DIVISION	Content	From	To	Size	Put In	Pulled Out
<u>DEC - 6 1974</u>	<u>Fresh water</u>	<u>30</u>	<u>65</u>	<u>8-5/8</u>	<u>409'</u>	<u>none</u>
<u>OKLAHOMA CORPORATION COMMISSION DUNCAN DISTRICT</u>						<u>DEC - 5 1974</u>

RECEIVED
OIL & GAS CONSERVATION DIVISION

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the methods used to plug the well into the hole. If cement or other plugs were used, state the character of same and depth placed:

Mud from reserve pit pumped into open hole section from 409' to 4524'. 80 sks common cement pumped down 8-5/8" csg. with bottom of cement at 564' and top at 300'. Cement displaced with fresh water. 10 sks placed in top from 0' to 31' - Csg. cut off 3' below G.L. and cap welded on.

Does the above conform strictly to the oil and gas regulations? yes

The Law requires that adjacent lease, and land-owners be notified; give their names with their addresses below:

<u>G.E. Trahern</u>	<u>Darold J. Butler</u>	<u>Willie Mae Joiner</u>	<u>Keith F. Walker</u>
<u>827 Pine</u>	<u>West of City</u>	<u>1208 Bilford Ave.</u>	<u>P.O. Box 1725</u>
<u>Pauls Valley, Okla.</u>	<u>Pauls Valley, Okla.</u>	<u>Okla. City, Okla.</u>	<u>Ardmore, Okla.</u>

1284E 1st Natl. Cen
Okla. City, Okla.

REMARKS: Why plugged? dry hole If abandoned oil or gas well, state amount and date of last production _____

Plugging Contractor's Name & Address Halliburton, Pauls Valley, Oklahoma

Correspondence regarding this well should be addressed to Westheimer-Neustadt Corporation

Address P. O. Box 788, Ardmore, Oklahoma 73401

I, the undersigned, being duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

By: Jess Storts Production Mgr.
Name and title of representative of company

Subscribed and sworn to before me this 3rd day of December, 19 74

Commission expires May 17, 1975.

[Signature]
Notary Public

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OIL & GAS CONSERVATION DIVISION

DEC - 5 1974

OKLAHOMA CORPORATION COMMISSION

049-65-108

Form 1002A
Rev. 10/79

OKLAHOMA CORPORATION COMMISSION
OIL AND GAS CONSERVATION DIVISION

OTC COUNTY
LEASE NO.

APR NO. 04921453
640 Acres

APR NO.

COUNTY Garvin Sec. 7 TWP. 3N RGE. 1E

COMPANY OPERATING Heartland Exploration Inc.

OFFICE ADDRESS 200 N. Harvey, Suite 1602

TOWN Oklahoma City STATE/ZIP OK 73102 4074

FARM NAME Trahern WELL NO. 1

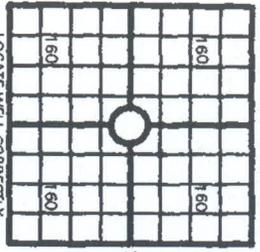
DRILLING STARTED 10-30-80 DRILLING FINISHED 11-7-80

DATE OF FIRST PRODUCTION 11-24-80 COMPLETED 11-22-80

WELL LOCATED L 1/4 SW 1/4 NW 1/4 NW

1650 FT. FROM SL. OF 1/4 SEC. & 330 FT. FROM WL. OF 1/4 SEC.

ELEVATION: DERRICK FLOOR 892 GROUND 884



TYPE COMPLETION

Single Zone X Order No. _____

Multiple Zone _____ Order No. _____

Commingled _____ Order No. _____

LOCATION EXCEPTION _____ Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To
Layton	3871	3882			

CASING & CEMENT

Size	Wgt.	Grade	Casing Set		Cement		
			Feet	Psi	Sax	Fillup	Top
8 5/8"	28		218	200	218'	Surface	
4 1/2"	9.5	K	3936	250	937'	3000'	

TOTAL DEPTH 3937'

PACKERS SET

Depth _____

AMENDED January 21, 1982

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	SPACING & SPACING ORDER NO.	CLASSIFICATION (Oil, Gas, Dry, Inj, Well)	PERFORATED	INTERVALS	ACIDIZED?	FRACTURE TREATED?
Layton	Unspaced	OIL	3872	3881	No	No
			to	w/18 shots		

INITIAL TEST DATA

Date	Oil-bbl./day	Oil Gravity	Gas-Cu. Ft./day	Gas-Oil Ratio Cu. Ft./Bbl.	Water-Bbl./day	Pumping or flowing	CHOKE SIZE	FLOW TUBING PRESSURE
2-21-81	10	39°	100,000 CF	10,000	Trace	Flowing	14/64"	120 psi

A record of the formations drilled through, and pertinent remarks are presented on the reverse.

(OVER)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and the best of my knowledge and belief.

Telephone 405/236-8038

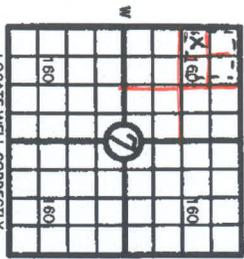
Samuel R. Reed Vice-President
Name and title of representative of company

Subscribed and sworn before me this 21 day of January, 1982

OKLAHOMA CORPORATION COMMISSION
OIL AND GAS CONSERVATION DIVISION
Jim Thorpe Building / Oklahoma City, Oklahoma 73105

OTC COUNTY
LEASE NO.

API NO. 04921453
640 Acres
APR NO. 04921453
COUNTY Gartley SEC. 7 TWP. 3N RGE. 1E
COMPANY OPERATING Heartland Exploration
OFFICE ADDRESS 200 N. Harvey, Suite 1602
TOWN Oklahoma City STATE/ZIP OK 73102
FARM NAME Trahern WELL NO. 1



LOCATE WELL CORRECTLY
AND OUTLINE LEASE

DRILLING STARTED 10-30-80 DRILLING FINISHED 11-7-80
DATE OF FIRST PRODUCTION 11-24-80 COMPLETED 11-22-80
WELL LOCATED L 1/4 SW 1/4 NW 1/4 NW
ELEVATION: DERRICK FLOOR 892 GROUND 884
1650 FT. FROM SL. OF 1/4 SEC. & 330 FT. FROM WL. OF 1/4 SEC.

TYPE COMPLETION X
Single Zone _____ Order No. _____
Multiple Zone _____ Order No. _____
Commingled _____ Order No. _____
LOCATION EXCEPTION _____ Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To
Dolomitic Sand	3871	3882			
0					
0					

CASING & CEMENT

Size	Wgt.	Casing Set		Cement		
		Grade	Feet	Psi	Sax	Fillup
8 5/8"	28		218	200	218'	Surface
4 1/2	9.5	K	3936	250	937'	3000'
0						

TOTAL DEPTH 3937'

PACKERS SET

Depth _____
Make _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

1 2 3

FORMATION	SPACING & SPACING ORDER NO.	CLASSIFICATION (Oil; Gas; Dry; Inj; Well)	PERFORATED	INTERVALS	ACIDIZED?	FRACTURED TREATED?
Dolomitic Sand	Unspaced	Oil	3872 to 3881	w/18 shots	NO	NO

INITIAL TEST DATA

Date	Oil-bbl./day	Oil Gravity	Gas-Cu. Ft./day	Water-Bbl./day	Pumping or flowing	CHOKE SIZE	FLOW TUBING PRESSURE
2-21-81	10	39°	not tested CF	Trace	Flowing	14/64"	120 psi

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (OVER)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and the best of my knowledge and belief.

Telephone 405-234-8038

Name and title of representative of company Leavitt M. Ross

Subscribed and sworn before me this 26 day of February, 1981

My commission expires March 1982

Margaret Campbell

PLUGGING RECORD

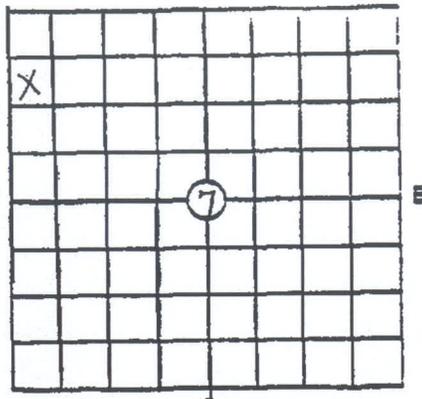
(RULE 3-405)

OKLAHOMA CORPORATION COMMISSION
Oil and Gas Conservation Division
227 Jim Thorpe Building
Oklahoma City, Oklahoma 73102

DISTRICT III
P85-00005

NOV 30 1984

OKLAHOMA CORPORATION COMMISSION



NOTICE: All questions on this form must be satisfactorily answered and mailed to applicable Conservation District Office in duplicate and within 15 days after plugging is completed.

Company Operating Heartland Exploration, Inc. OTC No. 049-65108
Office Address Park Harvey Center/Suite 1602/200 N. Harvey/Oklahoma City, Okla.

County Garvin Sec. 7 Twp. 3N Range 1E

Location in Section SW 1/4 NW 1/4 NW 1/4 API No. 04921453

Farm Name Trahern Well No. #1 Field _____

Character of Well (whether oil, gas, dry, injection or disposal) oil

Commenced Plugging 11-08-84 Finished 11-13-84 Total Depth 3937

Have you filed a 1002A? Yes If not, a 1002A MUST BE attached.

Was permission obtained from the Corporation Commission or its agents before plugging was commenced yes

Name of CC Field Inspector John Kennedy Perforations: 3872-3871

Signature of CC District Manager [Signature] C. C. District No. 3

Name of producing formation Wimberly Depth top 3870' Bottom 3880'

SAND OR ZONE RECORDS

CASING RECORDS

Formation	Content	From	To	Size	Put In	Pulled Out
<u>Wimberly</u>	<u>Oil</u>	<u>3870'</u>	<u>3880'</u>	<u>8 5/8</u>	<u>218</u>	<u>-0-</u>
				<u>4 1/2</u>	<u>3,936</u>	<u>2,923</u>

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed:

11-09-84 Pumped 35 sx cement to 3785 ft, 11-13-84 Pumped 105 sx cement from 118 to 418 ft,

11-13-84 Capped 8 5/8 surface with 10 sx cement from 4 to 34 ft, Welded steel plate with name and date on top.

Does the above conform strictly to the oil and gas regulations? Yes

Rule 3-402 requires operators of offset leases-owners be notified: give their names with their addresses below:
Shea Oil & Gas, P.O. Box 20840, OKC, Ok. 73156

REMARKS: Why plugged? _____ If abandoned oil or gas well, state amount and date of last production _____

Plugging Contractor's Name & Address Jerry Dunkin, Inc./P.O. Box 389/Enid, Ok. 73702 Plugging Permit No. 457

Correspondence regarding this well should be addressed to same as above

Address _____

I, the undersigned, being duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Subscribed and sworn to before me this 29th day of November 19 84

Commission expires March 3, 1985
Joe Campbell, Geologist
Name and title of representative of company
Arlley Williams
Notary Public

8-T3N-R1E

Oklahoma Corporation Commission - Electronic Well Data

Oklahoma Corporation Commission
ENERGY • TRANSPORTATION • UTILITIES

Welcome to the Oklahoma Corporation Commission's Well Data System.

Home

Well Name/Number

Well Name Well Number

API Number

API Number

Ex: 35003; 3500300001; 35003000010000

Location

County Section Township Range Meridian Quarters

Ex: 29 Ex: 06S Ex: 13E Ex: M

Surface Hole Bottom Hole

Operator Name/Number

Operator Name Operator #

Well Search Results - Windows Internet Explorer provided by OK Dept of Environmental Quality

http://www.ocpermit.com/WellBrowse/Webforms/WellSearchResults.aspx

Well Search Results

Oklahoma Corporation Commission
ENERGY • TRANSPORTATION • UTILITIES

Well Search Results

Home

API	Operator #	Well Name	Well #	Well Type	Status	SEC	TWP	R1G	M
3504920860	9998	THOMPSON	4	DRY	PA	8	3N	1E	Indian S2 N2 NW4 NE4

PA - (plugged & Abandoned)

API	Operator #	Well Name	Well #	Well Type	Status	SEC	TWP	RNG	M										
3504920880	9998	THOMPSON	4	DRY	PA	8	3N	1E	Indian	S2	N2	NW/4	NE4						

0.430110008

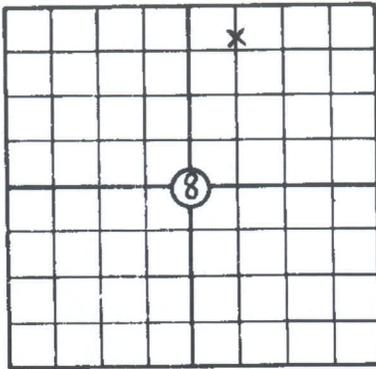
PLUGGING RECORD

(RULE 3-405)

OKLAHOMA CORPORATION COMMISSION

Oil and Gas Conservation Division
380 Jim Thorpe Building
Oklahoma City, Oklahoma 73105

NOTICE: All questions on this form must be satisfactorily answered and mailed to applicable Conservation District Office in duplicate and within 15 days after plugging is completed.



Locate Well Correctly and Outline Lease

4-15-76

Company Operating Wm. J. O'Connor
1450 United Founders Tower Oklahoma City, Ok. 73112
Office Address 210

County Garvin Sec. 8 Twp. 3N Range 1E
S $\frac{1}{2}$ N $\frac{1}{2}$ NW NE

Location in Section S $\frac{1}{2}$ N $\frac{1}{2}$ NW NE $\frac{1}{4}$ $\frac{1}{4}$

Farm Name Thompson Well No. 4 Field Pauls Valley
Townsite

Character of Well (whether oil, gas or dry) Dry (new)
4-15-76 4406'

Commenced Plugging _____ Finished _____ Total Depth _____
Yes

Was permission obtained from the Corporation Commission or its agents before plugging was commenced _____

Name of C.C. Field Inspector Arnold Park Perforations: _____

Signature of C.C. District Manager [Signature] C. C. District No. _____

Name of producing sand _____ Depth top _____ Bottom _____

Show depth and thickness of all fresh water, oil and gas formations. Oklahoma Tax Commission Assigned Lease No. _____

SAND OR ZONE RECORDS

CASING RECORDS

Formation	Content	From	To	Size	Put In	Pulled Out
				8-5/8	313.29	

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed:

50 sacks of cement was placed at a depth of 363' bringing cement up to 263', 20 sacks was placed in top 30' of surface pipe. 5 sacks cement in rat hole. Plug down @ 3:30 PM 4-15-76.

Does the above conform to Oklahoma oil and gas regulations? _____

Rule 3-402 requires operators of offset leases - owners be notified; give their names and their addresses below _____

RECEIVED

APR 30 1976

RECEIVED

RECEIVED

OIL & GAS CONSERVATION DIVISION

REMARKS: Why plugged? _____ If abandoned oil well, state amount and date of last production _____

Plugging Contractor's Name & Address _____ Plugging Permit No. _____

Correspondence regarding this well should be addressed to _____

Wm. J. O'Connor 1450 United Founders Tower
Oklahoma City, Oklahoma 73112

I, the undersigned, being duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Subscribed and sworn to before me this the 19th day of April, 1976

Commission expires 5-28-78 [Signature] Public