

Phase 1

# **TARGETED BROWNFIELD ASSESSMENT**

**For The**

## **PAULS VALLEY ARMORY**

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

Prepared by:



7/07/11

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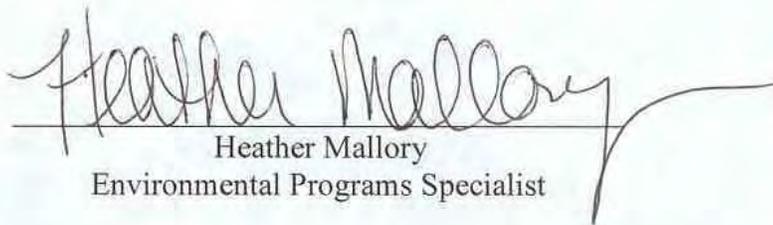
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I declare that to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of this part. I have specific qualifications based on education, training, and experience to assess 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.

## Table of Contents

1.0	EXECUTIVE SUMMARY .....	6
2.0	INTRODUCTION .....	7
2.1	Purpose .....	8
2.2	Detailed Scope-of-Services .....	8
2.3	Significant Assumptions .....	8
2.4	Limitations and Exceptions .....	9
2.5	Special Terms and Conditions .....	9
3.0	SITE CHARACTERIZATION AND HISTORY .....	9
3.1	Location and Legal Description .....	9
3.2	Site and Vicinity Characterization .....	10
3.3	Description of Structures, Roads, and Other Improvements .....	11
3.4	Owner, Property Manager, and Occupant Information .....	11
3.5	Information Reported by User Regarding Environmental Lien or Specialized Knowledge or Experience .....	11
3.6	Commonly Known or Reasonably Ascertainable Information .....	11
3.7	Valuation Reduction for Environmental Issues .....	12
3.8	Current Use of the Property .....	12
3.9	Past Use of the Property .....	12
3.9.1	Review of Aerial Photographs .....	12
3.9.2	Fire Insurance Maps .....	13
3.10	Current and Past Uses of Adjoining Properties .....	13
3.11	Environmental (Physical) Setting .....	14
3.11.1	Surface Water Characteristics .....	14
3.11.2	Soil Characterization .....	15
3.11.3	Subsurface Geological & Groundwater Characteristics .....	15
3.11.4	Air Characteristics .....	16
4.0	RECORDS REVIEW .....	16
4.1	Federal National Priorities List (NPL) .....	16
4.2	Federal CERCLIS List .....	17
4.3	Federal RCRA CORRACTs List .....	17
4.4	Federal RCRA non-CORRACTS TSD List .....	17
4.5	Federal RCRA Generators List .....	17
4.6	Federal ERNS List .....	17
4.7	Federal Institutional Control/Engineering Control Registries .....	17
4.8	State-Equivalent NPL .....	18
4.9	State-Equivalent CERCLIS .....	18
4.10	State Landfill and / or Solid Waste Disposal Sites .....	18
4.11	State Leaking UST List .....	18
4.12	State Registered UST Sites .....	19
4.13	State Institutional Control/Engineering Control Registries .....	20
4.14	State Voluntary Cleanup Sites .....	20

4.15	State Brownfield Sites.....	20
4.16	Oil and Gas Records .....	20
5.0	SITE RECONNAISSANCE AND INTERVIEWS .....	21
5.1	Methodology and Limiting Conditions .....	21
5.2	General Site conditions .....	21
5.3	External Observations .....	24
5.4	Internal Observations .....	24
5.5	Interviews.....	25
6.0	FINDINGS.....	25
7.0	OPINION AND RECOMMENDATIONS.....	28
8.0	DATA GAPS .....	29
9.0	CONCLUSIONS.....	30
10.0	ADDITIONAL SERVICES.....	30
11.0	DEVIATIONS .....	30
12.0	REFERENCES .....	30
13.0	APPENDICES .....	32
	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	

## 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 TPH<sup>28</sup> 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)<sup>1</sup> 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)<sup>2</sup>, better known as Superfund, as provided in the Small Business Relief and Brownfield Revitalization Act of 2002 (Public Law 107-118, Subtitle B)<sup>3</sup>. 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)<sup>4</sup> 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 Grimmatt, Pauls Valley Historian, the heavy mortar company of the 179<sup>th</sup> Infantry Regiment of the 45<sup>th</sup> 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 map<sup>5</sup> 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 Libraries<sup>6</sup>. 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 Viewer<sup>7</sup>. 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 website<sup>8</sup>. 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 Grimmer<sup>9</sup>, 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 Office<sup>10</sup>, 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 Map<sup>5</sup> 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)<sup>11</sup>, 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, Oklahoma<sup>12</sup>, 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)<sup>13</sup>, 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's<sup>7</sup> 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 database<sup>14</sup> 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 database<sup>15</sup> 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)<sup>16</sup> 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 database<sup>17</sup> 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<sup>17 & 18</sup> 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 database<sup>19</sup> 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)<sup>20</sup> 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 database<sup>21</sup> 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 Viewer<sup>22</sup> 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 Database<sup>23</sup> 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) database<sup>24</sup> and the DEQ Dataviewer<sup>7</sup> 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 database<sup>25</sup> 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 website<sup>26</sup>. 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 phone<sup>27</sup>. 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 Viewer<sup>22</sup>, 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 boundry 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 phone<sup>27</sup>. 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 report<sup>9</sup>. 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. Giboney<sup>10</sup> 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)<sup>4</sup> 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)<sup>2</sup>, as provided in the Small Business Relief and Brownfield Revitalization Act of 2002 (Public Law 107-118, Subtitle B)<sup>3</sup>.

## 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.
4. ASTM International. (2005) *Water and Environmental Technology: Phase I Environmental Site Assessment E 1527-05*. Baltimore, Maryland.

5. U.S. Geological Survey. (2009) 7.5' Quadrangle Topographical Map of Pauls Valley, OK. <http://www.usgs.gov/>
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/](http://maps.deq.ok.gov/deq_wq/)
8. Oklahoma Department of Libraries. Sanborn Fire Insurance maps of Pauls Valley, Oklahoma. [www.odl.state.ok.us](http://www.odl.state.ok.us).
9. Phone interview with Adrienne Grimmett, Pauls Valley Historian. 4/19/11.
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>
12. U.S. Department of Agriculture Web Soil Survey. *Soil Survey of Garvin County, Oklahoma*. <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>
13. Oklahoma Geologic Survey. *Hydrologic Atlas 3 of the Ardmore and Sherman Quadrangles in Southern Oklahoma*. University of Oklahoma, Norman, Oklahoma.
14. U.S. Environmental Protection Agency. *Final National Priority List: Sites Listed by State*. <http://www.epa.gov/superfund/sites/query/queryhtm/nplfin.htm#OK>
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>
17. U.S. Environmental Protection Agency. *Envirofacts: RCRAinfo Query*. [http://www.epa.gov/enviro/html/rcris/rcris\\_query\\_java.html](http://www.epa.gov/enviro/html/rcris/rcris_query_java.html)
18. Coulter, Al. Oklahoma Department of Environmental Quality Land Protection Division, Hazardous Waste Management Unit. *Comprehensive Corrective Action Report*.
19. U.S. Environmental Protection Agency. *RCRA Notifiers Listing for the State of Oklahoma*. <http://www.deq.state.ok.us/LPDnew/HW/Notifiers/notifiersbycountycity.pdf>

20. National Response Center. Query NRC Reports.  
<http://www.nrc.uscg.mil/apex/f?p=109:1:1732998506997450>
21. Oklahoma Department of Environmental Quality, Land Protection Division, Solid Waste Management. *List of Permitted Solid Waste Facilities*.  
<http://www.deq.state.ok.us/LPDnew/swindex.html>
22. Oklahoma Water Resources Board. *Water Information Mapping System Custom Map Viewer*. <http://www.owrb.ok.gov/maps/server/wims.php>
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](http://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

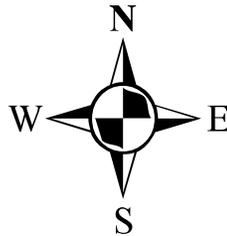
# Pauls Valley Armory Site Map



0 0.25 0.5  
Miles

## Legend

-  Pauls Valley Armory
-  Pauls Valley City Limits



0 0.05 0.1 0.2 0.3 0.4  
Miles



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

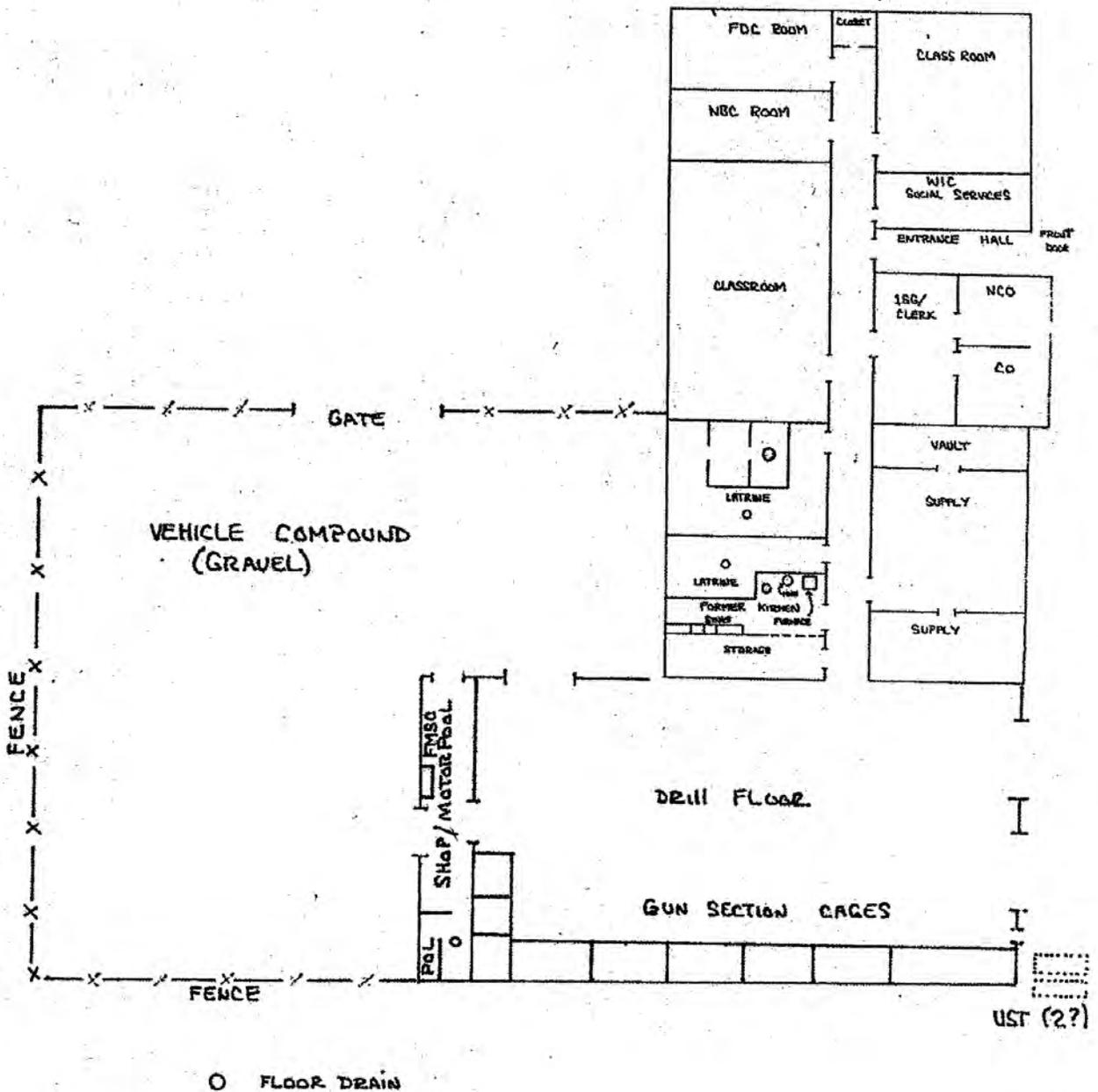
We make every effort to provide and maintain accurate, complete, usable, and timely information. However, some data and information on this map may be preliminary or out of date and is provided with the understanding that it is not guaranteed to be correct or complete. Conclusions drawn from, or actions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

# FLOOR PLAN, PAULS VALLEY ARMORY

## PAULS VALLEY ARMORY

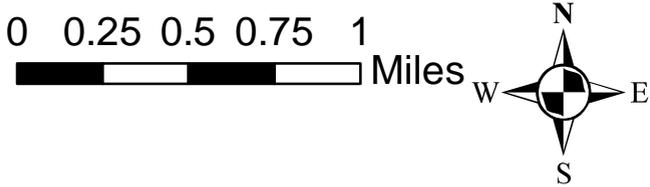
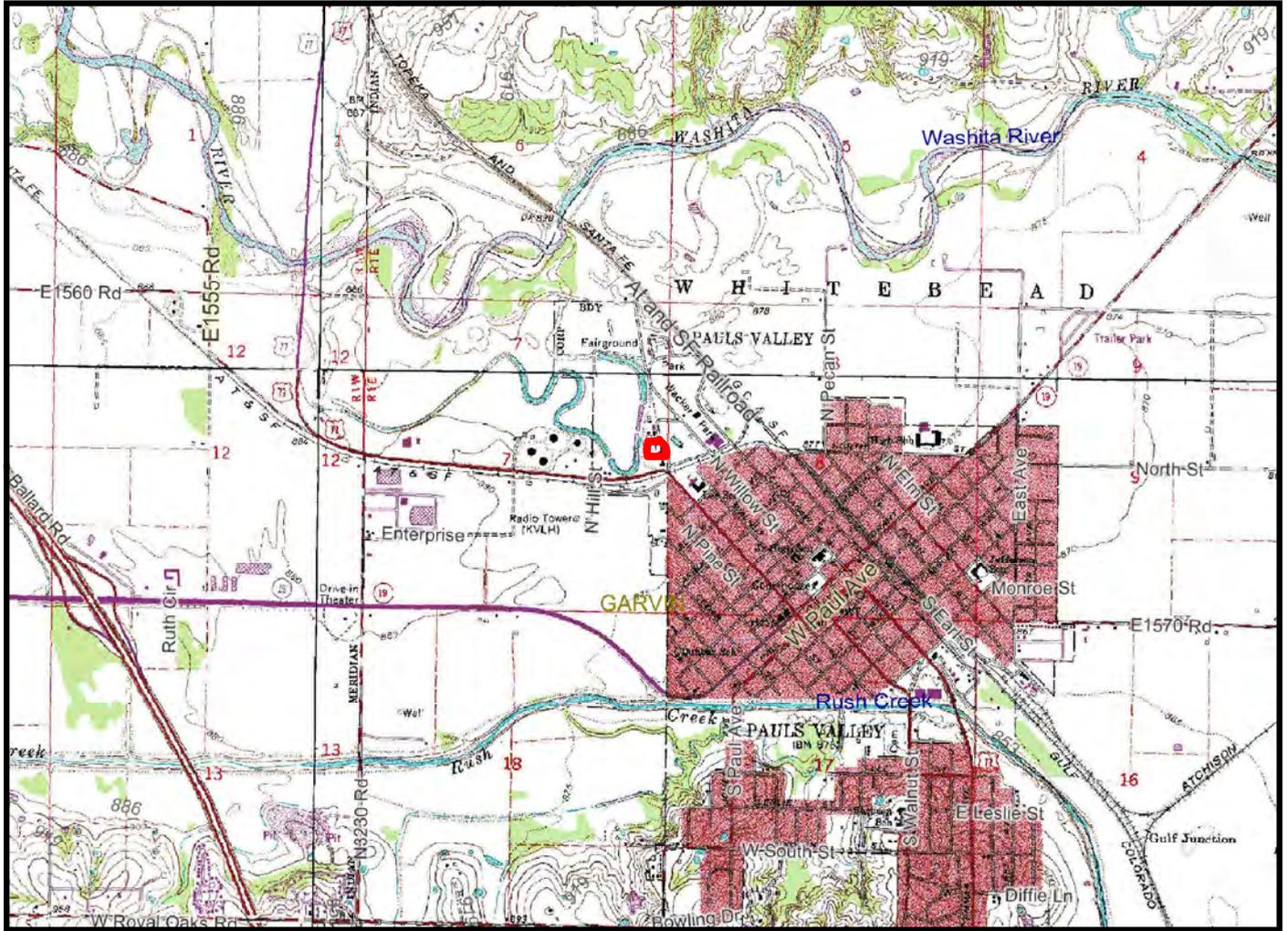
1001 NORTH ASH STREET  
PAULS VALLEY, OKLAHOMA

BUILT: 1949



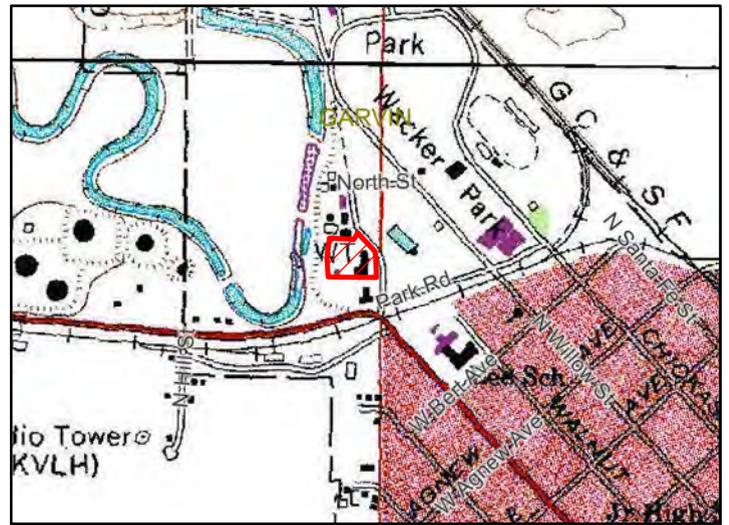
O FLOOR DRAIN

# Pauls Valley Topographical Map



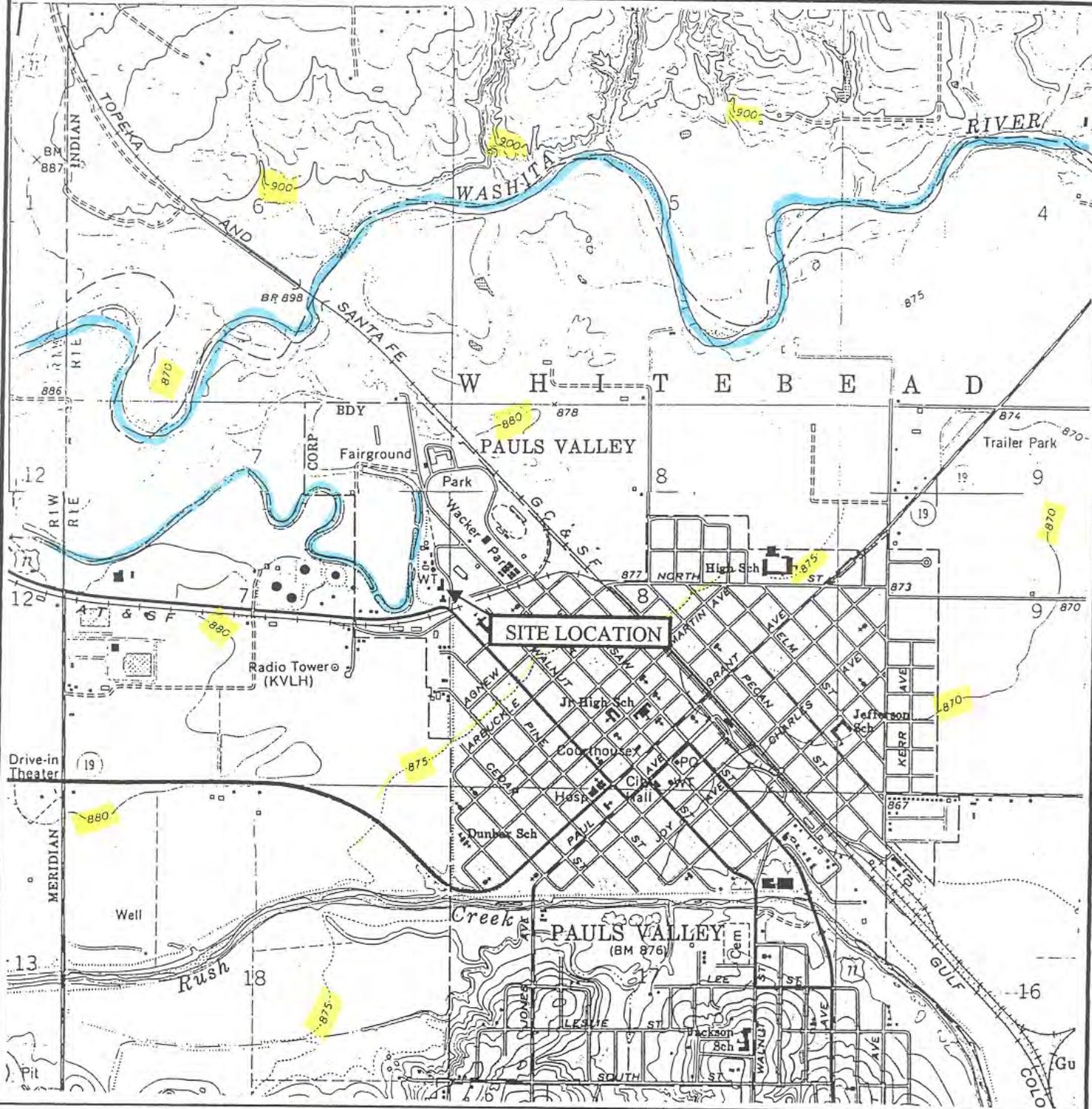
## Legend

 Pauls Valley Armory



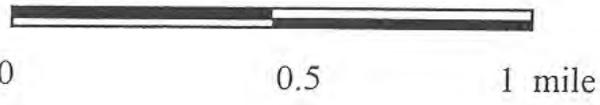
Map created by Travis Estes  
on 10/04/2010.

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



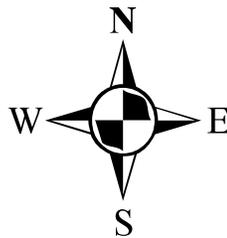
# Pauls Valley 2010 Aerial



0 0.25 0.5  
Miles

## Legend

 Pauls Valley Armory



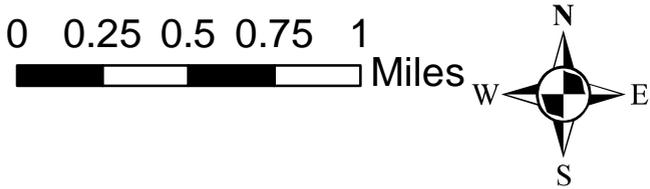
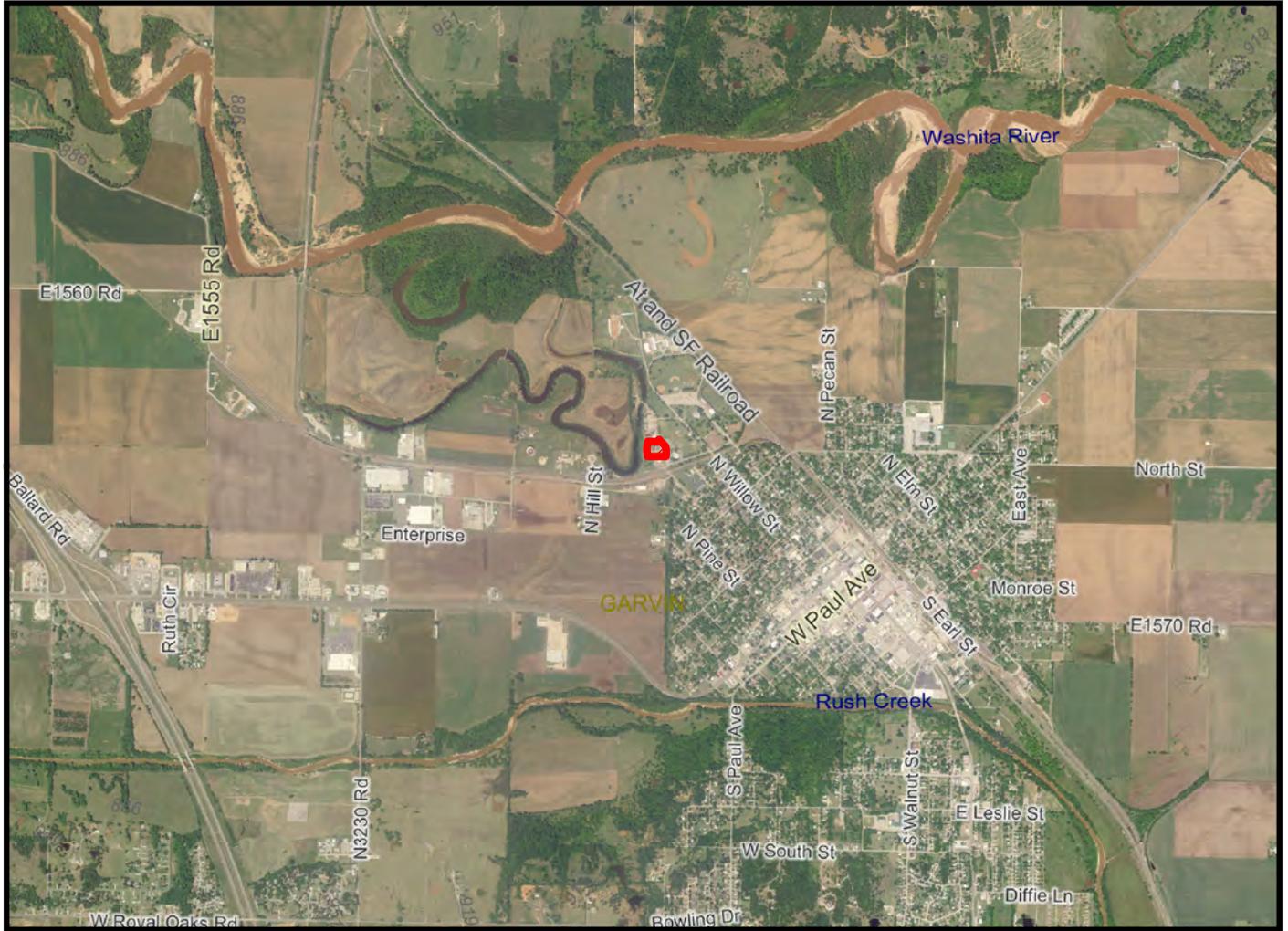
0 0.05 0.1 0.2 0.3 0.4  
Miles



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

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 2008 Aerial



## Legend

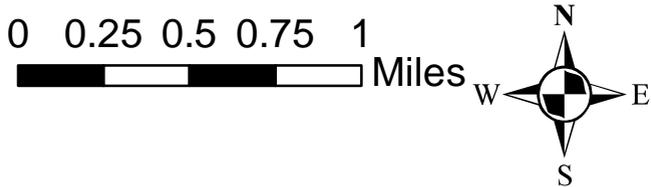
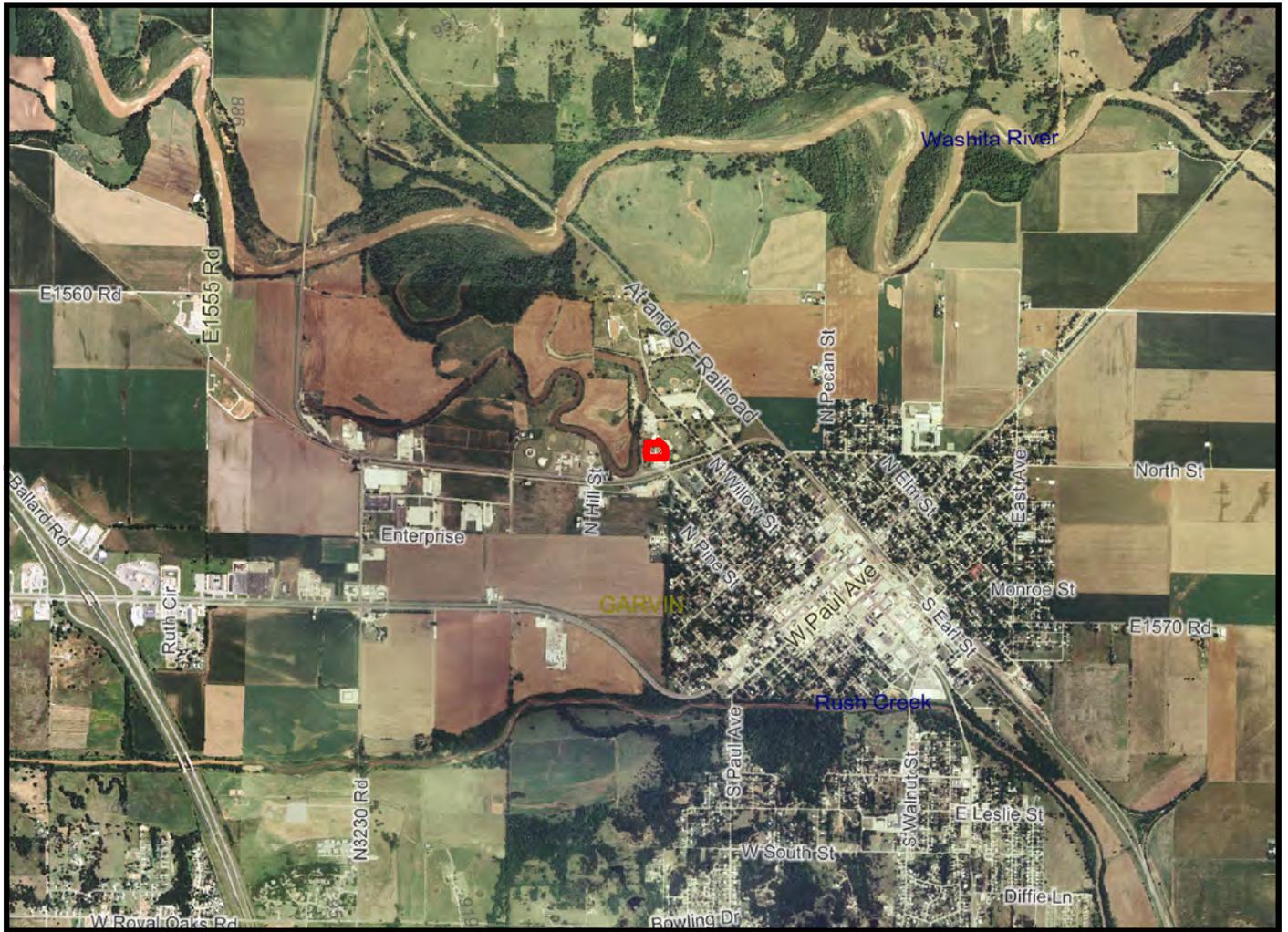
 Pauls Valley Armory



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.



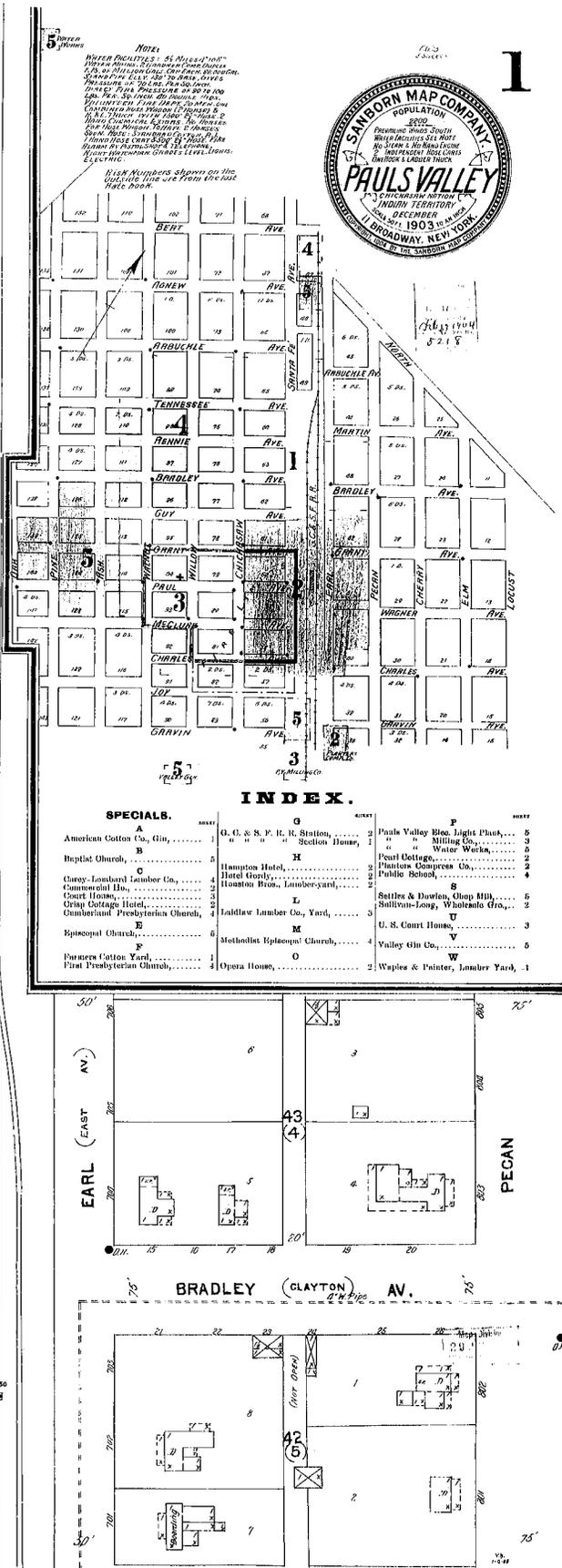
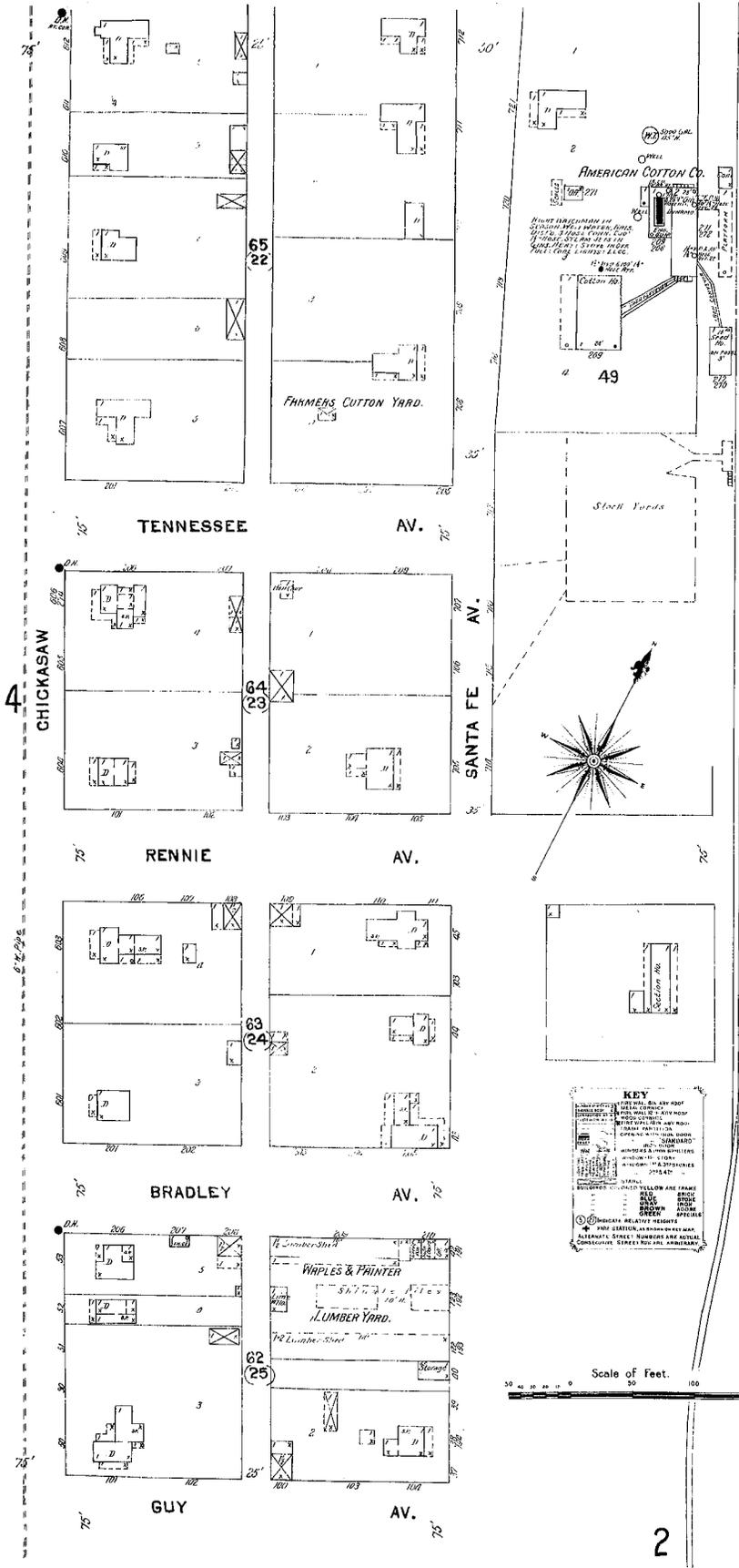
# Pauls Valley 1956 Aerial Photo



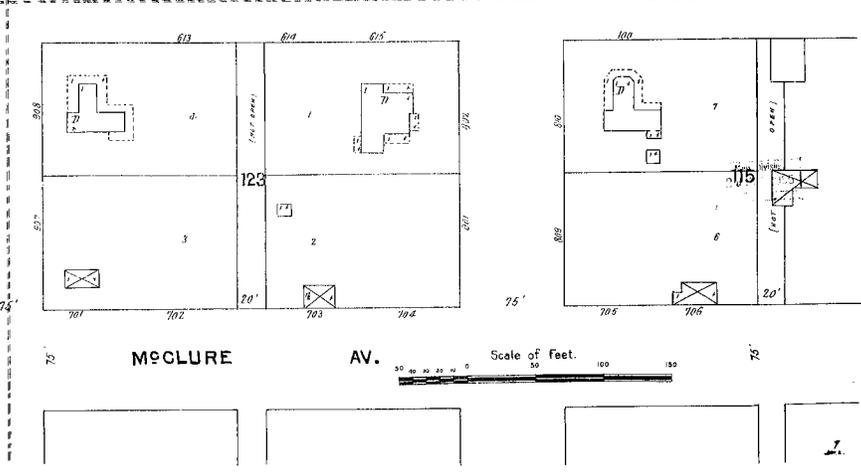
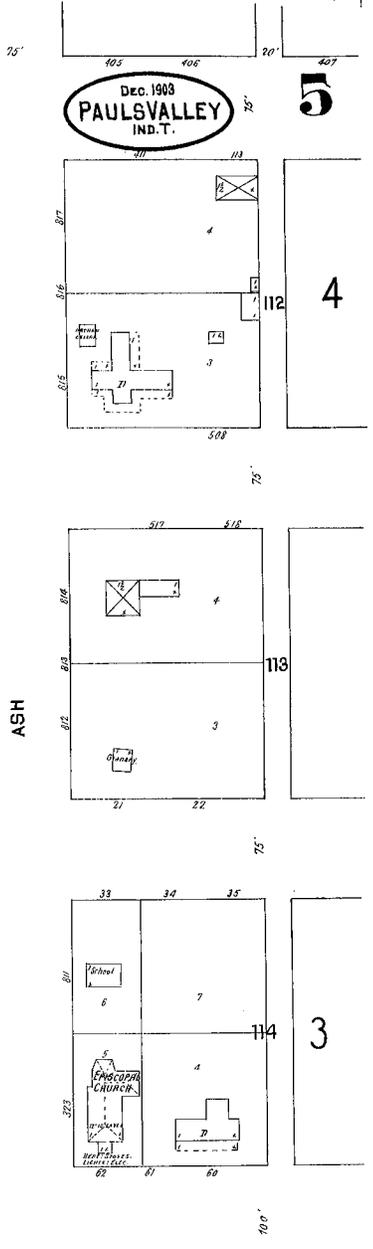
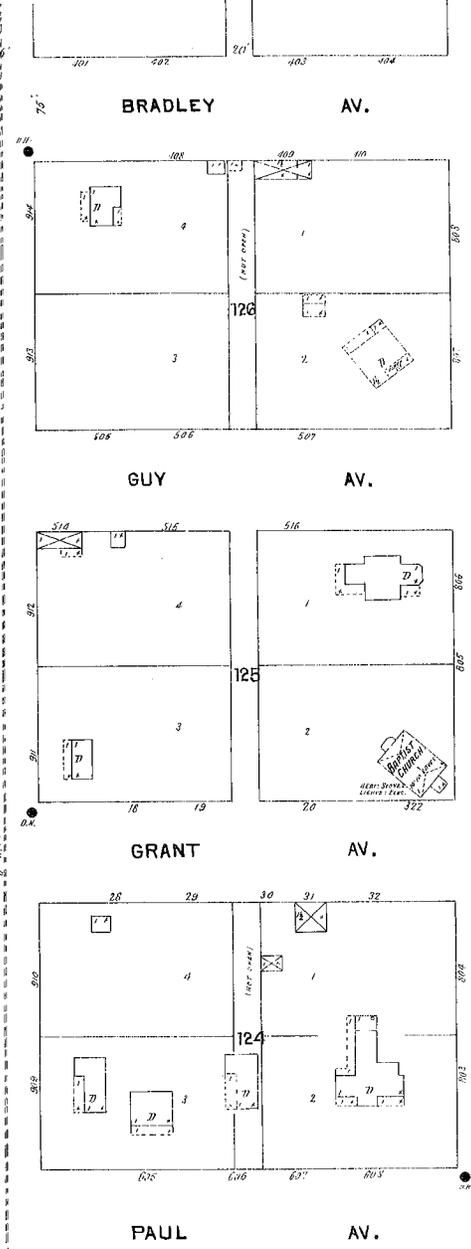
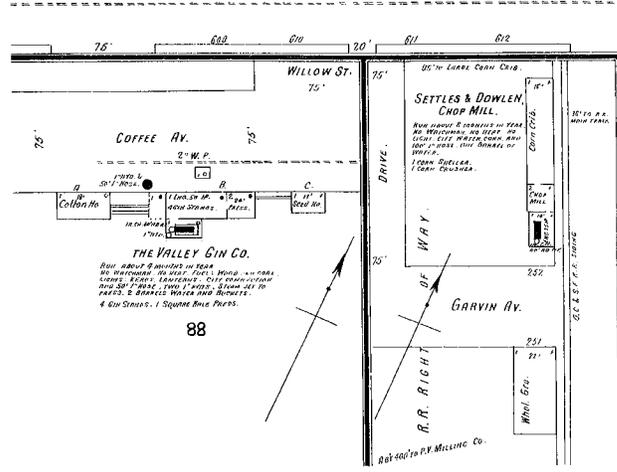
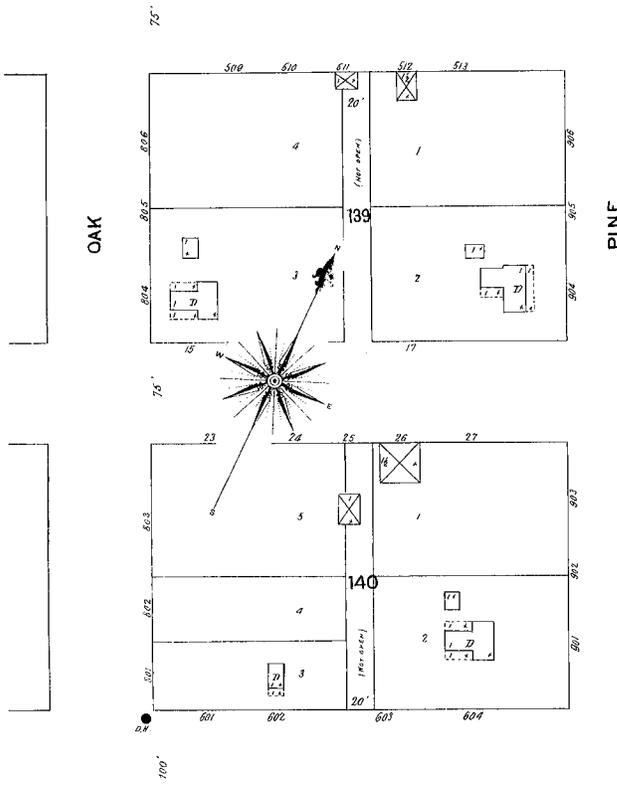
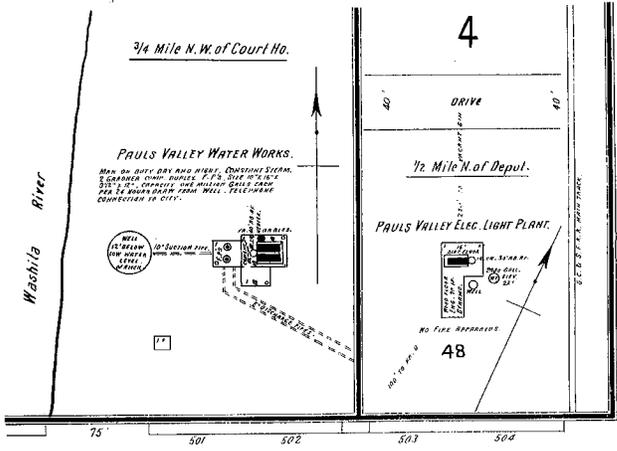
Map created by Savannah Richards on  
06/02/2011

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.





**NOTE.**  
 WATER FACILITIES. 55 Meters (180 feet) high. ...  
 ELECTRICAL. ...  
 FIRE ALARMS. ...

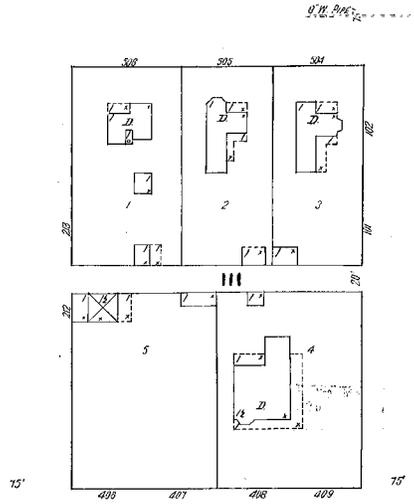
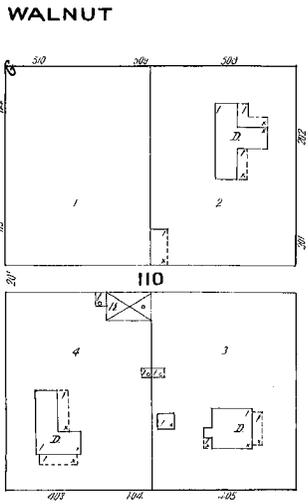
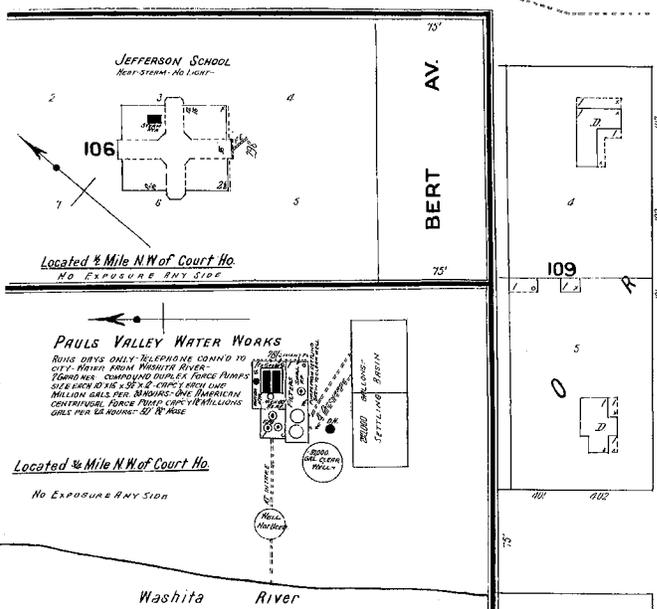
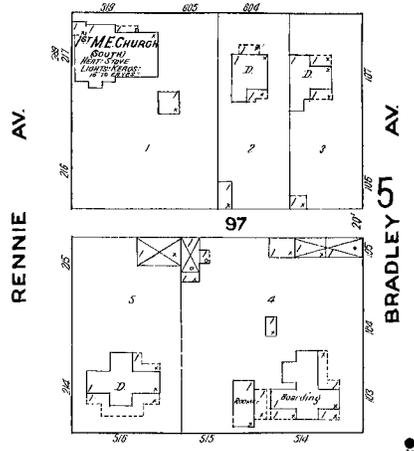
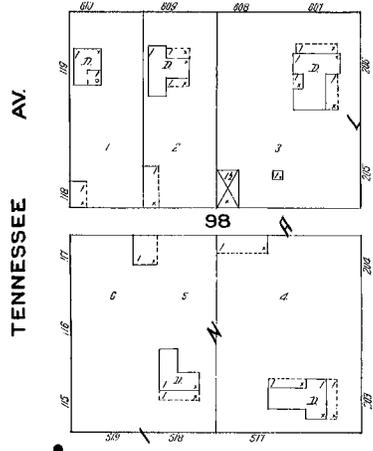
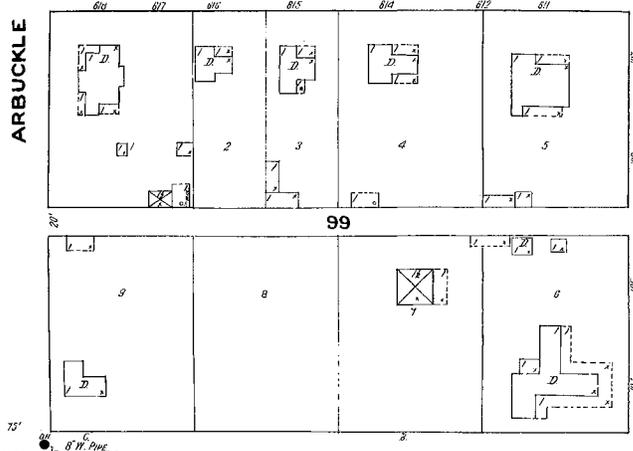
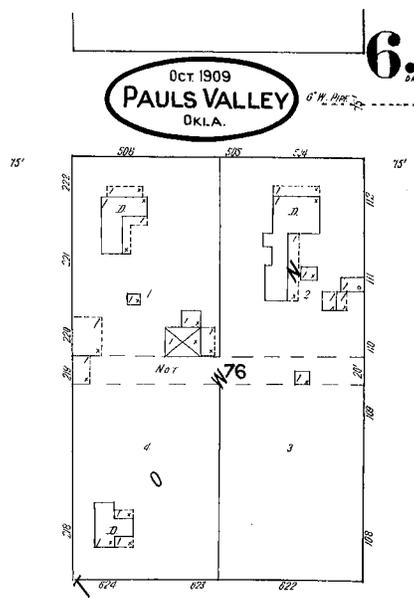
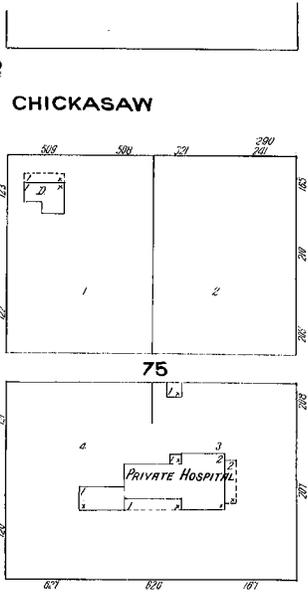
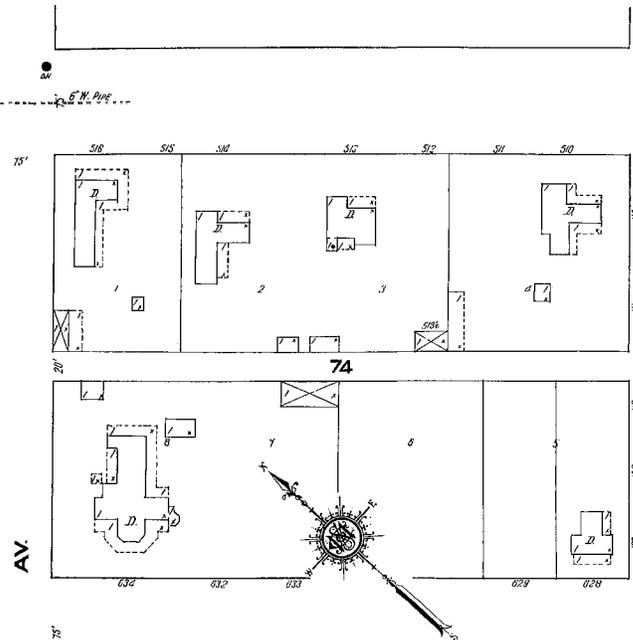


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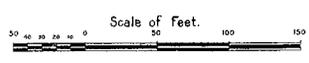
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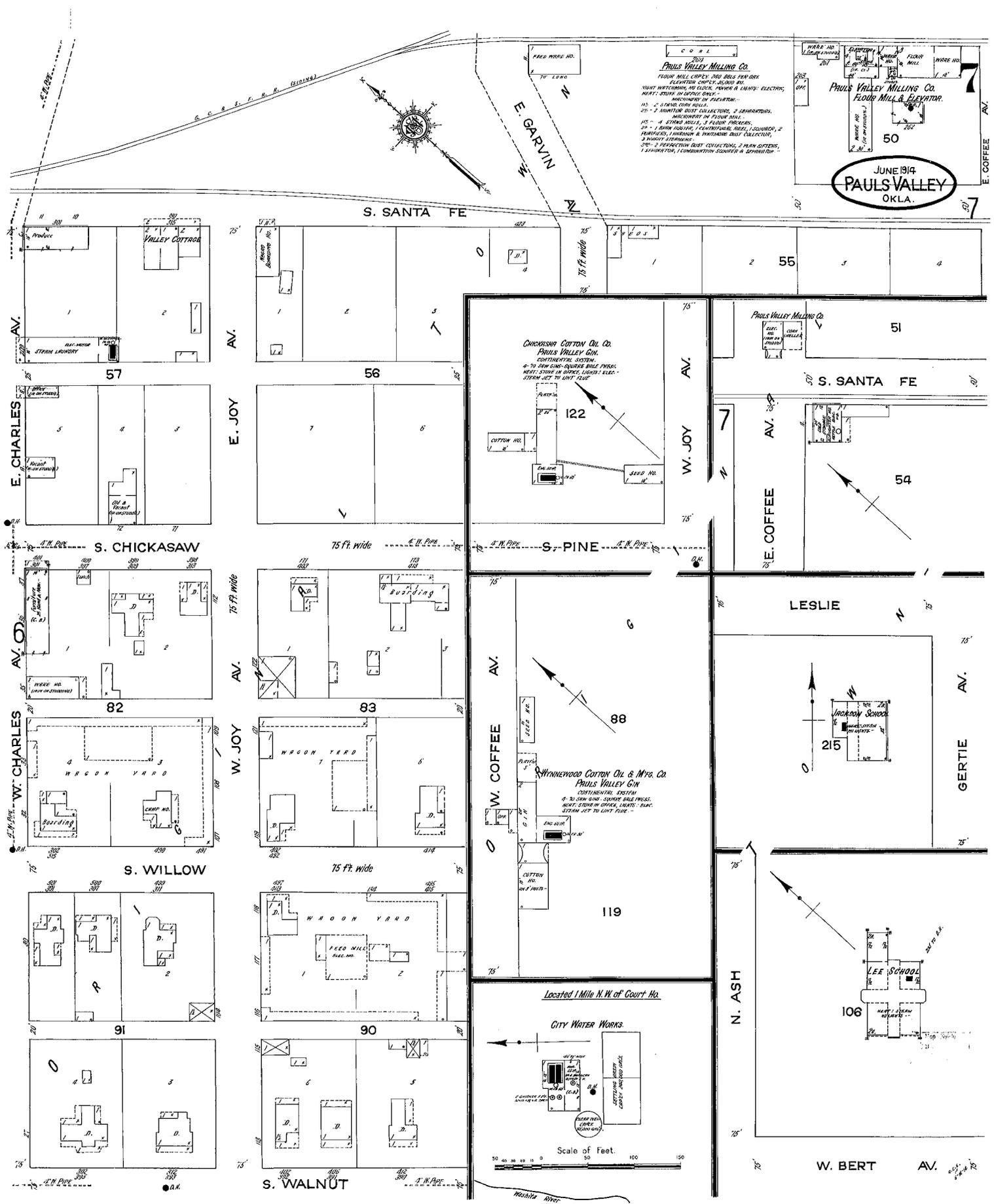
Oct 1909  
PAULS VALLEY  
OKLA.



ASH







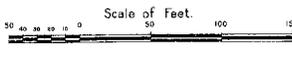
JUNE 1914  
**PAULS VALLEY**  
 OKLA.

**PAULS VALLEY MILLING CO.**  
 FLOUR MILL CAPACITY 200 BBL PER DAY  
 SEPARATORS, CONVEYERS, ELEVATORS  
 NIGHT PARTICULATOR, AIR CLEANER, PUMPS & LAMPS, ELECTRIC  
 HEAT, STEAM, GASOLINE ENGINES  
 MACHINERY BY ELEVATION:  
 15 - 2 STAMP GRINDING ROLLS  
 25 - 2 HUNTING BUSH COLLECTIONS, 2 SEPARATORS  
 105 - 4 STAMPING ROLLS, 3 FLOUR PRESSERS  
 20 - 1 BURN FURNACE, 1 CONTINUOUS ROAST, 1 COOLING &  
 1 PARTIAL, 1 LONGHORN & WINDMILL BUSH COLLECTIONS  
 3 HUNTING STAMPS  
 200 - 2 SEPARATION BUSH COLLECTIONS, 2 PUMP-OFFERS,  
 1 SEPARATOR, 1 COMBINATION SCOFFER & SEPARATOR

**CHICKASHA COTTON OIL CO.**  
**PAULS VALLEY GIN.**  
 CONTINENTAL SYSTEM  
 4 - 70 DAW GIND-SQUARE BALE PRESS  
 HEAT, STEAM IN OFFICE, LIGHTS, ELEC.  
 STEAM JET TO LINT FLOE

**SHINWOOD COTTON OIL & MFG. CO.**  
**PAULS VALLEY GIN.**  
 CONTINENTAL SYSTEM  
 4 - 70 DAW GIND-SQUARE BALE PRESS  
 HEAT, STEAM IN OFFICE, LIGHTS, ELEC.  
 STEAM JET TO LINT FLOE

Located 1 Mile N.W. of Court Ho.  
**CITY WATER WORKS.**  
 WATER TOWER  
 WATER PUMP  
 WATER ENGINE  
 WATER MOTOR  
 WATER PIPES  
 WATER VALVES  
 WATER METER  
 WATER GAUGE  
 WATER CISTERN  
 WATER RESERVOIR  
 WATER DISTRIBUTION SYSTEM



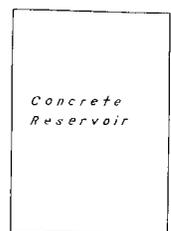
Washita River



JULY 1923  
PAULS VALLEY  
OKLA.

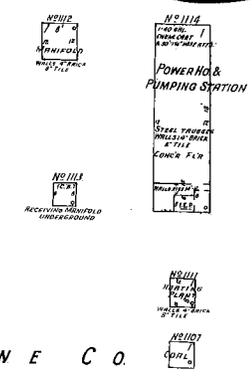
PUBLIC ROAD

Located 3 Miles N.W. of Court Ho



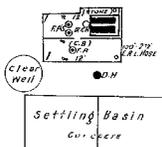
SINCLAIR PIPE LINE CO.  
PUMPING STATION

NIGHT WATCHMAN: NO CLOCK; VERT. SIGN; LIGHTS: ELECTRIC; I.E.A.; POWER: FUEL OIL ENGINES.



Located 1 Mile N.W. of Court Ho

Washita River

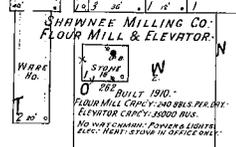


CITY WATER PLANT.  
MAN ON DUTY AT ALL HOURS.  
POWER: STEAM & ELECTRIC; NO HEAT; LIGHTS: ELECTRIC.

NO EXPOSURE ANY SIDE

NO EXPOSURE ANY SIDE

NO EXPOSURE ANY SIDE



S. SANTA FE

E. GARVIN AV.

E. COFFEE

15

LESLIE

GERTIE AV.

N. ASH

W. BERT AV.

W. COFFEE AV.

WALNUT

S. SANTA FE

E. GARVIN AV.

E. COFFEE

SOUTHLAND COTTON OIL CO.  
PAULS VALLEY GIN.

SEED HO.  
CONCRETE FLD.  
10000 GAL. FUEL OIL TANK.  
MUNGER SYSTEM.  
COTTON HO.

119

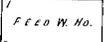


215



106

88



56

Scale of Feet.

55

(11257)

15

PUBLIC ROAD

60

51

54

Copyright 1923 by the Sankara Map Co







NEW REPORT, January, 1935

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

WATER FACILITIES

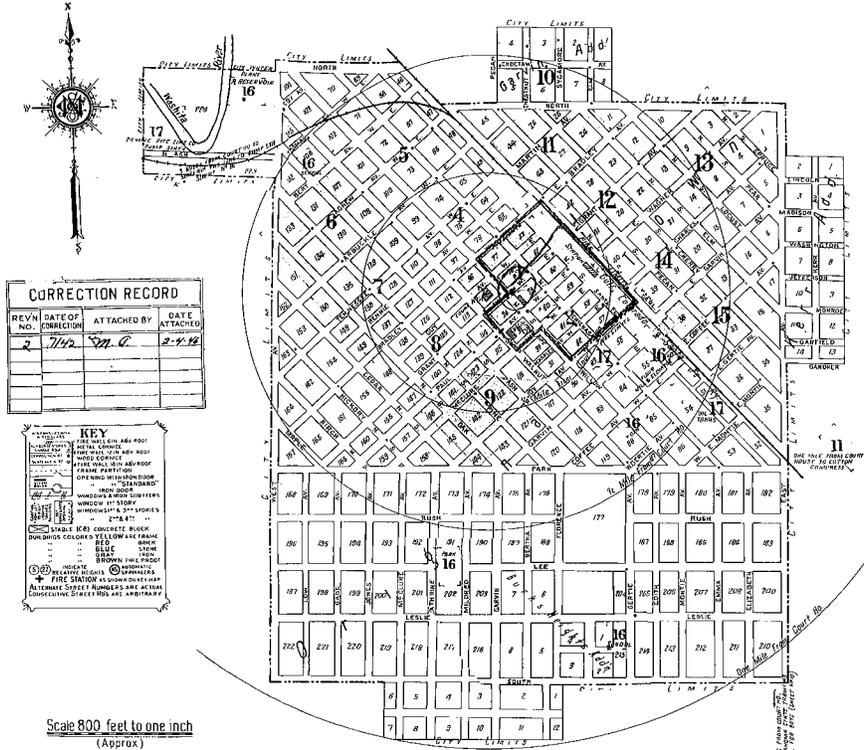
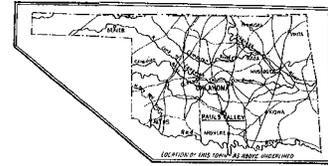
Municipal ownership. Source from 3 wells, 8 1/2" and 3 wells, 6 1/2", located 1 mile northeast of Pauls Valley. Gravity pressure system. One 200,000 gallon storage tank and one 100,000 gallon clear water tank. One 100,000 gallon electric driven pump, capacity 800 gallons per minute. One American centrifugal 8" electric driven pump, capacity 750 gallons per minute. One 12" electric driven pump, capacity 1,000 gallons per minute. Four 1/2" electric driven pumps, capacity 50 gallons per minute each. One 1/2" electric driven pump, capacity 50 gallons per minute each. One 100,000 gallon storage tank, 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 call. 1 station.  
1 White triple combination chemical, pump and hose truck with one 40 gallon chemical tank, 2 1/2" hose, 600 gallons per minute Northern rotary pump, 2 1/2" 1 1/2" hose, one 20' extension ladder, one 12' roof ladder and two 2 gallon chemical extinguishers. 1 Snygare triple combination pump truck, capacity 600 gallons per minute with 2 1/2" 1 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 Limit Only.



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

KEY table listing symbols for various features: CONCRETE, BRICK, FRAME PARTITION, etc.

Scale 800 feet to one inch (Approx)

INDEX

Large index table listing streets and their corresponding lot numbers. Columns include street names (e.g., Agnew Ave., Arbuttle Ave., Ash, N., Bert Ave., Bradley Ave., Charles Ave., Cherry, N., Chestnut, Chickasaw, Chectaw Ave., Coffee Ave., Earl, N., Grant Ave., J., L., M., N., Paul Ave., S., Sante Fe, N., Spruce, N., Sycamore, Tennessee Ave., Wagner Ave., Walnut, N., West Ave., Willow, N., near W. Coffee Ave.), lot numbers, and page numbers.

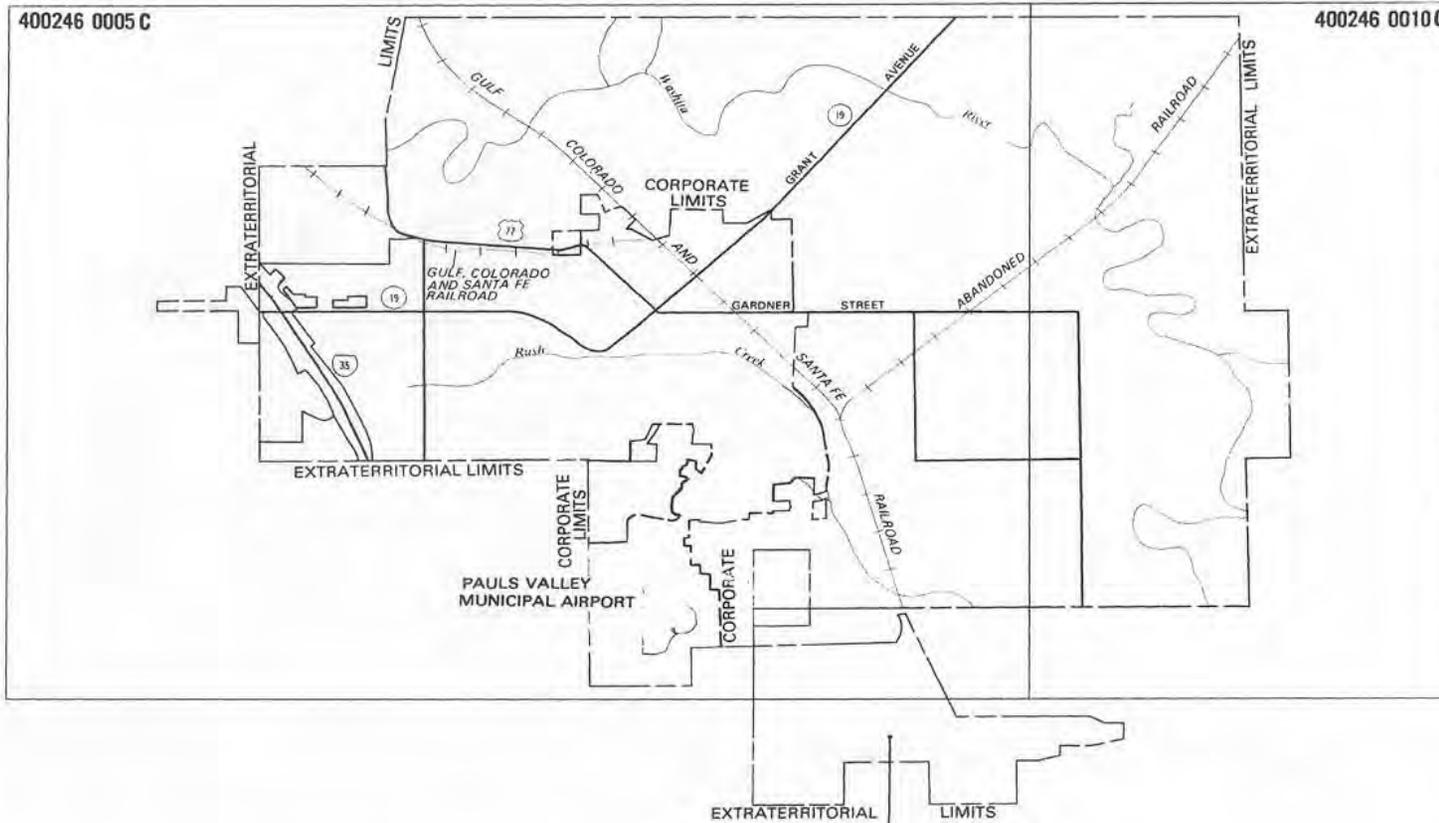
\* Indicates only one side of Street shown.

ADDITIONS, SUBDIVISIONS, &c.

Table listing additional locations and their page numbers: Leola School, Leland Hotel, Long Bell Lumber Co., Magnolia Petroleum Co., Moody Hotel, Oklahoms Gas and Electric Co., State Training School for Boys, Pauls Valley High School, Steam Laundry, Pierce Petroleum Corp., Planters Gin Co., Post Office, Prairie Pipe Line Co., Rice Hotel, Champlin Refining Co., Channing Cotton Oil Co., City Hall, Water Plant, Coca-Cola Bottling Co., Commercial Hotel, Continental Oil Co., Telephone Exchange, Texas Co., Tyler & Simpson Co., Grocers, Field Bros. Oil Co., Fire Department, First Baptist Church, Methodist Church, Presbyterian Church, Garvin County Court House, G. C. & S. F. Railway Depot, Haynes Hotel, Jackson School, Jefferson School.



# 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

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](http://www.msc.fema.gov)

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

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

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

<b>Oklahoma ( 8 sites )</b>							
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	<a href="#">Site Progress Profile</a> <a href="#">Federal Register Notice</a>	
Tulsa Fuel and Manufacturing						<a href="#">Site Listing Narrative</a> <a href="#">Site Progress Profile</a> <a href="#">Federal Register Notice</a>	
<b>Oregon ( 13 sites )</b>							
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	<a href="#">Site Listing Narrative</a> <a href="#">Site Progress Profile</a> <a href="#">Federal Register Notice</a>	
Formosa Mine	Riddle	ORN001002616	09 / 19 / 2007	50.00	No	<a href="#">Site Listing Narrative</a> <a href="#">Site Progress Profile</a> <a href="#">Federal Register Notice</a>	
Fremont National Forest/White King and Lucky Lass Uranium Mines (USDA)	Lake County	OR7122307658	04 / 25 / 1995	50.00	Yes	<a href="#">Site Listing Narrative</a> <a href="#">Site Progress Profile</a> <a href="#">Federal Register Notice</a>	
Harbor Oil	Portland	ORD071803985	09 / 29 / 2003	48.00	No	<a href="#">Site Listing Narrative</a> <a href="#">Site Progress Profile</a> <a href="#">Federal Register Notice</a>	

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



http://cfpub.epa.gov/supercpad/cursites/srchrslt.cfm?start=1&CFID=14856959&CFTOKEN=95952112&jsessionid=3830c9943118bb88e29c616c67572e8017  
 Case updated on Friday, May 06, 2011

## Superfund

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## 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>

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http://cfpub.epa.gov/supercpad/cursites/srchrslt.cfm?start=1&CFID=14856959&CFTOKEN=95952112&jsessionid=3830c9943118bb88e79c615c67572e8011  
 Updated on Friday, July 06, 2011

# Superfund

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## 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	<a href="#">AMF TUBOSCOPE</a>	PAULS VALLEY	GARVIN	OK	NF	11/01/1983	Not NPL
OKD981598782	<a href="#">PRO AG SERVICES</a>	PAULS VALLEY	GARVIN	OK	NF	11/01/1987	Not NPL

Displaying sites 1 through 2

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

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

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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  
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*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

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

URL: <http://cfpub.epa.gov/supercpad/cursites/csitinfo.cfm>  
This page design was last updated on Tuesday, June 23, 2009  
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*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, handlers5, 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		State District		County		Contact Phone / Fax / Email	
Contact Type	Contact Name(s)	Contact Address		Contact City, State, Zip		Contact Phone / Fax / Email		Contact Phone / Fax / Email		Contact Phone / Fax / Email	
OKD000402396	A CLEAN ENVIRONMENT	2700 S 25TH W AVE		TULSA, OK 74107		TULSA, OK 74107		TULSA, OK 74107		TULSA / OK143	
Biennial Report: ELIZABETH COBIANCHI											
Part A: ROB BOYD											
2700 S 25TH W AVE											
2700 S 25TH W AVE											
2700 S 25TH W AVE											
Implementer: ELIZABETH COBIANCHI											
Notification: ROB BOYD											
Universes:											
Federal Generator:	LOG	Transporter:	Y	Onsite Burner Exempt:	N	Used Oil Transporter:	Y	Used Oil Off-Spec Burner:	N	Subpart K/College:	N
State Generator:	OK-N	Transfer Facility:	N	Furnace Exemption:	N	Used Oil Transfer Facility:	N	Subpart K/Hospital:	N	Subpart K/Non-profit:	N
Short Term Generator:	N	Operating TSD:	---ST	Underground Injection:	N	Used Oil Processor:	Y	Subpart K/Withdrawal:	N		
Importer:	N	Commercial TSD:	Y	HSM:	N	Used Oil Re-refiner:	N				
Mixed Waste Generator:	N	Recycler:	N	Lg Qty Universal Waste:	Y	Used Oil Burner:	N				
Active Flag:	Y			UW Destination Facility:	Y	Used Oil Fuel Marketer:	N				
OKD065438376 CLEAN HARBORS LONE MOUNTAIN, LLC ROUTE 2 BOX 170 MAJOR COUNTY											
Biennial Report: ALAN J ADAIR											
Part A: DOUG MCCLAIN											
Implementer: ALAN J ADAIR											
ROUTE 2, BOX 170											
ROUTE 2 BOX 170											
Notification: DOUG MCCLAIN											
ROUTE 2 BOX 170											
Universes:											
Federal Generator:	LOG	Transporter:	N	Onsite Burner Exempt:	N	Used Oil Transporter:	N	Used Oil Off-Spec Burner:	N	Subpart K/College:	N
State Generator:	OK-N	Transfer Facility:	N	Furnace Exemption:	N	Used Oil Transfer Facility:	N	Subpart K/Hospital:	N	Subpart K/Non-profit:	N
Short Term Generator:	N	Operating TSD:	L--ST	Underground Injection:	N	Used Oil Processor:	N	Subpart K/Withdrawal:	N		
Importer:	N	Commercial TSD:	Y	HSM:	N	Used Oil Re-refiner:	N				
Mixed Waste Generator:	N	Recycler:	N	Lg Qty Universal Waste:	N	Used Oil Burner:	N				
Active Flag:	Y			UW Destination Facility:	N	Used Oil Fuel Marketer:	N				
OKD000803601 CONOCOPHILLIPS COMPANY											
U.S. HIGHWAY 60 WEST											
BARTLESVILLE, OK 74004											
WASHINGTON / OK147											
Universes:											
Federal Generator:	LOG	Transporter:	Y	Onsite Burner Exempt:	N	Used Oil Transporter:	N	Used Oil Off-Spec Burner:	N	Subpart K/College:	N
State Generator:	OK-N	Transfer Facility:	N	Furnace Exemption:	N	Used Oil Transfer Facility:	N	Subpart K/Hospital:	N	Subpart K/Non-profit:	N
Short Term Generator:	N	Operating TSD:	---S-	Underground Injection:	N	Used Oil Processor:	N	Subpart K/Withdrawal:	N		
Importer:	N	Commercial TSD:	N	HSM:	N	Used Oil Re-refiner:	N				
Mixed Waste Generator:	Y	Recycler:	N	Lg Qty Universal Waste:	N	Used Oil Burner:	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	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					
Implementer: TERRY L BYERLY P. O. DRAWER 1431 DUNCAN, OK 73536-0365					
Notification: TERRY BYERLY PO DRAWER 1431 DUNCAN, OK 73536-0365					
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 Markeler: 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					
Implementer: STEVE MOYER P.O. BOX 970 TULSA, OK 74101					
Notification: JAMES E RESINGER 3333 SOUTHWEST BLVD TULSA, OK 74107					
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 Markeler: 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					
Implementer: LARRY A BURNETT 1 C TREE RD MCALESTER, OK 74501-9002					
Notification: WYNA GRIPPANDO 1 C TREE RD MCALESTER, OK 74501-9002					
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 Markeler: 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:	Federal Generator: LOG	Transporter: Y	Onsite Burner Exempt: N
	State Generator: OK-N	Transfer Facility: N	Furnace Exemption: N
	Short Term Generator: N	Operating TSDF: ---S-	Underground Injection: N
	Importer: N	Commercial TSDF: Y	HSM: N
	Mixed Waste Generator: Y	Recycler: N	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		
Part A:	CATHY-L TAYLOR	2854 ABG/CC	TINKER AIR FORCE BASE, OK 731
Implementer:	ANITA A DODD	7535 5TH ST	TINKER AFB, OK 73145-9100
Notification:	CATHY-L TAYLOR	2854 ABG/CC	TINKER AIR FORCE BASE, OK 731
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 TSDF: ---S-	Underground Injection: N
	Importer: N	Commercial TSDF: N	HSM: N
	Mixed Waste Generator: N	Recycler: 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		
Part A:	GORDON FRAMPTON	103 TAYLOR BLVD	MCALESTER, OK 74501
Implementer:	STEPHANIE R MORRIS	PO BOX 789	MCALESTER, OK 74502
Notification:	CURT BECK	103 TAYLOR BLVD	MCALESTER, OK 74501
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 TSDF: ---S-	Underground Injection: N
	Importer: N	Commercial TSDF: N	HSM: N
	Mixed Waste Generator: N	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
Contact Type	Contact Name(s)	Contact Address	Contact City, State, Zip
State District	County	State 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) 223-0534 ext. 3110
Universes:		Federal Generator: LQG	Used Oil Transfer Facility: N
		State Generator: OK-N	Used Oil Processor: N
		Short Term Generator: N	Used Oil Re-refiner: N
		Importer: N	Used Oil Burner: N
		Mixed Waste Generator: N	Used Oil Fuel Marketer: N
		Active Flag: Y	
OKD000396549	WYNNENEWOOD REFINING COMPANY	906 SPowell	WYNNENEWOOD, OK 73098
Biennial Report: SIDNEY G CABBINNESS		GARVIN / OK049	
Part A: WALLACE HOELSCHER		PO BOX 305	Phone: (405) 665-6601
Implementer: SIDNEY G CABBINNESS		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: (309) 665-6622
Universes:		Federal Generator: LQG	Used Oil Transfer Facility: N
		State Generator: OK-N	Used Oil Processor: N
		Short Term Generator: N	Used Oil Re-refiner: N
		Importer: N	Used Oil Burner: N
		Mixed Waste Generator: N	Used Oil Fuel Marketer: 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.

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

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.

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

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

f. Subject to CA

**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.davidr@epa.gov 404 562-8467)

## 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									
<b>ALLIED MATERIALS CORPORATION</b> OK LINCOLN	OKD007192719	STROUD	Y	N	+	N	LOG	---	---	---	---	Y	Y	N	NNNNNNN
<b>ASEC MANUFACTURING DBA DELPHI CATALYST</b> OK ROGERS	OKD085953107	CATOOSA DELPHI AUTOMOTIVE SYSTEMS	N	N	N	N	SQG	---	---	---	---	Y	N	N	NNNNNNN
<b>CAVENHAM FOREST INDUSTRIES INC</b> OK SEQUOYAH	OKD010327948	SALLISAW CAVENHAM FOREST INDUSTRIES INC.	Y	N	+	N	LOG	---	---	---	---	Y	Y	N	NNNNNNN
<b>CENTRILIFT - PUMP PLANT</b> OK ROGERS	OKD000758599	CLAREMORE BAKER HUGHES INC	N	N	N	N	SQG	---	---	---	---	Y	N	N	NNNNNNN
<b>CLEAN HARBORS LONE MOUNTAIN, LLC</b> OK MAJOR	OKD065438376	WAYNOKA CLEAN HARBORS ENVIRONMENTAL SERVIC	N	+	+	N	LOG	-ST	L-ST	L-ST	---	Y	Y	N	NNNNNNN
<b>CONOCOPHILLIPS CO (BARTLESVILLE TECH)</b> OK OSAGE	OKD000803601	BARTLESVILLE CONOCOPHILLIPS	N	N	N	N	LQG	-S-	-S-	-S-	---	Y	Y	Y	NNNNNNN
<b>CONOCOPHILLIPS REFINERY/TECHNOLOGY SITE</b> OK KAY	OKD007233836	PONCA CITY CONOCOPHILLIPS	Y	+	+	N	LQG	-S-	L-S-	L-S-	---	Y	Y	N	NNNNNNN
<b>CYRIL PETROCHEMICAL CORP</b> OK CADDO	OKD982558900	CYRIL CAYMEU RESPURCES CORP	N	N	N	N	CEG	---	---	---	---	Y	Y	N	NNNNNNN
<b>DUNCAN REFINERY</b> OK STEPHENS	OKD045349982	DUNCAN RESOURCE RECOVERY INC & ENERGY REA	N	N	N	N	LOG	---	---	L-ST	---	Y	N	N	NNNNNNN
<b>EAGLE-PICHER TECH., LLC, EOM DEPT.</b> OK OTTAWA	OKD007158454	QUAPAW EAGLEPICHER INDUSTRIES, INC.	N	+	+	N	LOG	---	---	---	---	Y	Y	N	NNNNNNN
<b>EL RENO CITY OF</b> OK CANADIAN	OKD987087152	EL RENO CITY OF EL RENO	N	N	N	N	N	---	---	---	---	Y	N	N	NNNNNNN
<b>EXXON CHEMICAL FACILITY</b> OK PONTOTOC	OKD982558215	ADA EXXON MOBILE	N	N	N	N	CEG	---	---	---	---	Y	Y	N	NNNNNNN
<b>F &amp; K PLATING</b> OK OKLAHOMA	OKD980425045	OKLAHOMA CITY HOWARD MELTON	N	N	N	N	CEG	---	---	---	---	Y	N	N	NNNNNNN
<b>FERGUSON DUMP/WICHITA MTN WILDLIFE REFUG</b> OK COMANCHE	OKR000015404	MEDICINE PARK US DEPT INTERIOR FISH & WILDLIFE SVC	N	N	N	N	N	---	---	---	---	Y	N	N	NNNNNNN
<b>FLYNT MINING CO INC</b> OK CLEVELAND	OKD096143417	NORMAN - no owner info.-	N	N	N	N	N	---	---	L---	---	Y	N	N	NNNNNNN
<b>GREENWAY ENVIRONMENTAL INC</b> OK WAGONER	OKD089761290	HASKELL CLEAN AMERICA CORP	N	+	N	N	N	---	---	---	---	Y	Y	Y	NNNNNNN
<b>HALLIBURTON ENERGY SERVICES, INC.</b> OK STEPHENS	OKD000814228	DUNCAN HALLIBURTON ENERGY SERVICES	N	+	N	N	LQG	-S-	-S-	-S-	---	Y	Y	U	UYUUUUU
<b>HUDSON REFNG CO INC</b> OK PAYNE	OKD082471988	CUSHING HUDSON REFINING COMPANY INC	N	N	N	N	N	---	---	-S-	---	Y	Y	N	NNNNNNN
<b>HUFFMAN WOOD PRESERVING CO INC</b> OK MCCURTAIN	OKD053128492	BROKEN BOW - no owner info.-	N	N	+	N	N	L---	---	L---	L---	Y	Y	N	NNNNNNN
<b>LUCENT TECHNOLOGIES</b> OK OKLAHOMA	OKD007189111	OKLAHOMA CITY LUCENT TECHNOLOGIES	Y	+	N	N	CEG	---	---	---	---	Y	Y	N	NNNNNNN
<b>MADEWELL &amp; MADEWELL, INC.</b> OK OKLAHOMA	OKD032963530	JONES MADEWELL & MADEWELL, INC.	Y	N	N	N	CEG	---	---	---	---	Y	Y	N	NNNNNNN
<b>MIXON BROTHERS WOOD PRESERVING INC</b> OK MCCURTAIN	OKD007336258	IDABEL GARY AND BOB MIXON	Y	N	+	N	N	L---	---	---	L---	Y	Y	N	NNNNNNN
<b>MOORE NORTH AMERICA</b> 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									
<b>NATIONAL STANDARD COMPANY</b> OK PAYNE	OKD065436180	STILLWATER	N	N	N	N	LOG	---	---	---	---	Y	N	N	NNNNNNN
<b>OKLAHOMA REFINING COMPANY-CYRIL PLANT</b> OK CADDO	OKD091598870	CYRIL	N	N	N	N	---	---	---	L-ST	---	Y	Y		NNNNNNN
<b>OKMULGEE REFINERY</b> OK OKMULGEE	OKD004998225	OKMULGEE	N	N	N	N	---	---	---	L	---	Y	N	N	NNNNNNN
<b>PERMA-FIX TRMT. SVC.</b> OK TULSA	OKD000402396	TULSA	N	+	+	Y	LOG	--ST	--ST	--ST	---	Y	Y	U	UUUUUUU
<b>SAFETY-KLEEN SYSTEMS INC (TULSA)</b> OK ROGERS	OKD000763821	TULSA	N	+	N	N	LOG	--S-	--S-	--S-	---	Y	Y	Y	YNNNNNN
<b>SAFETY-KLEEN SYSTEMS INC (WHEATLAND)</b> OK OKLAHOMA	OKD980878474	OKLAHOMA CITY	N	+	N	N	LOG	--S-	--S-	--S-	---	Y	Y	Y	YNNNNNN
<b>SEABOARD FAIRVIEW NURSERY MCKEE &amp; MOORE</b> OK MAJOR	OKR00016972	BADO	N	N	N	N	---	---	---	---	---	Y	Y	N	NNNNNNN
<b>SEABOARD LACEY 1 BRYAN SOW AND NORRIS</b> OK KINGFISHER	OKR00016998	LACEY	N	N	N	N	---	---	---	---	---	Y	Y	N	NNNNNNN
<b>SEABOARD LACEY 3 WATSON</b> OK KINGFISHER	OKR00017012	LACEY	N	N	N	N	---	---	---	---	---	Y	Y	N	NNNNNNN
<b>SEABOARD LACEY 4 GRIMES FINISHER</b> OK KINGFISHER	OKR00017004	LACEY	N	N	N	N	---	---	---	---	---	Y	Y	N	NNNNNNN
<b>SEABOARD LACEY 6 MILLER</b> OK KINGFISHER	OKR00016980	DOVER	N	N	N	N	---	---	---	---	---	Y	Y	N	NNNNNNN
<b>SEQUOYAH FUELS CORP</b> OK SEQUOYAH	OKD051961183	GORE	N	N	N	N	---	---	---	---	---	Y	Y	N	NNNNNNN
<b>SHEFFIELD STEEL CORPORATION</b> OK TULSA	OKD007219181	SAND SPRINGS	N	N	N	N	LOG	---	---	---	---	Y	Y	N	NNNNNNN
<b>SINCLAIR OIL CORPORATION-TULSA REFINERY</b> OK TULSA	OKD990750960	TULSA	Y	+	+	N	LOG	L---	L---	L---	---	Y	Y	N	NNNNNNN
<b>SOUTHWEST PICKLING INC</b> OK BRYAN	OKD091991968	DURANT	N	N	N	N	---	---	---	---	---	Y	N	N	NNNNNNN
<b>STANDARD IRON &amp; METAL CO INC</b> OK OKLAHOMA	OKD990699423	OKLAHOMA CITY	N	N	N	N	---	---	---	---	---	Y	Y	N	NNNNNNN
<b>SUN, INC. (R&amp;M)</b> OK TULSA	OKD058078775	TULSA	Y	+	N	N	LOG	L---	---	---	L---	Y	Y	N	NNNNNNN
<b>T. P. I. PETROLEUM, INC. A VALERO CO</b> OK CARTER	OKD057705972	ARDMORE	Y	+	N	N	LOG	L---	L---	L---	---	Y	Y	N	NNNNNNN
<b>TERRA NITROGEN LTD PRTRNSHP VERDIGRIS PL</b> OK ROGERS	OKD990695991	CATOOSA	N	N	N	N	CEG	---	---	---	---	Y	Y	N	NNNNNNN
<b>THOMASON LUMBER CO</b> OK MCCURTAIN	OKD007335524	BROKEN BOW	N	N	+	N	CEG	L---	---	---	L---	Y	Y	N	NNNNNNN
<b>TRICAT INC</b> OK PITTSBURG	OKD987097151	MCALESTER	N	+	N	N	LOG	--S-	--S-	--S-	---	Y	Y	N	NNNNNNN
<b>TULSA CHROME INC</b> OK TULSA	OKD013720271	TULSA	N	N	N	N	---	---	---	---	---	Y	N	N	NNNNNNN
<b>TULSA DISPOSAL, LLC</b> OK TULSA	OKD000632737	TULSA	N	N	N	N	SQG	---	---	---	---	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-----			SNC	Gen	Full Enf. TSD	Oper. TSD	Perm. Workld	Clos. Workld	PostCl Workld	Subj - CA	CA Workld	Trans- porter	Used Oil
			CA	Perm.	PostCl.											
<b>TURNER BROS TRUCKING LLC</b> OK OKLAHOMA	OKD104850524	EDMOND	N	N	N	N	N	---	---	---	---	---	Y	N	U	UUUUUUU
TURNER BROS TRUCKING INC																
<b>UNION PACIFIC - ANADARKO [OLD ENID REF]</b> OK GARFIELD	OKD007234586	ENID	Y	N	+	N	N	---	---	---	---	---	Y	Y	U	UUUUUUU
ANADARKO PETROLEUM																
<b>US AIR FORCE PLANT #3 MCDONNELL DOUGLAS</b> OK TULSA	OK9570000001	TULSA	Y	N	+	N	N	---	---	---	---	---	Y	Y	N	NNNNNNN
CITY OF TULSA																
<b>US ALTUS AIR FORCE BASE</b> OK JACKSON	OK9571824045	ALTUS AFB	Y	N	N	N	LOG	---	---	---	---	---	Y	Y	N	NNNNNNY
UNITED STATES AIR FORCE																
<b>US MCALESTER ARMY AMMUNITION PLANT</b> OK PITTSBURG	OK6213822798	MCALESTER	Y	+	N	N	LOG	--S-	--S-	--S-	---	---	Y	Y	N	NNNNNNN
UNITED STATES DEPARTMENT OF DEFENS																
<b>US TINKER AIR FORCE BASE</b> OK OKLAHOMA	OK1571724391	TINKER AFB	Y	+	N	N	LOG	--S-	--S-	--S-	---	---	Y	Y	U	UUUUUUU
US AIR FORCE																
<b>US VANCE AIR FORCE BASE</b> OK GARFIELD	OK4571524095	VANCE AFB	Y	N	+	N	LOG	--S-	---	---	---	---	Y	Y	U	UUUUUUU
US AIR FORCE																
<b>WEBB BOATS INC</b> OK TULSA	OKD055944342	COLLINSVILLE	N	N	N	N	CEG	---	---	---	---	---	Y	N	N	NNNNNNN
BRADLEY K WEBB																
<b>WYNNEWOOD REFINING COMPANY</b> OK GARVIN	OKD000396549	WYNNEWOOD	Y	+	+	N	LOG	--S-	--S-	--S-	---	---	Y	Y	N	NNNNNNN
WYNNEWOOD REFINING COMPANY																
<b>XEROX CORPORATION</b> OK CANADIAN	OKD079986568	YUKON	N	N	+	N	LOG	---	---	---	---	---	Y	Y	N	NNNNNNN
XEROX CORPORATION																
<b>ZINC CORPORATION OF AMERICA</b> OK WASHINGTON	OKD000829440	BARTLESVILLE	Y	+	+	N	LOG	---	---	---	---	---	Y	Y	N	NNNNNNN
HORSEHEAD INDUSTRIES INC.																

Count for Op: 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

Report an Error

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](#)

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

✓ **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  
 135 **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
-----------------	---------------------	------------	----	-------	------------	--------

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

9

**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

10

<u>HANDLER NAME:</u>	PAULS VALLEY GENERAL HOSPITAL	<u>HANDLER ID:</u>	OKD071223424
<u>STREET:</u>	100 VALLEY DRIVE	<u>FACILITY INFORMATION:</u>	<a href="#">View Facility Information</a>
<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>	<a href="#">MAP</a>
<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

11

<u>HANDLER NAME:</u>	PERRY & ROGERS MOTOR CO	<u>HANDLER ID:</u>	OKD987082831
<u>STREET:</u>	201 S WALNUT	<u>FACILITY INFORMATION:</u>	<a href="#">View Facility Information</a>
<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>	<a href="#">MAP</a>
<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

12  
**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

13  
**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

14  
**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: 73075MAPPING INFO:MAPEPA REGION: 6CONTACT 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

HANDLER NAME: SHERWIN WILLIAMS CO HANDLER ID: OKD055723209STREET: 111 E PAUL AVE FACILITY INFORMATION: [View Facility Information](#)CITY: PAULS VALLEY CORPORATE LINK: NoSTATE: OK COUNTY: GARVINZIP CODE: 73075 MAPPING INFO: MAPEPA REGION: 6CONTACT 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

HANDLER NAME: SHERWIN WILLIAMS CO #7083 HANDLER ID: OKR000004994STREET: 502 S CHICKASAW FACILITY INFORMATION: [View Facility Information](#)CITY: PAULS VALLEY CORPORATE LINK: NoSTATE: OK COUNTY: GARVINZIP CODE: 730754602 MAPPING INFO: MAPEPA REGION: 6CONTACT 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

17

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

18

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

20

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**

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
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**

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
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**

NAICS CODE	NAICS DESCRIPTION
49312	REFRIGERATED WAREHOUSING AND STORAGE

(procname=&program\_search=1&report=1&page\_no=1&output\_switch=TRUE&database\_type=RCRAINFO) Updated from database, January 20, 2011

23

<u>HANDLER NAME:</u>	WAL-MART SUPERCENTER # 1043	<u>HANDLER ID:</u>	OKR000021782
<u>STREET:</u>	2008 W GRANT AVE	<u>FACILITY INFORMATION:</u>	<a href="#">View Facility Information</a>
<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>	<a href="#">MAP</a>
<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>
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

[Go To Top Of The Page](#)

**Total Number of Facilities Displayed: 23**



[NRC Home](#)

QUERY RESULTS

[BACK TO ENTER QUERY](#)  
[CREATE NEW QUERY](#)

1 - 9

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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
<a href="#">View</a>	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
<a href="#">View</a>	176014	INCIDENT	25-MAY-1993 10:34	3 <sup>rd</sup> PIPELINE /LEAKED DUE TO UNKNOWN CAUSE	PIPELINE	UNKNOWN	25-MAY-1993 09:15		OK	PAULS VALLEY	GARVIN	KOCH GATHERING	WATER	OIL: CRUDE
<a href="#">View</a>	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)
<a href="#">View</a>	477820	INCIDENT	23-MAR-1999 11:47	BELOW GROUND 16IN PIPELINE (DOT REGULATED)/PIPELINE DAMAGED BY OUTSIDEPARTY	PIPELINE	OPERATOR ERROR	23-MAR-1999 10:00	5MI NORTH OF PAULS VALLEY	OK	PAULS VALLEY	GARVIN	ARCO PIPELINE	LAND	GASOLINE: AUTOMOTIVE (UNLEADED)
<a href="#">View</a>	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
<a href="#">View</a>	708825	INCIDENT	23-DEC-2003 11:04	CALLER IS REPORTING A GREENISH MATERIAL GOING INTO A CREEK.	UNKNOWN	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
<a href="#">View</a>	709258	INCIDENT	30-DEC-2003 01:13	REPORT THAT TWO TRAINS COLLIDED.	RAILROAD NON-RELEASE	UNKNOWN	29-DEC-2003 22:55	REDROCK SUBDIVISION MILE MARKER 493.64	OK	PAULS VALLEY	GARVIN	BNSF RAILROAD		
<a href="#">View</a>	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)	

<p>STRUCK BY A TRAIN. THERE WERE NO FATALITIES.</p>	<p>CALLER IS REPORTING A MATERIAL RELEASE FROM A LOCOMOTIVE (NS6498) DUE TO UNKNOWN CAUSES AT THIS TIME. CALLER STATES THE LOCOMOTIVE WAS PART OF TRAIN #HDDYTGAL921. THE RELEASE WAS DISCOVERED BY THE TRAIN CREW AT 0110 CST WHILE THE TRAIN WAS HEADING INTO A SIDING. CALLER ALSO STATES THE LOCOMOTIVE BELONGS TO NORFOLK SOUTHERN.</p>	<p>RAILROAD</p>	<p>UNKNOWN</p>	<p>23-JUL-2008 01:10</p>	<p>MILEPOST: 495.6</p>	<p>OK VALLEY</p>	<p>GARVIN</p>	<p>BALLAST</p>	<p>OIL, FUEL: NO. 2-D</p>
<p>View</p>	<p>Incidents</p>	<p>878166</p>	<p>INCIDENT</p>	<p>23-JUL-2008 03:43</p>	<p>PAULS VALLEY, OK THE TOTAL AMOUNT OF MATERIAL INVOLVED WAS DETERMINED TO BE 50 - 100 GALLONS. THE ACTUAL TOTAL AMOUNT OF MATERIAL INVOLVED IN THE RELEASE COULD POSSIBLY BE 2,000 GALLONS DURING THE TRAINS ROUTE FROM ALLANCE, TX (FORT WORTH METRO) TO OKLAHOMA CITY, OK. BUT IT WAS STOPPED IN PAULS VALLEY, OK. THE 2,000 GALLONS OF MATERIAL INVOLVED IN THE RELEASE HAS NOT BEEN DETERMINED AT THIS TIME.</p>				

Click here to view query results in spreadsheet  
1 - 9

BACK TO ENTER QUERY  
CREATE NEW QUERY

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
MCCLAIN	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





**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

<b>Canadian</b>	(Permit Number 3509005) Okla. Environmental Mgmt. Auth. Landfill (OEMA) P.O. Drawer 189 El Reno, OK 73036 Contact: (405) 483-5402	<b>Jackson</b>	(Permit Number 3533005) Altus Municipal Landfill City of Altus 300 East Commerce Altus, OK 73521 Contact: (580) 481-2251
<b>Carter</b>	(Permit Number 3510007) Southern Oklahoma Regional Disposal, Inc. (SORD) PO Box 1088 Ardmore, OK 73402 Contact: (580) 226-1276	<b>Kay</b>	(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
<b>Comanche</b>	(Permit Number 3516015) Lawton Landfill 4th & A Avenue Lawton, OK 73501 Contact: (580) 581-3468 > Will only accept Comanche County waste.	<b>Lincoln</b>	(Permit Number 3541013) Center Point Landfill RR 2, Box 29-2 Prague, OK 74864 Contact: (405)567-3806
<b>Garfield</b>	(Permit Number 3524006) City of Enid Municipal Landfill City of Enid P.O. Box 1768 Enid, OK 73702-1768 Contact: (580) 249-4917	<b>Major</b>	(Permit Number 3547002) Red Carpet Landfill PO Box 137 Meno, OK 73754 Contact: (580) 776-2255
<b>Grady</b>	(Permit Number 3526013) Southern Plains Landfill PO Box 355 Alex, OK 73002 Contact:	<b>McCurtain</b>	(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	<b>Muskogee</b>	(Permit Number 3551020) Muskogee Community Landfill City of Muskogee 2801 S. 54th Street West Muskogee, OK 74401 Contact: (918) 682-7284
<b>Oklahoma</b>	(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

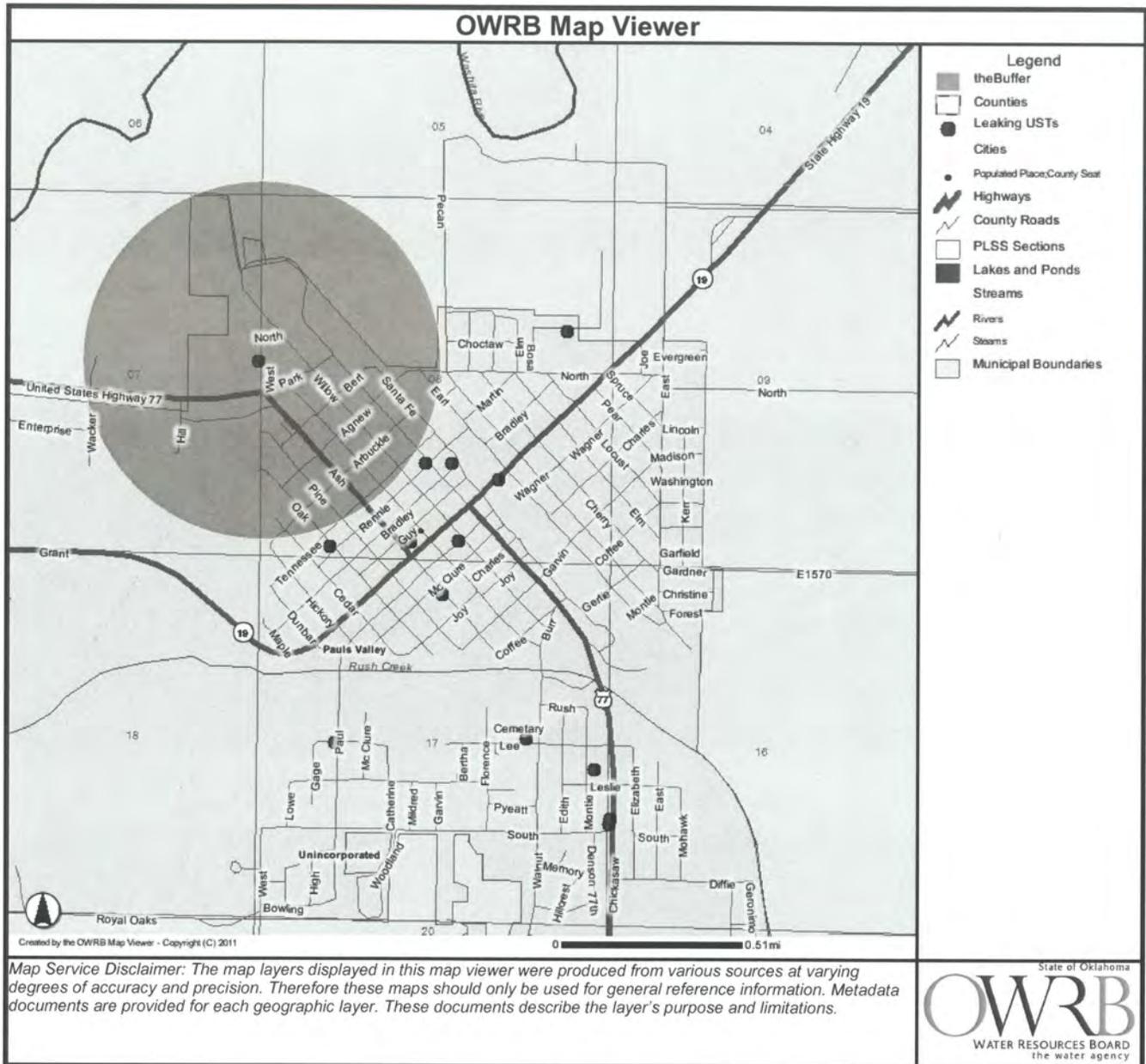
	(Permit Number 3555018) Oklahoma Landfill Company 7600 SW 15 <sup>th</sup> St. Oklahoma City, OK 73128 Contact: (405) 745-3002 & 203-6146	<b>Noble</b> <b>Pottawatomie</b>	(Permit Number 3563005) Absolute Waste Solutions PO Box 1457 Guthrie, OK 73044 Contact: (405) 282-3317
	(Permit Number 3555028) Southeastern 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
<b>Osage</b>	(Permit Number 3557021) American Environmental Landfill 1420 West 35 <sup>th</sup> St., Suite B Tulsa, OK 74107-3814 Contact: (918) 245-7786	<b>Seminole</b>	(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	<b>Sequoyah</b>	(Permit Number 3568008) Sallisaw Landfill City of Sallisaw PO Box 525 Sallisaw, OK 74055 Contact: (918) 775-6241
<b>Payne</b>	(Permit Number 3560010) HEW Waste System, Stillwater Sanitary Landfill 1717 E. Yost Rd. Stillwater, OK 74075 Contact: (405) 372-6628	<b>Tulsa</b>	(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
<b>Pittsburg</b>	(Permit Number 3561012) City of McAlester P.O. Box 578 McAlester, OK 74502 918-421-4995 or 918-421-4967	<b>Wagoner</b>	(Permit Number 3573021) 51-B (Porter) Landfill #1 1225 North 161 <sup>st</sup> 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		
<b>Pontotoc</b>	(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 7/160 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 gases 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)

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

Oklahoma Military Department

Street Address

301 Military Circle, N.E.

Oklahoma City, Oklahoma 73111

City State ZIP Code

427-8371

Phone Number

Type of Owner (Mark all that apply)

- Owner  
 State or Local Gov't  
 Private or Corporate  
 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 )

Job Title

Area Code

Phone Number

Edward L. Harwell

Environmental Engr

(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 information is true, accurate, and complete.

Name 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 Assigned Sequential Number (e.g., 1,2,3...)	Tank No.	Tank No.	Tank No.	Tank No.	Tank No.
<b>1. Status of Tank</b> (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"/>
<b>2. Service Life (Years)</b>	15				
<b>3. Total Capacity (Gallons)</b>	1000				
<b>4. Material of Construction</b> (Mark all that apply) <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"/>
<b>5. Internal Protection</b> (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"/>
<b>6. External Protection</b> (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"/>
<b>7. Coating</b> (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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8. Substance Currently or Last Stored</b> (Mark all that apply) <input type="checkbox"/> a. Empty <input type="checkbox"/> b. Petroleum <input type="checkbox"/> Diesel <input type="checkbox"/> Kerosene <input type="checkbox"/> Gasoline (including alcohol blends) <input checked="" type="checkbox"/> Used Oil <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Unknown <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9. Additional Information (for tanks permanently taken out of service)</b>					
a. Estimated date last used (mo/yr)	/	/	/	/	/
b. Estimated quantity of substance remaining (gal.)					
c. Mark box <input 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 / RCPA  
1ST

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

WPS7A0-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.**

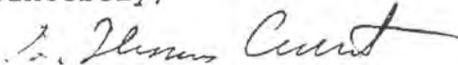
The OCC is responsible for ensuring that the environment, the State's waters and public health are protected from Underground Storage Tank system releases of regulated substances. If you do not already have a copy, the UST Rules and Regulations and Oklahoma Risk-Based Corrective Action (ORBCA) Guidance 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

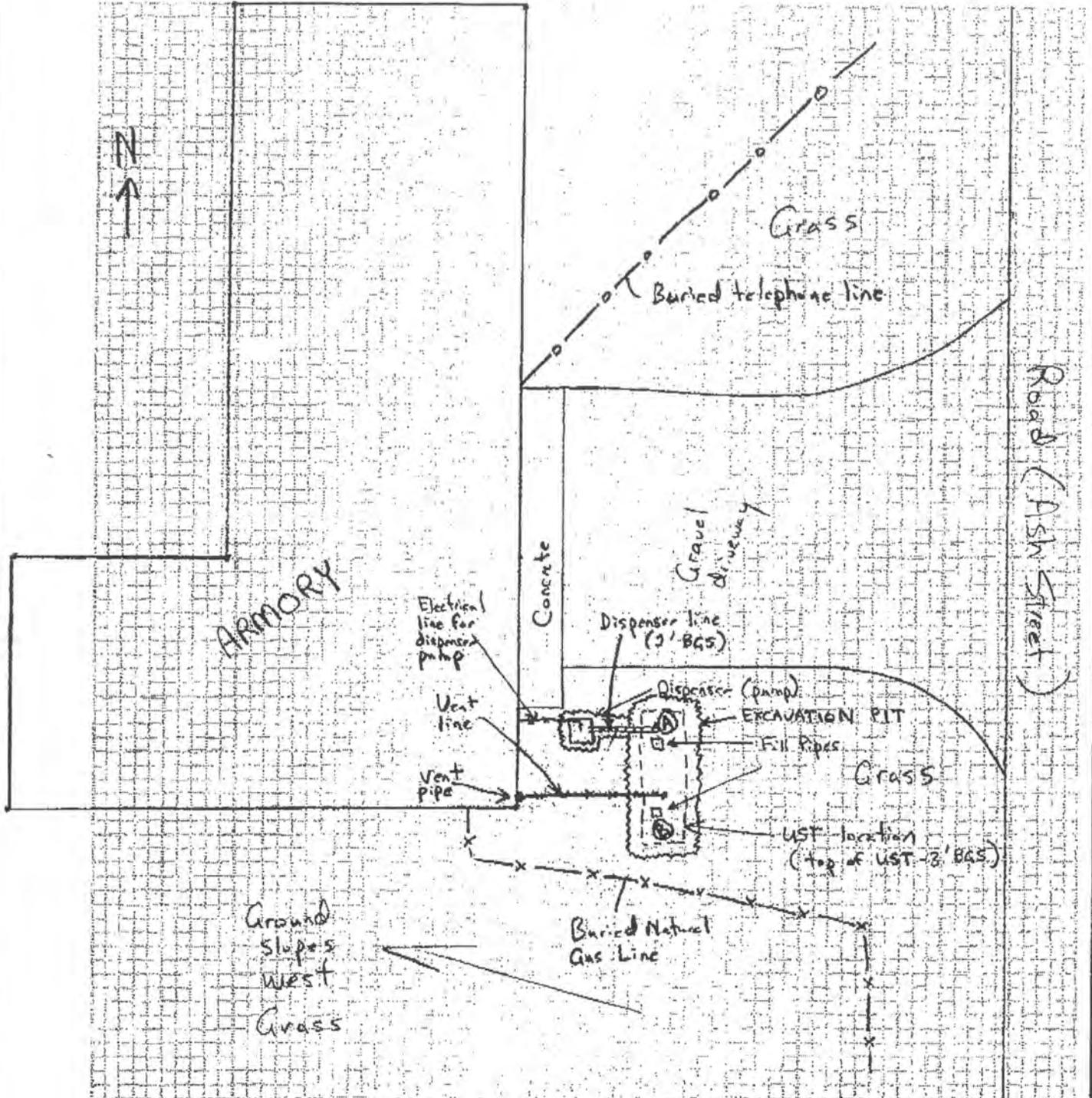
From: Terry Andrews  
UST consultant #344

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.

IMAGED 6/17/2003

PROJECT: Pauls 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 5 feet BGS (approx. 5 feet below tank)
- (B) Native soil sample B - called in soil 10 feet BGS (approx. 4 feet below tank)

IMAGED 6/17/2003

FAKES: 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 5030/80158		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.

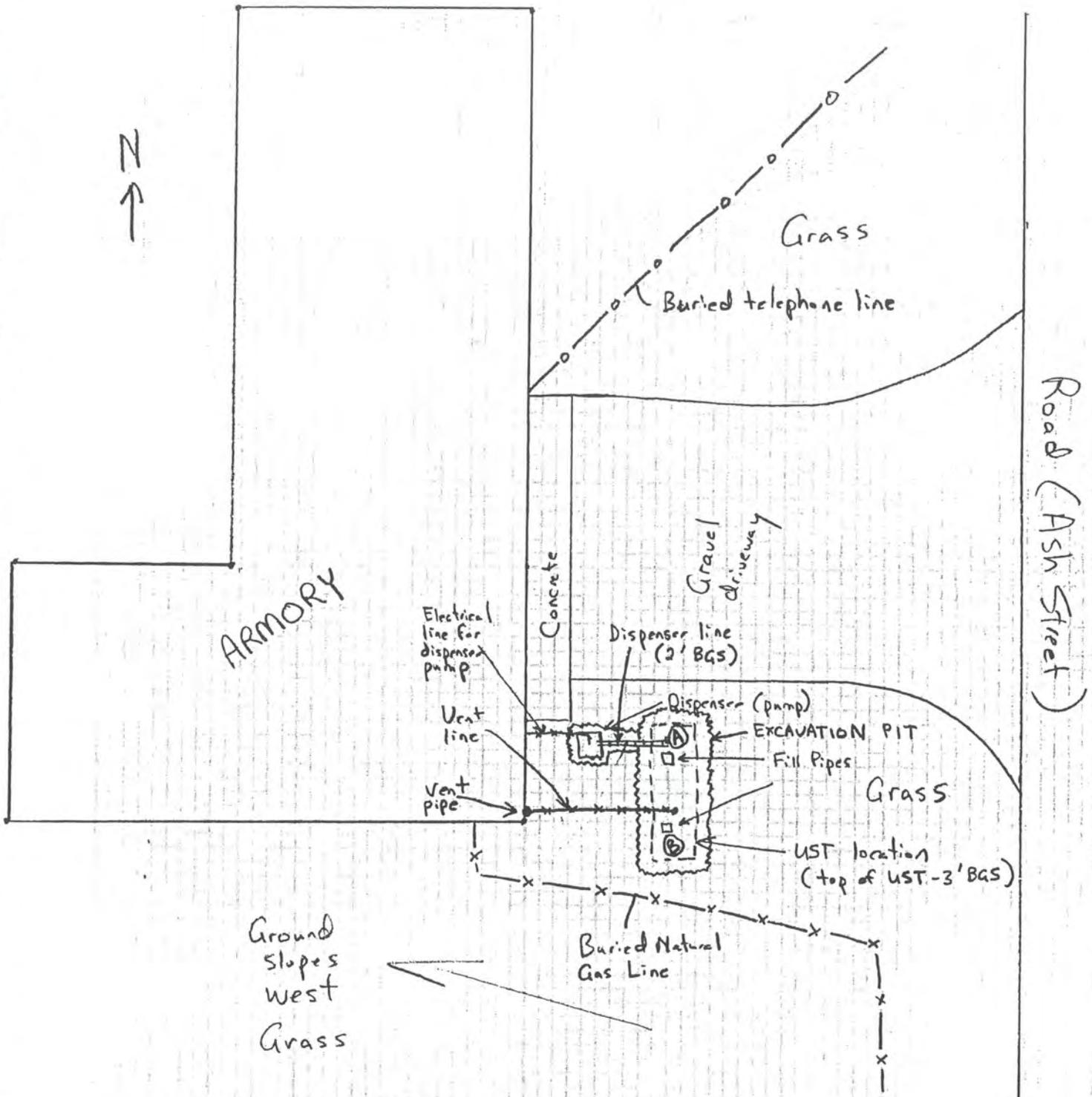
**Attachments:**

**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 BAS (approx. 5 feet below tank)
  - Ⓑ Native soil sample B - called in soil 10 feet BAS (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 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 : D97-11657-1

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 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	%



# 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

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

Invoice to  
 Company: Same  
 Address: \_\_\_\_\_  
 Contact: Julie Caldwell  
 Phone: 405-329-7167  
 PO/SO #: \_\_\_\_\_

Sampler's Name  
Terry Andrews

Sampler's Signature  


Proj. No. \_\_\_\_\_  
 Project Name  
Pauls Valley OMD

No./Type of Containers<sup>2</sup>

Matrix <sup>1</sup>	Date	Time	C a m p l e	g i d e	Identifying Marks of Sample(s)	VOA	AG 1 LL	250 ml	P/O
S	9/24/97	09:30	X		Sample A, South end of hole			2	
S	9/24/97	09:45	X		Sample B, North end of hole			2	

ANALYSIS  
 REQUESTED

BTEX  
TPH (gasoline range)  
Naphthalene

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

**ORIGINAL**

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

Matrix \_\_\_\_\_ W.W. - Wastewater \_\_\_\_\_ W. - Water \_\_\_\_\_ S. - Soil \_\_\_\_\_ SD - Solid \_\_\_\_\_ L. - Liquid \_\_\_\_\_ A. - Air Bag \_\_\_\_\_ C. - Charcoal tube \_\_\_\_\_ SL - Sludge \_\_\_\_\_  
 Container \_\_\_\_\_ VOA - 40 ml vial \_\_\_\_\_ A/G - Amber / Or Glass 1 Liter \_\_\_\_\_ 250 ml - Glass wide mouth \_\_\_\_\_ P/O - Plastic or other \_\_\_\_\_ O - Oil \_\_\_\_\_

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

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:

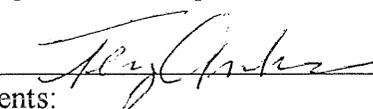
 Date 11/10/97

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.
<b>1. Status of Tank</b> (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"/>
<b>2. Date of Installation</b> (mo./year)	1950?			
<b>3. Estimated Total Capacity</b> (gallons)	1,000			
<b>4. Material of Construction</b> (Mark all that apply) <ul style="list-style-type: none"> <li>Coated or Bare Steel <input checked="" type="checkbox"/></li> <li>Cathodically Protected Steel <input type="checkbox"/></li> <li>Composite (Steel with Fiberglass) <input type="checkbox"/></li> <li>Fiberglass Reinforced Plastic <input type="checkbox"/></li> <li>Lined Interior <input type="checkbox"/></li> <li>Double Walled <input type="checkbox"/></li> <li>Polyethylene Tank Jacket <input type="checkbox"/></li> <li>Concrete <input type="checkbox"/></li> <li>Excavation Liner <input type="checkbox"/></li> <li>Unknown <input type="checkbox"/></li> <li>Other, Please specify _____</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tank Identification Number	Tank No. <u>1</u>	Tank No. _____	Tank No. _____	Tank No. _____
<b>5. Piping (Material)</b> (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"/>
<b>6. Piping (Mark all that apply)</b> 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"/>
<b>7. Substances Currently or Last Stored in Greatest Quantity.</b> 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	_____	_____	_____	_____
<b>VIII. TANKS OUT OF USE, OR CHANGE IN SERVICE</b>				
<b>1. Closing of Tank</b> 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	µg/Kg	<	2000	µg/Kg
Ethylbenzene	2000	µg/Kg		19000	µg/Kg
Toluene	2000	µg/Kg		2000	µg/Kg
Xylenes	2000	µg/Kg		142000	µg/Kg
Naphthalene				22600	µg/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

Company: Seaw  
 Address: \_\_\_\_\_  
 Contact: Julie Caldwell  
 Phone: 405-329-7167  
 PO/SO #: \_\_\_\_\_

Sampler's Name: Terry Andrews  
 Project No.: \_\_\_\_\_  
 Project Name: Pauls Valley OMD  
 Sampler's Signature: Terry Andrews

Matrix	Date	Time	Identifying Marks of Sample(s)	VOA	AG	250 ml	P/O	No./Type of Containers <sup>2</sup>
S	9/24/97	8:30	Sample A, South end of hole			2		
S	9/24/97	9:15	Sample B, north end of hole			2		

**ANALYSIS REQUESTED**  
 BTEX  
 TPH (gasoline range)  
 Naphthalene

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

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

Relinquished by: (Signature) [Signature] Date: 9/24/97 Time: 14:00 Received by: (Signature) [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: \_\_\_\_\_

Matrix: WW - Wastewater W - Water S - Soil SD - Solid L - Liquid A - Air Bag  
 Container: VOA - 40 ml vial A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth C - Charcoal tube P/O - Plastic or other  
 SL - Sludge O - Oil

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

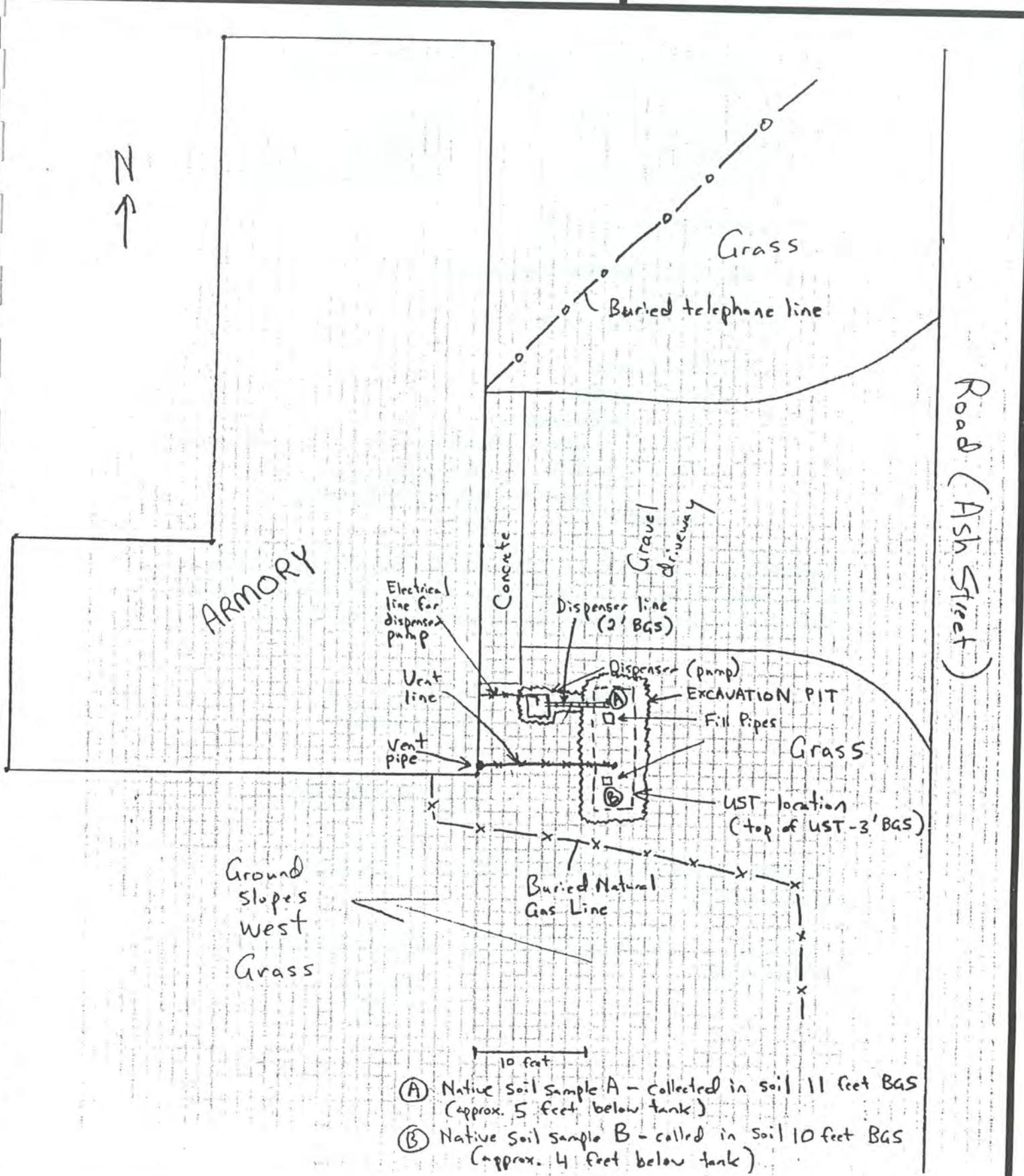
**ORIGINAL**

Inchoape cannot accept verbal changes. Please Fax written changes to 972-238-5592

Lab use only  
 Due Date: \_\_\_\_\_  
 Temp. of coolers when received (C°): \_\_\_\_\_  
 Custody Seal Intact N/  
 Screened For Radioactivity

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



- 10 feet
- (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)

Date: 9-26-97.  
Completed By: TDA.

### CERTIFICATE OF DESTRUCTION

**Scrapping/Disposal Company:**      **Site of Destruction:**

Washita Pipe and Steel.  
P.O. Box 391.  
Chickasha, Oklahoma.

Armory.  
1001 N. Ash  
Pauls Valley, Oklahoma.

**Tank Removal Contractor:**

Caldwell Environmental Associates, Inc.  
P.O. Box 1608.  
Norman, Oklahoma 73070.

**Tank Identification:**

Tank #: 2505778

Size: 1000 Gallon.

Location:      Company: Oklahoma Military Department Armory.

Address: 1001 N. Ash

City/State: Pauls Valley, Oklahoma .

**Destruction Date:**      9-24-97.

I certify that the above described tank has been rendered unusable for the storage of any fluids, and all removed fluids, sludge and the tanks were disposed of in accordance with all applicable local, state, and federal regulations.

**Signature:**



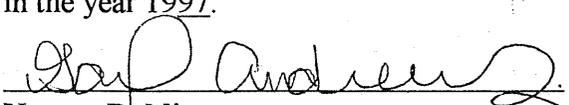
Terry Andrews

By

Senior Hydrogeologist.

Title

Subscribed & Sworn to before me this 26 day of September  
in the year 1997.

  
Notary Public      My Commission Expires:

Sept. 11, 1999.

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 <sup>south end</sup> 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 back, 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

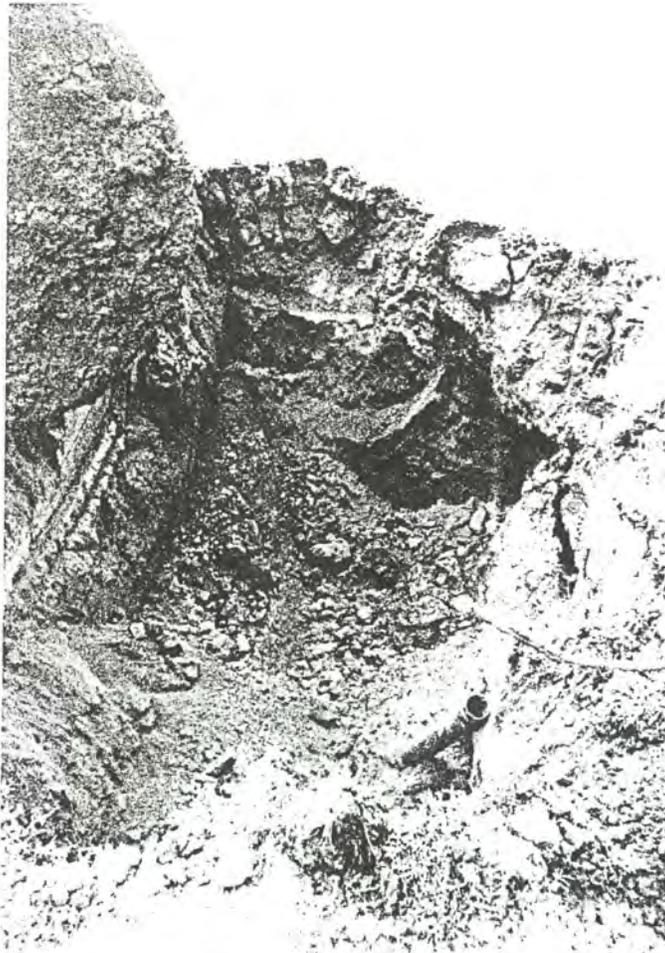


Picture of  
UST after  
destruction.

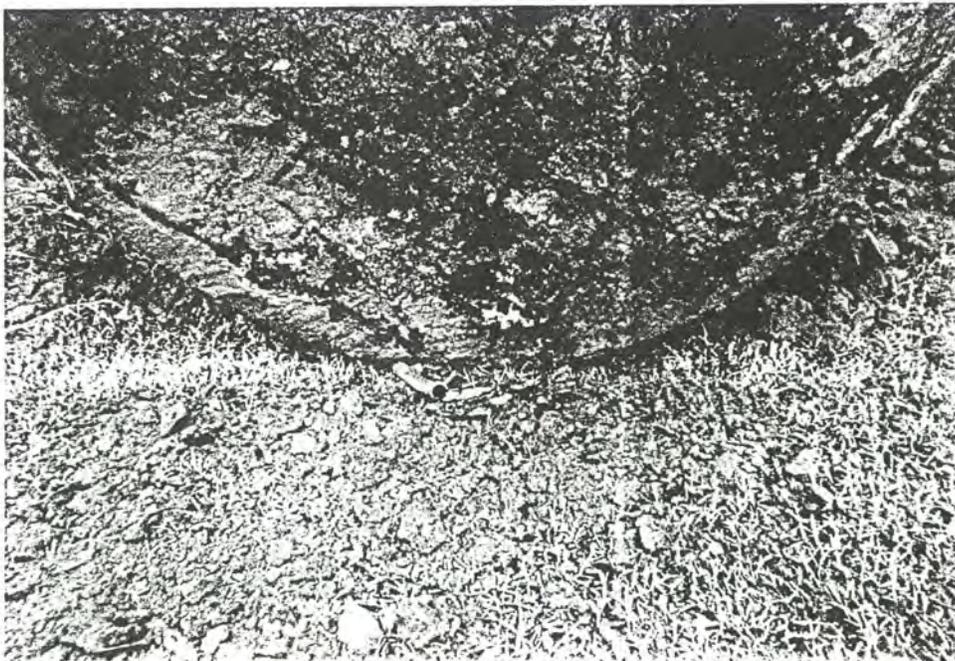


PROJECT: Pauls Valley OMD SHEET: 2 OF 2

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**

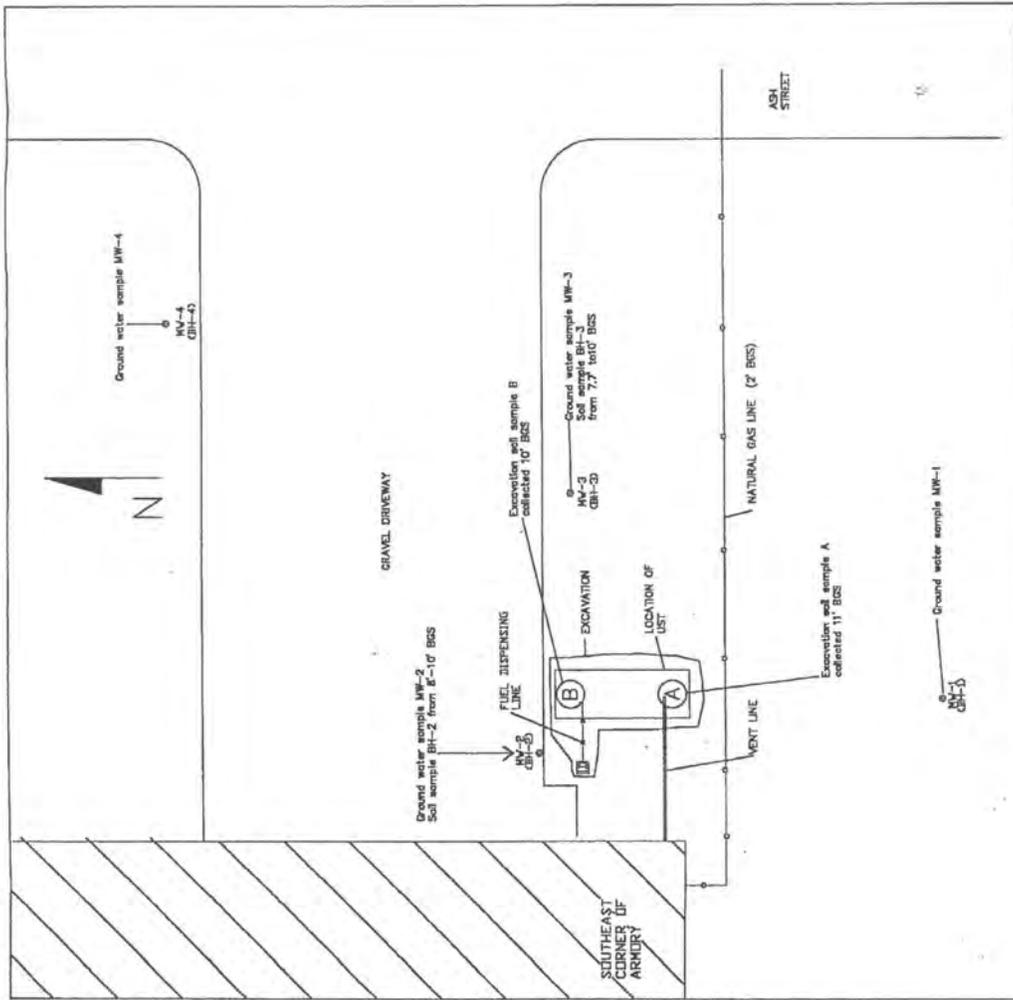
**CASE #064-1975  
FACILITY #67-05778**

**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

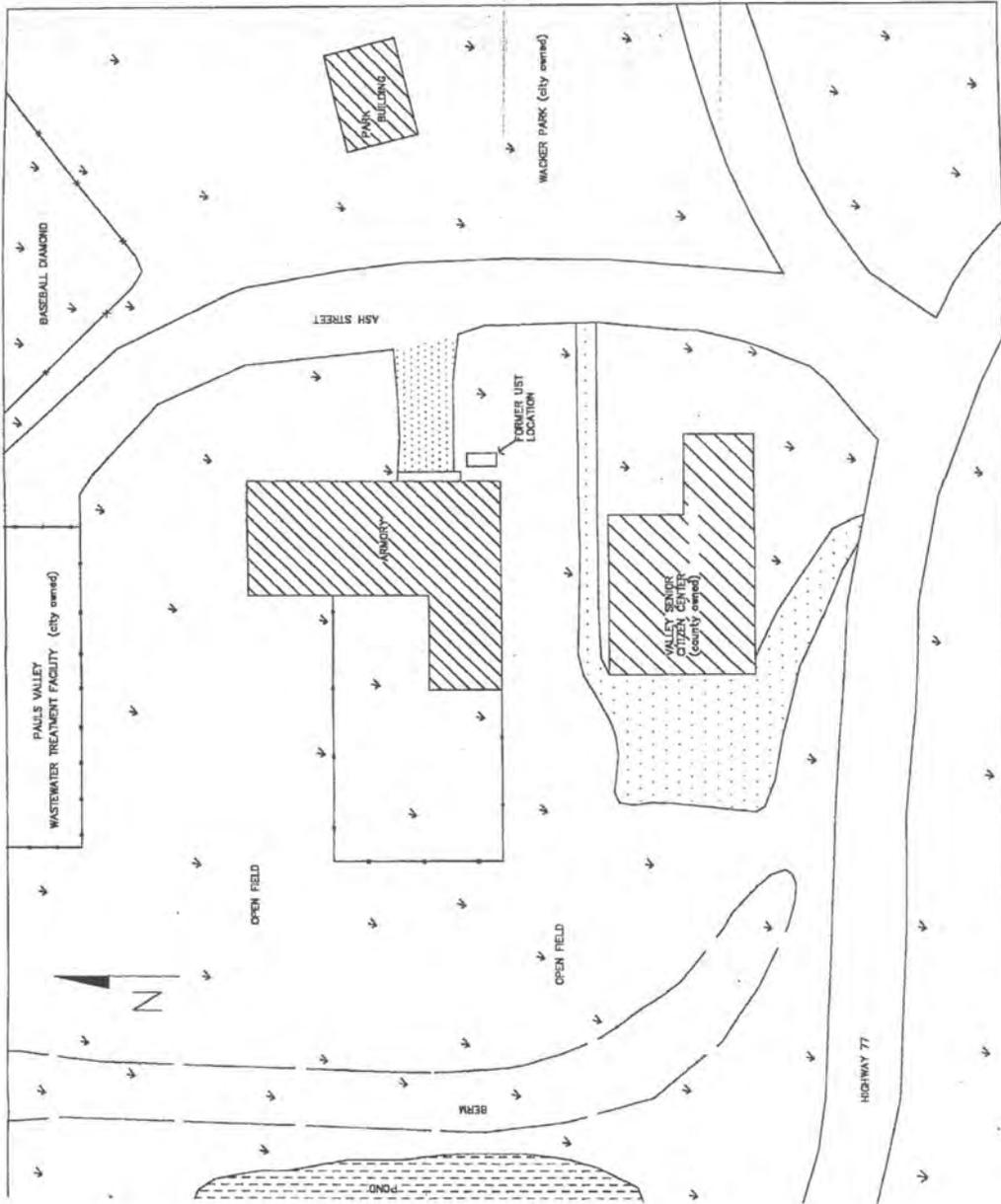
PREPARED BY: TDA CHECKED BY: DHC

*Caldwell Environmental Associates, Inc.*

2270 Industrial Blvd.

Tulmar OK 73069

CE



# LEGEND

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



## AREA MAP

PREPARED 12/2/97 FROM SITE VISIT ON 11/19/97

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

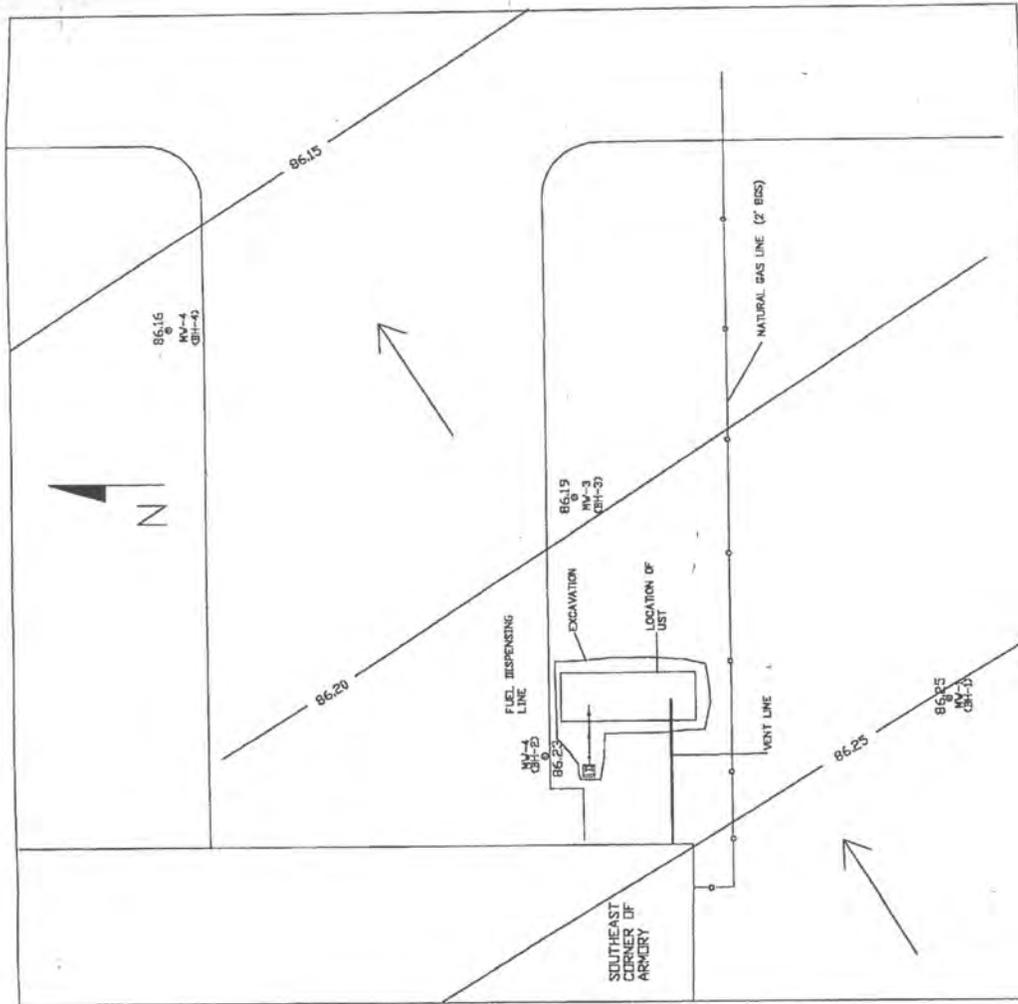
WELL NO.	TOP OF CASING ELEV. (FEET)	GROUND ELEV. (FEET)
MW-1	95.78	95.98
MW-2	96.27	96.47
MW-3	95.59	95.79
MW-4	95.33	95.53

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



<b>Ground Water Gradient Map</b>	
prepared 11/25/97	
DOCUMENT: PAULS VALLEY ARMORY TIER 1/1A EVALUATION	
CLIENT: OKLAHOMA MILITARY DEPARTMENT	
PREPARED BY: TDA	CHECKED BY: DHC
<i>Caldwell Environmental Associates, Inc.</i>	
2270 Industrial Blvd.	
Tulsa, OK 74109	







**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.

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 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

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.

**TABLE OF CONTENTS**

EXECUTIVE SUMMARY ..... i

1.0 INTRODUCTION, LOCATION, AND SITE HISTORY ..... 1

    1.1 Introduction ..... 1

    1.2 Location and Description ..... 1

    1.3 Site History ..... 1

2.0 SUMMARY OF ANALYTICAL RESULTS ..... 2

3.0 SITE CLOSURE PROCEDURES ..... 2

**LIST OF TABLES**

Summary of Soil Sample Analytical Results

Summary of Ground Water Sample Analytical Results

**LIST OF FIGURES**

Site Location Map

Site Map

**LIST OF APPENDICES**

Appendix A: Regulatory Correspondence

Appendix B: OWRB Monitor Well Plugging Reports

**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





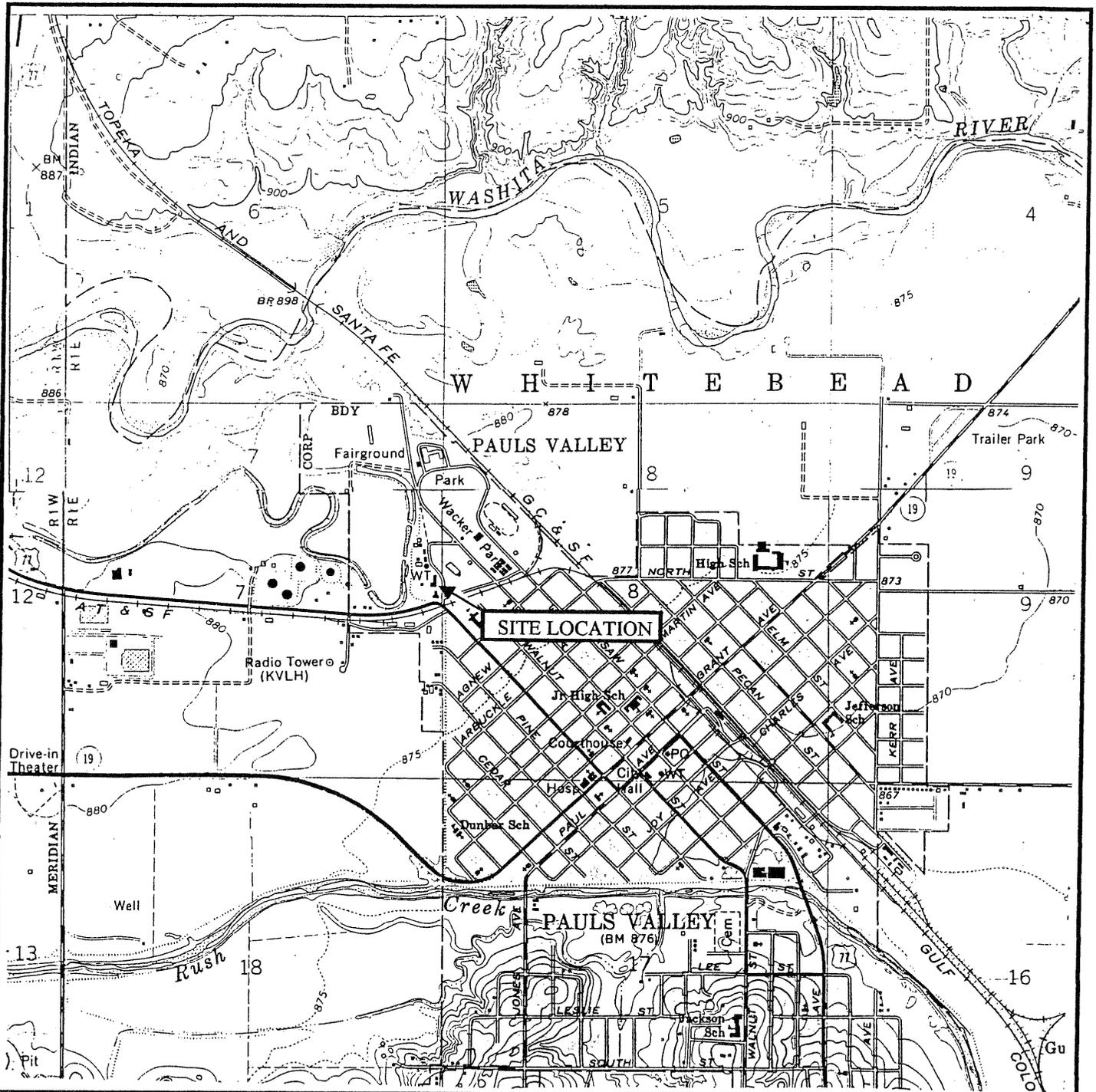
## Figures



Figure 1

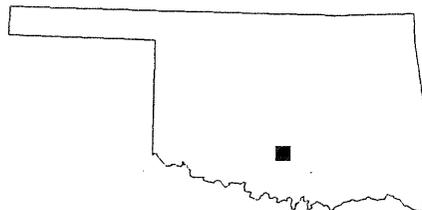
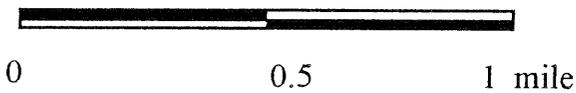
Figure 2





OKLAHOMA

SCALE



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. 86.20 Water elev. measured on 11/6/97
- FUEL DISPENSER
- ⊖ NATURAL GAS LINE
- || 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

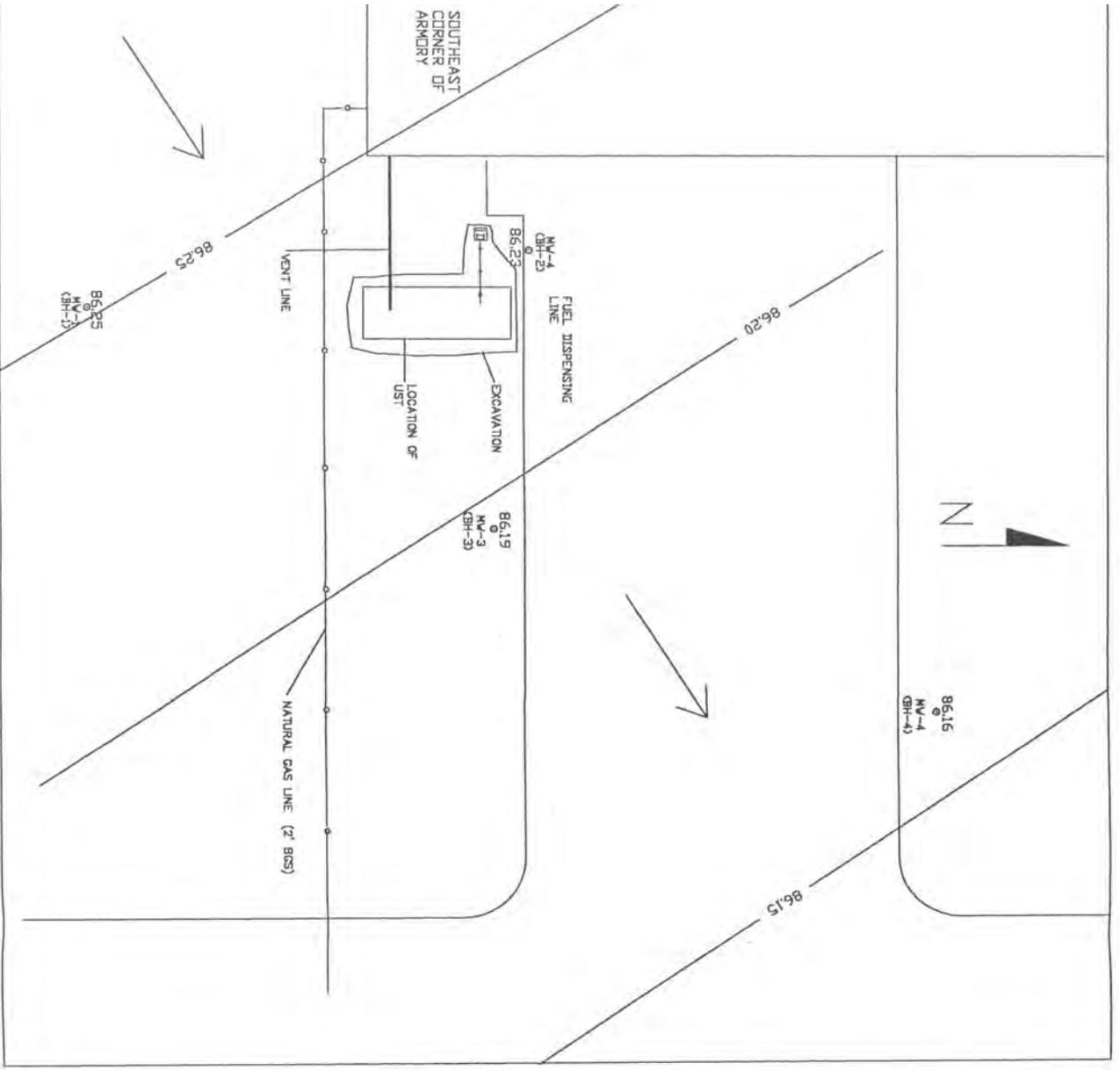
prepared 11/25/97

DOCUMENT: PAULS VALLEY ARMORY TIER 1/1A EVALUATION

CLIENT: OKLAHOMA MILITARY DEPARTMENT

PREPARED BY: TDA CHECKED BY: DHC

*Gardwell Environmental Associates, Inc.*  
 2270 Industrial Blvd.  
 Norman, OK 73069



## APPENDICES

**APPENDIX A**

**REGULATORY CORRESPONDENCE**

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)

**APPENDIX B**

**OWRB MONITOR WELL PLUGGING REPORTS**



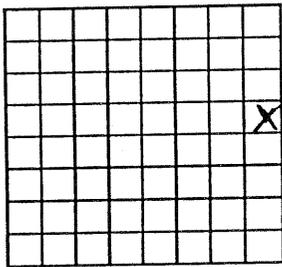
The remainder of the page is filled with a large, extremely faint table. The table has multiple columns and rows, but the content is completely illegible. It appears to be a data table for monitoring well plugging reports, with columns likely representing well identifiers, dates, and plugging details.



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-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.

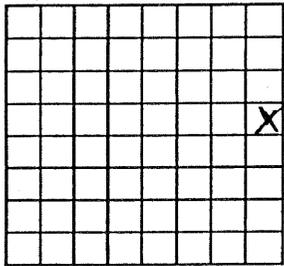
Firm Name CALDWELL ENVIRONMENTAL    D/PC No. 0471  
 Operator Name DAVID H. COITENDOUR    OP No. 0985  
 Address P.O. BOX 1608, NORMAN, OK 73065    Phone (405) 329-7167  
 Signature David H. Coitendour    Date 10/5/2000



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.

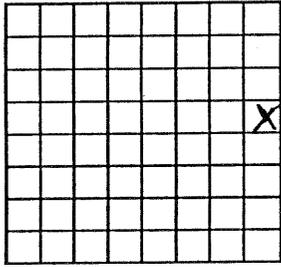
Firm Name CALDWELL ENVIRONMENTAL    D/PC No. 0471  
 Operator Name DAVID H. COHENOUR    OP No. 0985  
 Address P.O. BOX 1608, NORMAN, OK 73065    Phone (405) 329-7167  
 Signature David H. Cohenour    Date 10/5/2000



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

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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

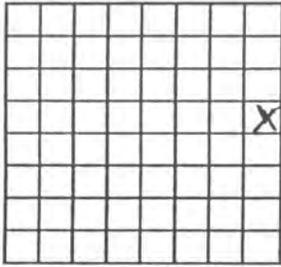
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Ten Acres

# 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-  
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,

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

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July 20, 1994

Jim Shiflet  
PO Box 922021  
Houston, TX 77292-2021

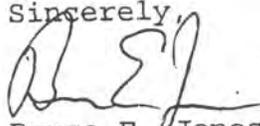
RE: Tank Removal, 2500697

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.

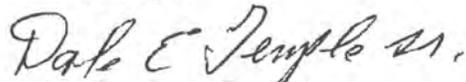
July 7, 1994  
E-Z Serve Management Co.  
Attn: Mr. Jim Shiflet

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,



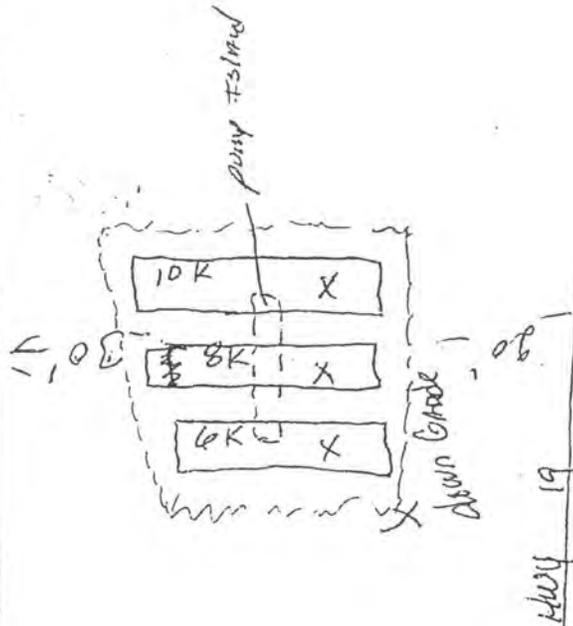
Dale E. Temple, Sr.  
Chief Executive Officer

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.

north  
↑



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

1,4-Difluorobenzene  
4-Bromofluorobenzene

% Recovery  
91  
87

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

Petroleum Extractables  
METHOD Mod. 418.1\*  
Analyzed by: SV  
Date: 06/24/94

17 10 mg/Kg

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

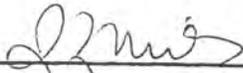
This sample was randomly selected for use in the SPL quality control program. Samples chosen are fortified with a known concentration in duplicate. The results are as follows:

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:

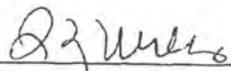
-- SPIKE ANALYSIS --

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*



SPL HOUSTON ENVIRONMENTAL LABORATORY

SAMPLE LOGIN CHECKLIST

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

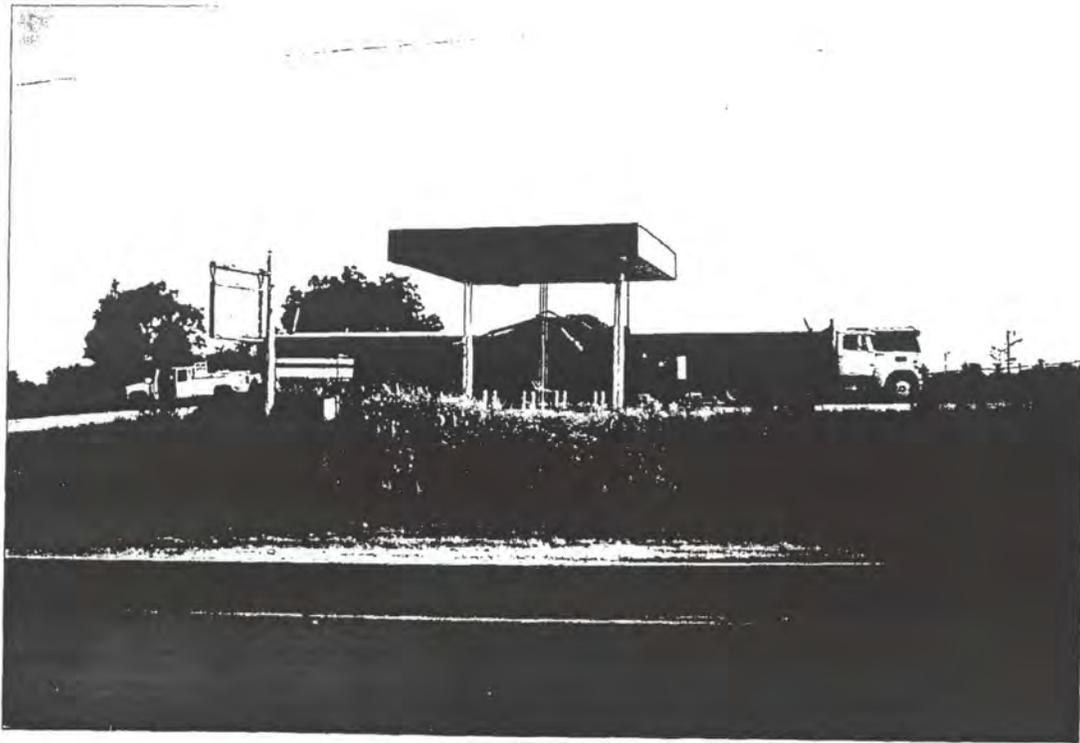
CLIENT SAMPLE NOS.

SPL SAMPLE NOS.: 9406933

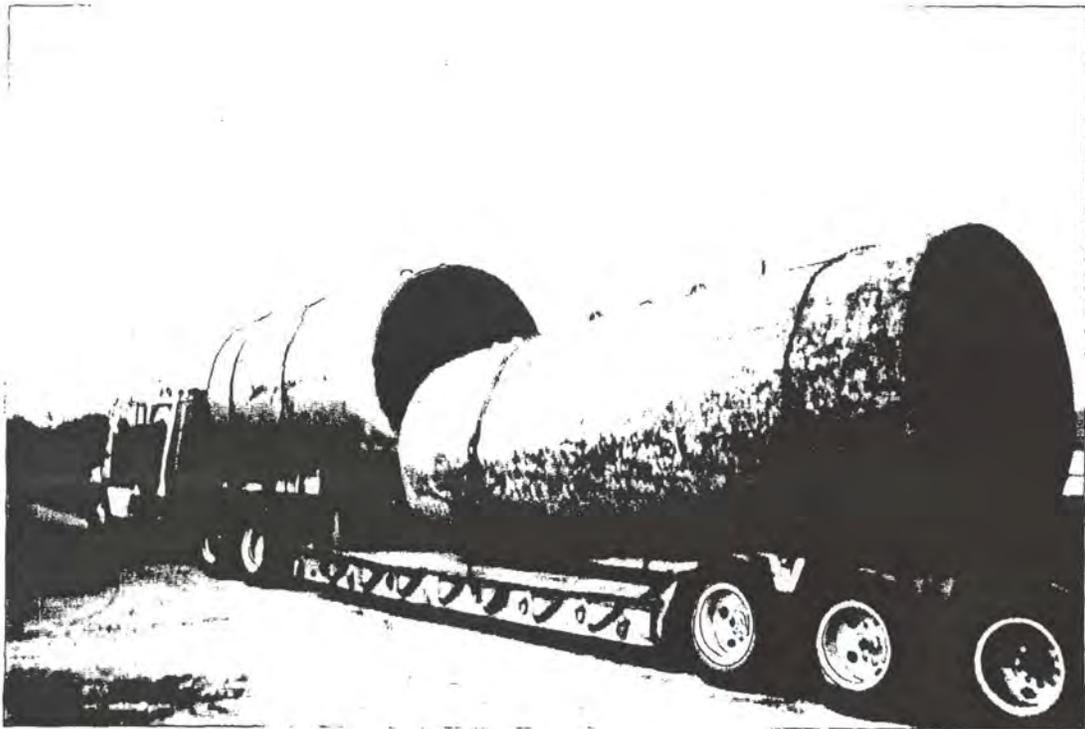
- 1. Is a Chain-of-Custody form present? YES NO
2. Is the COC properly completed? YES NO
3. Is airbill/packing list/bill of lading with shipment? YES NO
4. Is a USEPA Traffic Report present? YES NO
5. Is a USEPA SAS Packing List present? YES NO
6. Are custody seals present on the package? YES NO
7. Are all samples tagged or labeled? YES NO
8. Do all shipping documents agree? YES NO
9. Condition/temperature of shipping container: 3 IMPACT
10. Condition/temperature of sample bottles: 3 GOOD
11. Sample Disposal?: SPL disposal 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: E2 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"

<b>Notification for Underground Storage Tanks</b>		<b>STATE USE ONLY</b>	
<small>State Agency Name and Address</small>		ID NUMBER	0500697
<b>TYPE OF NOTIFICATION</b>		DATE RECEIVED	
<input type="checkbox"/> A. NEW FACILITY <input type="checkbox"/> B. AMENDED <input checked="" type="checkbox"/> C. CLOSURE		A. Date Entered into Computer _____	
_____ No. of tanks at facility      _____ No. of continuation sheets attached		B. Data Entry Clerk Initials _____	
<b>INSTRUCTIONS</b>		C. Owner Was Contacted to Clarify Responses. Comments _____	
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 8002 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 8002 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 water 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.

<b>I. OWNERSHIP OF TANK(S)</b>		<b>II. LOCATION OF TANK(S)</b>	
Owner Name (Corporation, Individual, Public Agency, or Other Entity) E-Z Serve Petroleum Mkt. Co. Street Address 2550 N. Loop W., Ste. 1000 Houston TX 77092 Harris County (713) 684-4300 <small>Phone Number (Include Area Code)</small>		<small>If required by State, give the geographic location of tanks by degrees, minutes, and seconds. Examples Lat. 42, 36, 12 N Long. 68, 24, 17 W</small> Latitude _____ Longitude _____ (If same as Section I, mark box here <input type="checkbox"/> ) Facility Name or Company Site Identifier, as applicable Oklahoma Outpost Street Address (P.O. Box not acceptable) Hwy. 19 Pauls Valley, Oklahoma 73120 Carruth City 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	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 (Airlines)	<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
--	---------------	------------------------

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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Temporarily Out of Use <small>(Remember to fill out section X.)</small>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Permanently Out of Use <small>(Remember to fill out section X.)</small>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Amendment of Information	<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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Cathodically Protected Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Epoxy Coated 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					
Has tank been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Piping (Material) (Mark all that apply)	Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Galvanized Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Copper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Cathodically Protected	<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"/>
	Secondary Containment	<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					
6. Piping (Type) (Mark all that apply)	Suction: no valve at tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Suction: valve at tank	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Pressure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Gravity Feed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Has piping been repaired?	<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. _____
<b>7. Substance Currently or Last Stored In Greatest Quantity by Volume</b> Gasoline Diesel Gasohol Kerosene Heating Oil Used Oil Other, Please specify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Hazardous Substance CERCLA name and/or, CAS number</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Mixture of Substances Please specify</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>X. TANKS OUT OF USE, OR CHANGE IN SERVICE</b>					
<b>1. Closing of Tank</b> <b>A. Estimated date last used (mo./day/year)</b>	<u>06/94</u>	<u>06/94</u>	<u>06/94</u>	<input type="checkbox"/>	<input type="checkbox"/>
<b>B. Estimate date tank closed (mo./day/year)</b>	<u>6/31/94</u>	<u>6/31/94</u>	<u>6/31/94</u>	<input type="checkbox"/>	<input type="checkbox"/>
<b>C. Tank was removed from ground</b> <b>D. Tank was closed in ground</b> <b>E. Tank filled with inert material Describe</b> <b>F. Change in service</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Site Assessment Completed</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Evidence of a leak detected</b>	<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 Perxel 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

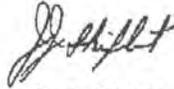
713 684 4366

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

Closed Nov 7-20-94  
- for closed site another

OKLAHOMA CORPORATION COMMISSION  
FUELS DIVISION

NOTICE of VIOLATION

Facility Information      Fac. I. D. 25-00697 Violation Case # 1233

Owner Name E-Z Service Inc.      Location Name Outlet Pro. & Station

Owner Address 10700N 1-45, Suite 500      Location Address 5 1/2 mi. E. Hwy 19

City/State/Zip Houston, Texas 77047      City/State/Zip Pawnee Valley, Okla

---

Responsible Person/Operator E-Z Service      Phone \_\_\_\_\_

Mailing Address 10700N F45, Suite 500      City/State/Zip Houston, Texas 77031-1187

---

Description of Non-Compliance - Underground Storage Tank

<input type="checkbox"/> 11 Registration	<input type="checkbox"/> 12 Release Reporting	<input type="checkbox"/> 13 Repair Procedures
<input type="checkbox"/> 14 Recordkeeping	<input checked="" type="checkbox"/> 15 Closure Procedures	<input type="checkbox"/> 16 Release Detection
<input type="checkbox"/> 17 Installation	<input type="checkbox"/> 18 Facility Upgrading	<input type="checkbox"/> 19 Corrosion Protection
<input type="checkbox"/> 20 Spill & Overfill Equipment	<input type="checkbox"/> 21 Corrective Action Requirements	

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Description of Non-Compliance - Aboveground Storage Tanks

<input type="checkbox"/> 30 Registration	<input type="checkbox"/> 32 Release Reporting	<input type="checkbox"/> 31 Installation
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Description of Non-Compliance - Fuels

<input type="checkbox"/> 50 Meter Accuracy	<input type="checkbox"/> 51 Water in Tank	<input type="checkbox"/> 52 Product Off/Spec
<input type="checkbox"/> 53 Dispenser Equip	<input type="checkbox"/> 54 Dispenser Labels	<input type="checkbox"/> 55 Misc. or Other
<input type="checkbox"/> 56 Tank/Line Labels	<input type="checkbox"/> 57 Unlicensed Antifreeze	

---

Field Action Taken

<input type="checkbox"/> Joint Inspection with Operator	Date _____
Date of Follow-up Inspection	Date _____
<input type="checkbox"/> Follow-up Inspection	Date _____
<input type="checkbox"/> Violations Were Corrected      Inspector's Initials _____	Date _____

Remarks \_\_\_\_\_

See attached inspection report for further details.

---

For Office Use Only

<input type="checkbox"/> Referred to Legal for Action	By _____	Date _____
<input type="checkbox"/> Request Enforcement Action	<input type="checkbox"/> Request Formal Action	
<input type="checkbox"/> Other _____		

---

Remarks: This station has been closed since 06-08-92

---

Inspector Jon Miller      Date 4 Feb 94

I acknowledge receipt of this document as "NOTICE" of violation of the regulations of the Oklahoma Corporation Commission.

Inspection report  was/  was not attached to this document when I received it.

Owner/Operator \_\_\_\_\_      Date \_\_\_\_\_

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.

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OKLAHOMA CITY, OKLAHOMA 73105

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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:

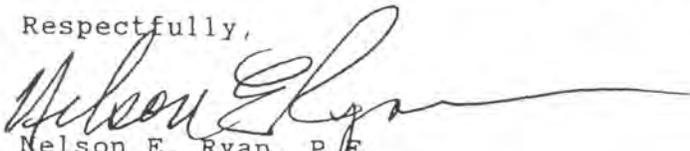
1. The system must be permanently closed if the performance standards are not met for:
  - A. Upgraded UST system (Except for spill and overfill protection), OR
  - B. New UST systems, installed after 12/22/88.
2. A site assessment for systems not meeting item 1 is completed and a written request for 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)

<b>TO:</b> E Z SERVE, INC. 10700 NORTH I-45, SUITE 500 HOUSTON, TX 77037-1137	<b>SITE LOCATION:</b> OKLAHOMA OUTPOST (100231) RT. 2, BOX 1688 PAULS VALLEY, OK 75125 002H7687 E 0001 30TANK \$75.00 8-5-92
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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
2-501897	3	0	0	
<b>Tank #</b>	<b>Description</b>			
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

2560697

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

Box 3

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

Station Name The Outpost Sta. + Gro. 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 \_\_\_\_\_

<u>Distillation Test</u>	<u>Flash Test</u>
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

<b>Notification for Underground Storage Tanks</b>		<b>STATE USE ONLY</b>	
State Agency Name and Address		ID NUMBER	2-500697
TYPE OF NOTIFICATION		DATE RECEIVED	AUG 22 1990
<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	_____
INSTRUCTIONS		B. Data Entry Clerk Initials	_____
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.		C. Owner Was Contacted to Clarify Responses, Comments	_____
			_____
			_____

**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.

<b>I. OWNERSHIP OF TANK(S)</b>		<b>II. LOCATION OF TANK(S)</b>	
Owner Name (Corporation, Individual, Public Agency, or Other Entity) HARKEN MARKETING CO. Street Address ATTN: ENVIRONMENTAL DEPT. 10700 N. FREEWAY, STE. 500 City State ZIP Code HOUSTON TX 77037 County NARRIS Phone Number (include Area Code) 713-650-7700		<p>Latitude _____ Longitude _____</p> <p>(if same as Section I, mark box here x)</p> <p>Facility Name or Company Site Identifier, as applicable OKLAHOMA OUTPOST (100231) Street Address (P.O. Box not acceptable) RT 2 BOX 168B PAULS VALLEY, OK 73120 City State ZIP Code GARVIN County Municipality</p>	

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) <b>CAROL ANN DEWINT</b> <b>ENVIRONMENTAL ADMINISTRATOR</b>	Signature <i>Carol Ann Dewint</i>	Date Signed <b>8-13-90</b>
--	--------------------------------------	-------------------------------

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. _____
<b>1. Status of Tank (mark only one)</b> 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"/>
<b>2. Date of Installation (mo./year)</b>	<u>1/81</u>	<u>1/81</u>	<u>1/81</u>		
<b>3. Estimated Total Capacity (gallons)</b>	<u>10,000</u>	<u>8,000</u>	<u>6,000</u>		
<b>4. Material of Construction (Mark all that apply)</b> 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"/>
<b>5. Piping (Material) (Mark all that apply)</b> 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"/>
<b>6. Piping (Type) (Mark all that apply)</b> 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. _____
<b>7. Substance Currently or Last Stored In Greatest Quantity by Volume</b>					
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**

<b>1. Closing of Tank</b>					
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. 3050-1088  
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 in prior 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<sup>3</sup> 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. intrastate pipeline facilities (including gathering lines) regulated under the Pipeline Safety Act of 1985 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, 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 Subpart C of RCRA. This includes petroleum, e.g., crude oil or any fraction thereof which has a flash point at 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 agency 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

Phone Number

**415-677-3522**

Type of Owner (Mark all that apply )

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Current | <input type="checkbox"/> State or Local Gov't                        | <input checked="" type="checkbox"/> Private or Corporate |
| <input type="checkbox"/> Former             | <input type="checkbox"/> Federal Gov't (GSA facility I.D. no. _____) | <input type="checkbox"/> Ownership uncertain             |

### II. LOCATION OF TANK(S)

(If same as Section I, 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

Phone Number

**405-238-9082**

### 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. Admin. Information**

Signature

**Tom McMillan**

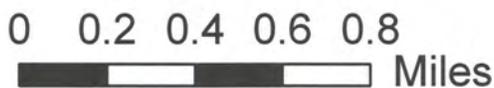
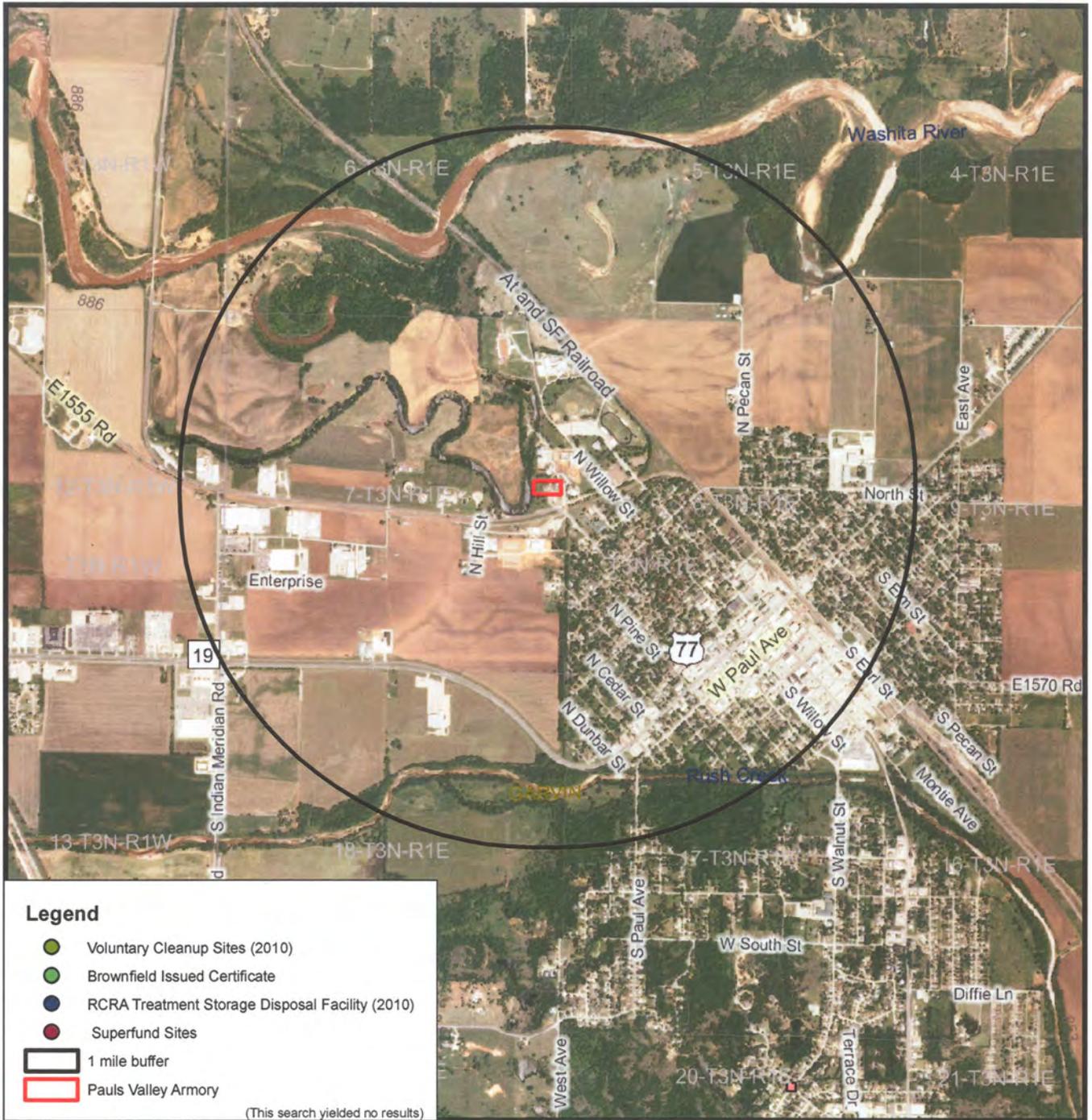
Date Signed

**3/5/86**

CONTINUE ON REVERSE SIDE



# 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:

Lastname:  
Extension:  
State:

## Site Contact Information

Company:  
Firstname:  
Email:  
Phone:  
Address:  
City:  
ZIP:

Lastname:  
Extension:  
State:

## Other Contact Information

Company:  
Firstname:  
Email:  
Phone:  
Address:  
City:  
ZIP:

Lastname:  
Extension:  
State:

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



**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. 21<sup>st</sup> 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 1M 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 13<sup>th</sup> 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. 21<sup>st</sup> 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. 21<sup>st</sup> 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 &amp; Little Giant 4000 NW 39<sup>th</sup> 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&amp;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 15<sup>th</sup> &amp; 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, 1.M. E. Reno Avenue &amp; 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. 21<sup>st</sup> 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 &amp; 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 15<sup>th</sup> 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 21<sup>st</sup> 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 74<sup>th</sup> 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

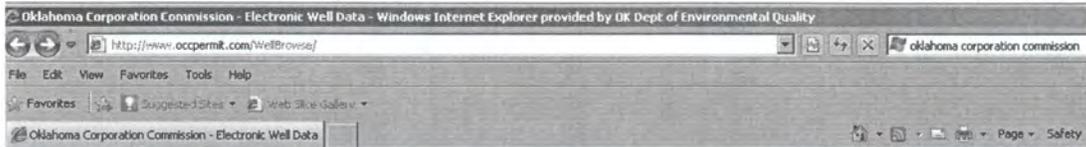
Lillard Pipe/Absentee Shawnee Tribe of Oklahoma  
40208 Benson Park Road  
Tecumseh, Oklahoma

Habitat For Humanity, Ardmore Chapter  
Hope housing development  
Ardmore, Oklahoma

Tulsa Community College Warehouse  
1110 S. Detroit Avenue  
Tulsa, Oklahoma

Forum 21  
11682 E. 21<sup>st</sup> 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**

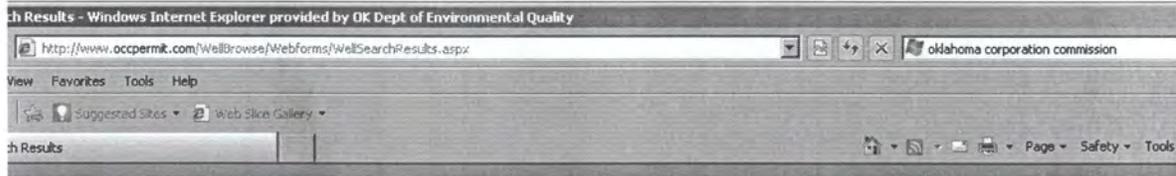
County  Section  Township  Range  Meridian  Quarters

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	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)



Select a Query button to begin your search.

A Z A		A Z A		A Z A		Well Status			Surface Location			A Z A						
Api Cnty	Api #	Operator #	%	Well Name	%	Well No.	Class	OG	UIC	ITD	Sec	Twp	Rng	M	Section	Call	Call	
049	00351	09998	0	FEE		1		AC			07	03N	01E	IM		NE	HE	SE
049	00630	09998	0	BUTLER		1		PA			07	03N	01E	IM	SW	IHW	SW	
049	20704	09998	0	BUTLER		1	DRY	PA			07	03N	01E	IM		SE	IHW	
049	20739	02331	0	BUTLER #2		1	DRY	PA			07	03N	01E	IM	SE	NE	IHW	
049	21453	10032	0	TRAHERN		1	OIL	PA			07	03N	01E	IM	SW	IHW	IHW	

View Well Records

View Well Logs

Run Report

County Codes

Operator Browse

View Queried Data  
With Excel  
View All Basic Info  
View All ITDs  
View All Production  
View All Operators

Exempt Until Date 09-01-1991

Lease Number

Query by Well Information

Query by Lease Number

- Query by Surface Hole Location
- Query by Bottom Hole Location

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	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

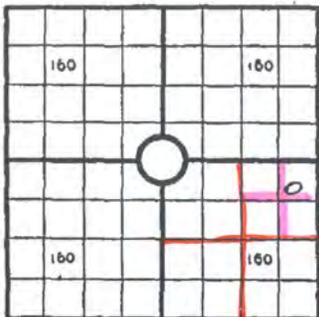
# OIL & GAS CONSERVATION DEPARTMENT

OKLAHOMA CORPORATION COMMISSION

0 0 4 7 0 1 1 0 0 0 7

28.46  
Form 1002

## 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, 19 46 DRILLING FINISHED 2-18, 19 46  
 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 2 1/2 Feet.  
Green, shaley sand and sandy dolomitic lime.

Cored 3811-19' - Recovered 2 1/2 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.

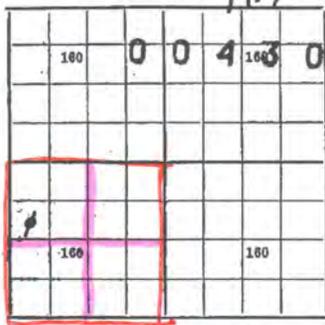
Subscribed and sworn to before me this 25th day of March, 1946.

My Commission expires June 4, 1946.

*Thelmadora Livingston*  
Notary Public

360 ACRES

N 17.12



Locate Well Correctly

WELL RECORD

Mail to Corporation Commission, Oklahoma City, Oklahoma

COUNTY Barber SEC. 7 TWP. 5N 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 DRILLING FINISHED 1/21/36  
 WELL LOCATED SW 1/4 NW 1/4 SW 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	3138	3155	4 Lime Arbuckle Dry	4975	5015
2 Sand " "	3615	3630			
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		Packer Record				
				Ft.	In.	Ft.	In.	Size	Length	Depth Set	Make	
1 1/2	54.5			294								

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				
1 1/2	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

Notary Public

FORMATION RECORD

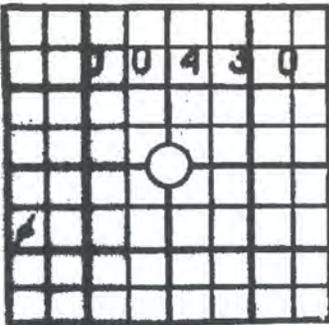
Give detailed description and thickness of all formations drilled through and contents of sands, whether dry, water, oil or gas

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	"	15 $\frac{1}{2}$ '	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 18E  
Farm Name L.F. Butler Well No. 1 Field \_\_\_\_\_  
Character of Well (whether oil, gas or dry) DEI

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'	0
Sand	" "	3615	3620			
Sand Shale	Water	3887	3935			
Sand Shale	Dry	4935	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, Pauls 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 the best of my knowledge and belief.

Name and title of representative of company.

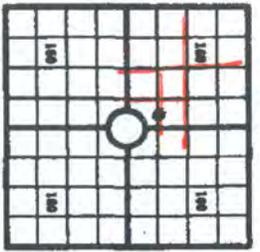
Subscribed and sworn to before me this the 29th day of JANUARY 1936

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  
 COMPANY OPERATING Keith F. Walker  
 OFFICE ADDRESS Box 1725 STATE Oklahoma ZIP 73401  
 TOWN Ardmore WELL NO. 1-1474  
 FARM NAME Butler DRILLING STARTED 12-20-73 LING FINISHED 1-12-74



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	Fl.	In.	Size	Length	Depth Set	Make
10 3/4	33	8RD	J55			368			

CEMENT AND MUDDING

Casing Set	Cement	Chemical	Method of	Casing Test (Rule 296)					
Fl.	In.	Sacks	Fill-up Top	Cols.	Make	Cementing	P.S.I.	Boiling	Fluid Build-up - Fl.
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  Flowing   
 Oil Production None Bbls, A.P.I. Gravity —  
 Gas Production None MCF, Open Flow Potential — MCF  
 Water Production None Bbls, Gas-Oil Ratio —  
 Casing Pressure — P.S.I., Tubing Pressure — P.S.I.,

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.

*Paul B. Beck* Supt.  
 Name and title of representative of company

Subscribed and sworn before me this 23rd day of JANUARY, 19 74

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  $\frac{1}{4}$  SE  $\frac{1}{4}$  NW  $\frac{1}{4}$

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

Formation	Content	From	To	Size	Put In	Pulled Out
				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:

RECEIVED

OIL & GAS CONSERVATION DIVISION

JAN 28 1974

REMARKS: Why plugged? Dry If abandoned oil or gas well, state amount and date of \_\_\_\_\_

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, 19 74

Commission expires 5-31-74

[Signature]  
Notary Public

API NO. 09100 739 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 Ardenmore, STATE Okla., ZIP 73401  
 FARM NAME Butler #2 WELL NO. 1  
 DRILLING STARTED 8/29/42 DRILLING FINISHED 9/9/44



LOCATE WELL, CORRECTLY AND OUTLINE LEASE  
 OIL OR GAS SANDS OR ZONES  
 CHARACTER OF WELL (Oil, gas or dryhole) dry hole

ORDER NO. Oil Creek #2 speed

Name	From	To	Name	From	To
1 none			4		
2			5		
3			6		

Performing Record If Any

Formation	From	To	No. of Shots	Formation	From	To	Size of shot
none							

CASING - PACKER RECORD

Size	Wgt. Thrd.	Grade	Ft.	In.	Size	Length	Depth Set	Make
8-5/8	28	8rd	Used	409	NONE			

CEMENT AND MUDDING

Casing Set	Cement	Chemical	Method of Cementing	Casing Test (Rule 208)
5/8 409	315 100% Surt	2% CaCl <sub>2</sub>	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 7-7/8 feet to 7-7/8 feet to

INITIAL PRODUCTION TEST (Rule 2-101)  
 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 \_\_\_\_\_  
 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 (O11 Creek)	4174	4512
Sand	1625	1635	Sand (B. O11 Creek)	4512	4524
Shale	1635	1920			
Sand	1920	1930			
Shale	1930	2220			
Sand	2220	2235			
Shale	2235	2465			
Sand	2465	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			

**RECEIVED**  
 OIL & GAS CONSERVATION DIVISION  
 DEC - 2 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.

*James H. ...* Prod. Mar.  
 Name and title of representative of company

Subscribed and sworn before me this 26th day of November, 19 74  
 My Commission expires 5/17/75

# PLUGGING RECORD

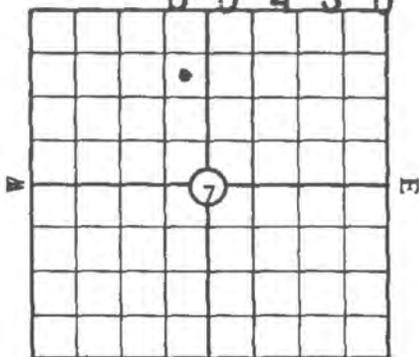
(RULE 3-405)

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**

WELL 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>RECEIVED</u> <u>OIL &amp; GAS CONSERVATION DIVISION</u> <u>DEC - 4 1974</u>
<u>OKLAHOMA CORPORATION COMMISSION DUNCAN DISTRICT</u>						

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the methods used in the operation 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:

G.E. Trahern	Darold J. Butler	Willie Mae Joiner	Keith F. Walker
827 Pine	West of City	1208 Bilford Ave.	P.O. Box 1725 1284E 1st Natl. Cen
Pauls Valley, Okla.	Pauls Valley, Okla.	Okla. City, Okla.	Ardmore, Okla. 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

DEC - 5 1974

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

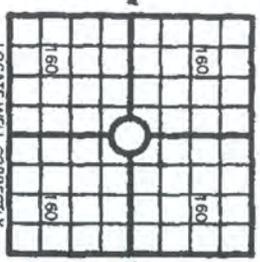
049-65-108

Form 1002A  
Rev. 10/79

API NO. 04921453  
640 Acres

**OKLAHOMA CORPORATION COMMISSION**  
OIL AND GAS CONSERVATION DIVISION  
Jim Thorpe Building / Oklahoma City, Oklahoma 73105

OTC COUNTY LEASE 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  
ELEVATION: DERRICK FLOOR 1650 FT. FROM SL. OF 1/4 SEC. & 330 FT. FROM WL. OF 1/4 SEC. GROUND 884

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
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

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

(OVER)

A record of the formations drilled through, and pertinent remarks are presented on the reverse.

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.

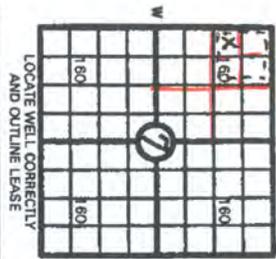
Telephone 405/236-8038 Samuel R. Reed Vice-President  
Name and title of representative of company  
Subscribed and sworn before me this 21 day of January 19 82



APR NO. 04921453  
640 Acres

**OKLAHOMA CORPORATION COMMISSION**  
**OIL AND GAS CONSERVATION DIVISION**  
Jim Thorpe Building / Oklahoma City, Oklahoma 73105

OTC COUNTY LEASE NO.



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 Tyrahern 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  
 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			

**CASING & CEMENT**

Size	Wgt.	Casing Set		Cement			
		Grade	Feet	Psi	Sax	Fillup	Top
8 5/8"	28		218		200	218'	Surface
4 1/2"	9.5	K	3936		250	937'	3000'

PACKERS SET TOTAL DEPTH 3937'  
 Depth \_\_\_\_\_  
 Make \_\_\_\_\_

**COMPLETION & TEST DATA BY PRODUCING FORMATION**

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	Gas-Oil Ratio Cu. Ft./Bbl.	Water-Bbl./day	Pumping or flowing	CHOKE SIZE	FLOW TUBING PRESSURE
2-21-81	10	39°	not tested	CF	CF	Trace	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 KOS-2348038  
 Subscribed and sworn before me this 26 day of February, 1981  
 My commission expires Margaret Campbell



# PLUGGING RECORD

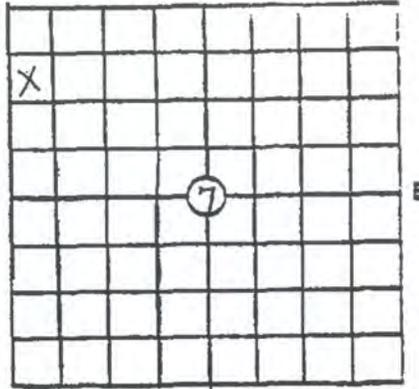
(RULE 3-405)

OKLAHOMA CORPORATION COMMISSION  
Oil and Gas Conservation Division  
227 Jim Thorpe Building  
Oklahoma City, Oklahoma 73105

DISTRICT III  
P85-00005

NOV 30 1984

3 640 Acres  
N  
W  
E  
S



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.

OKLAHOMA CORPORATION COMMISSION

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.

Joe Campbell, Geologist  
Name and title of representative of company

Subscribed and sworn to before me this 29th day of November, 19 84

Commission expires March 3, 1985  
A Shirley 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

File Edit View Favorites Tools Help

Well Search Results

Oklahoma Corporation Commission  
ENERGY • TRANSPORTATION • UTILITIES

Well Search Results

Home

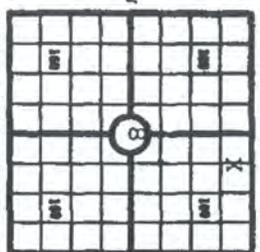
API	Operator #	Well Name	Well #	Well Type	Status	SEC	TWP	R1G	M
3504920880	9998	THOMPSON	4	DRY	PA	8	3N	1E	Indian S2 N2 NW4 NE4

PA - (plugged & Abandoned)



API 3504920880 Operator # 9998 Well Name THOMPSON Well # 4 Well Type DRY Status PA SEC 8 TWP 3N RNG 1E M Indian S2 N2 NW4 NE4

API NO. 20880  
 380 Jim Thorpe Building—Oklahoma City, Oklahoma 73105  
 COUNTY GARVIN, SEC 8, TWP 3N, RGE 1E  
 OIL AND GAS CONSERVATION DIVISION  
 OTC COUNTY LEASE NO. \_\_\_\_\_



LOCATE WELL, CORRECTLY AND OUTLINE LEASE ORDER NO. 140283

COMPANY OPERATING Wm. J. O'Connor  
 OFFICE ADDRESS 1450 United Founders Tower  
Oklahoma City, STATE Okla. ZIP 73112  
 FARM NAME THOMPSON WELL NO. 4  
 DRILLING STARTED 4/5 DRILLING FINISHED 4/15  
 DATE OF FIRST PRODUCTION \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 WELL LOCATED 100S OF C-N<sub>2</sub> NW<sub>4</sub> NE<sub>4</sub> 2210'  
 Line and \_\_\_\_\_ ft. East of West Line of Quarter Section  
 Elevation (Relative to sea level) DERRICK FLOOR \_\_\_\_\_ GROUND 825'  
 CHARACTER OF WELL (Oil, gas or dryhole) \_\_\_\_\_ DRYHOLE

OIL OR GAS SANDS OR ZONES			
Name	From	To	To
1			4
2			5
3			6

Performing Record If Any			
Formation	From	To	No. of Shots

Casing - PACKER RECORD			
Size	Wt.	Thrd.	Grade
8 5/8"	28#	Brd	305
			29
			NONE

CEMENT AND MUDDING			
Casing Set	Cement	Chemical	Method of
5 7/8"	305	29	275

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 \_\_\_\_\_ Feet to \_\_\_\_\_ TD Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_  
 Size of hole drilled: Rotary \_\_\_\_\_ 7 7/8" Cable \_\_\_\_\_

INITIAL PRODUCTION TEST (Rule 2-101)  
 Date \_\_\_\_\_ Duration \_\_\_\_\_ hrs., Pumping \_\_\_\_\_ Flowing \_\_\_\_\_  
 Producing thru: Casing  Tubing  Size of Choke \_\_\_\_\_  
 Oil Production \_\_\_\_\_ Blis, A.P.I. Gravity \_\_\_\_\_  
 Gas Production \_\_\_\_\_ MCF, Open Flow Potential \_\_\_\_\_ MCF  
 Water Production \_\_\_\_\_ Blis, Gas-Oil Ratio \_\_\_\_\_  
 Casing Pressure \_\_\_\_\_ P.S.I.A., Tubing Pressure \_\_\_\_\_ P.S.I.A.

Formation	Top	Bottom	Formation	Top	Bottom
Surf. csg.	0	305			
shale	305	1040			
sd y sh & sd stringr	1040	2280			
shale	2280	2364			
sand	2364	2390			
shale	2390	2450			
sand	2450	2470			
shale	2470	2545			
sand	2545	2572			
shale	2572	2723			
sand	2723	2780			
lm & sd stringr	2780	3060			
shale	3060	3110			
sand	3110	3126			
sd y sh	3126	3165			
lm y sd & sd	3165	3245			
shale	3245	3321			
lm stringr	3321	3345			
shale	3345	3380			
lime	3380	3400			
sh/1m stringr	3400	3574			
lm y sd	3574	3613			
shale	3613	3630			
lm y sd	3630	3688			
sd y sh	3688	3710			
sh lm y (B. PENN-SIMP)	3710	3772			
sand (M. McLISH)	3772	3816			
lm y sh	3816	3920			
sd (B. McLISH)	3920	4065			
lm y sd	4065	4352			
sd y dolomite, tight	4352	4373			
(OIL CREEK ZONE)	4373	4407			
sd (OIL CREEK)	4407	4407'			
TD in OIL CREEK SD	4407'				

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 20th day of \_\_\_\_\_ 1976  
 My Commission expires 5-28-78  
 \_\_\_\_\_  
 Name and title of representative of company  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

RECEIVED  
 OIL & GAS CONSERVATION DIVISION  
 APR 27 1976  
 OKLAHOMA CORPORATION  
 COMMISSION

0 0 4 3 0 1 1 0 0 0 8

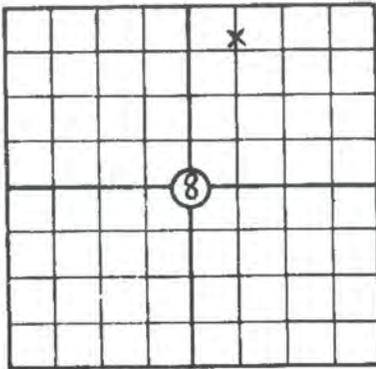
# PLUGGING RECORD

(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  
Location in Section S $\frac{1}{2}$  N $\frac{1}{2}$  NW NE

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 \_\_\_\_\_  
Arnold Park

Name of C.C. Field Inspector \_\_\_\_\_ 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 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

OKLAHOMA CORPORATION COMMISSION

OIL AND GAS DIVISION

APR 20 1976

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

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 the 19th day of April, 1976

Commission expires 5-28-78 \_\_\_\_\_  
Sandi J. Deaton  
Public

Wm. J. O'Connor  
Name and title of representative of company

# **APPENDIX C:**

## **Site Visit Photos & Notes**

- All Site Visit Photos
- Sergeant Barry Waldrop Interview Form

# FLOOR PLAN, PAULS VALLEY ARMORY

John Reid  
Savannah Richards

## PAULS VALLEY ARMORY

1001 NORTH ASH STREET  
PAULS VALLEY, OKLAHOMA  
BUILT: 1949

Officer, storage, jail space  
asbestos pipe insulation running from closet to FDC room

Bud Ramming -  
Emergency Mgmt Dir.  
Garvin County

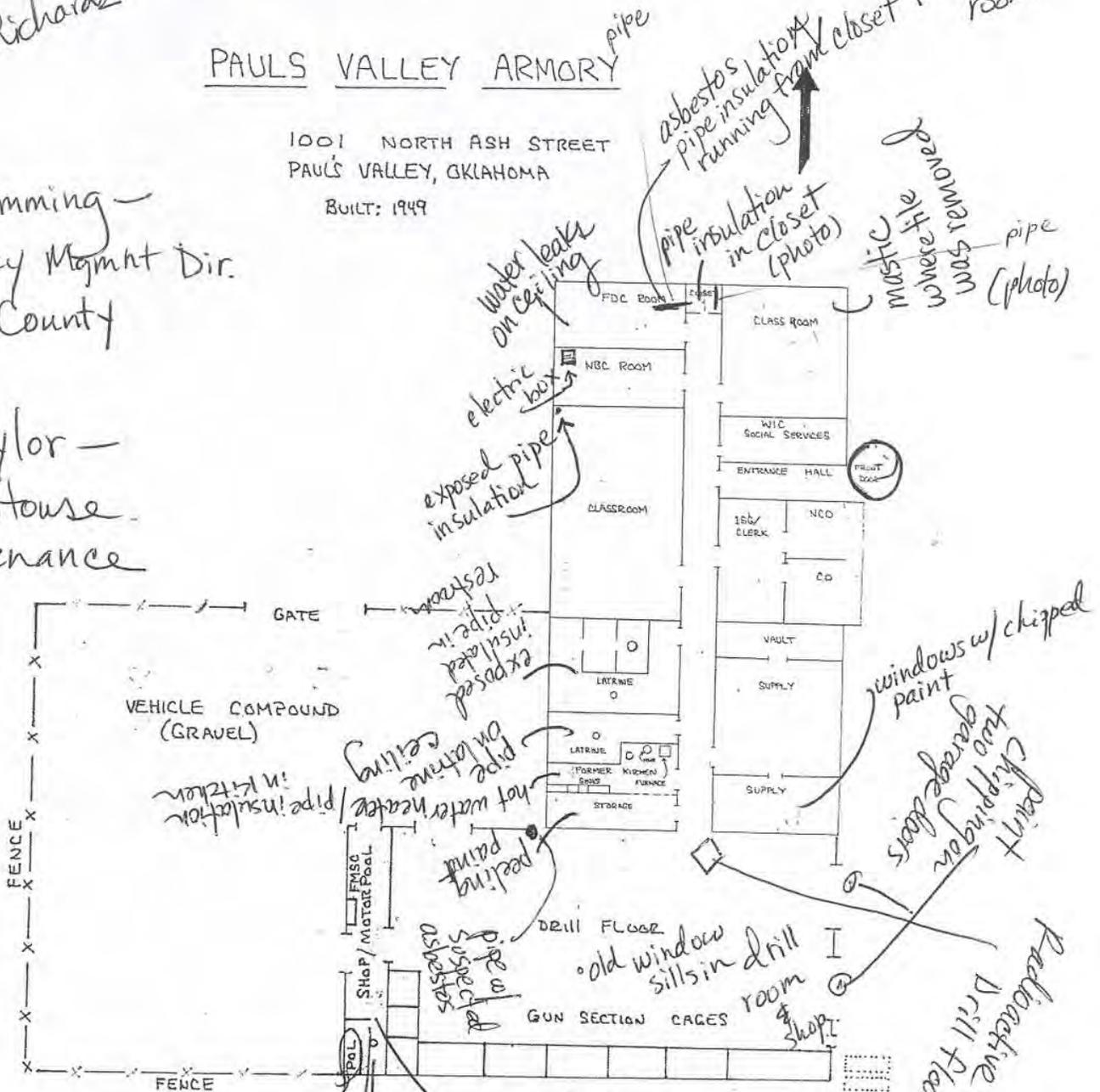
Bill Taylor -  
Court House  
Maintenance

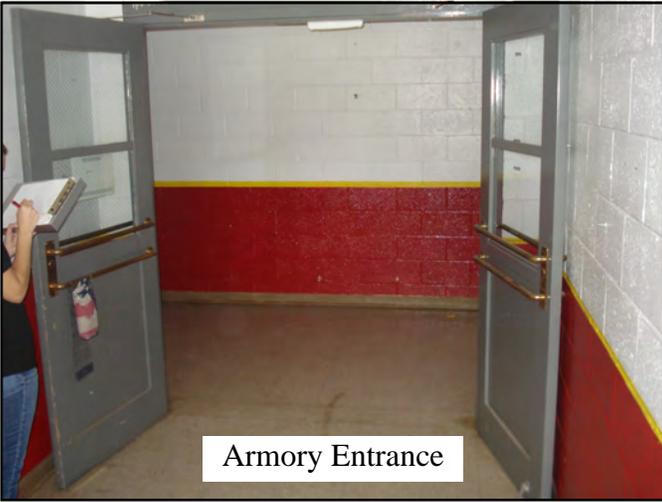
John Mann -  
Garvin County  
Comm #1

Kenneth Holden -  
Garvin County Comm #1

David Quinn  
Sgt. Mr. Waldorp

Rhonda Mosely





Armory Entrance



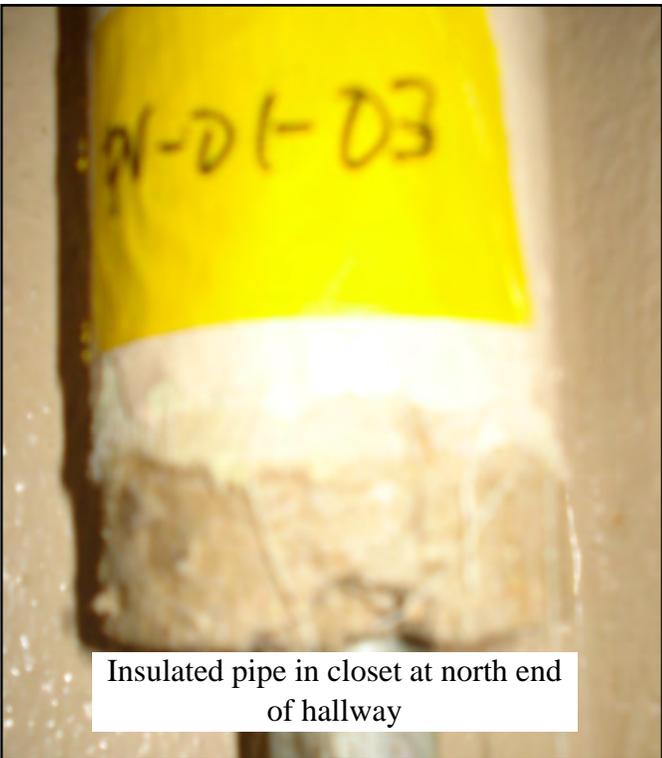
WIC Social Services Room



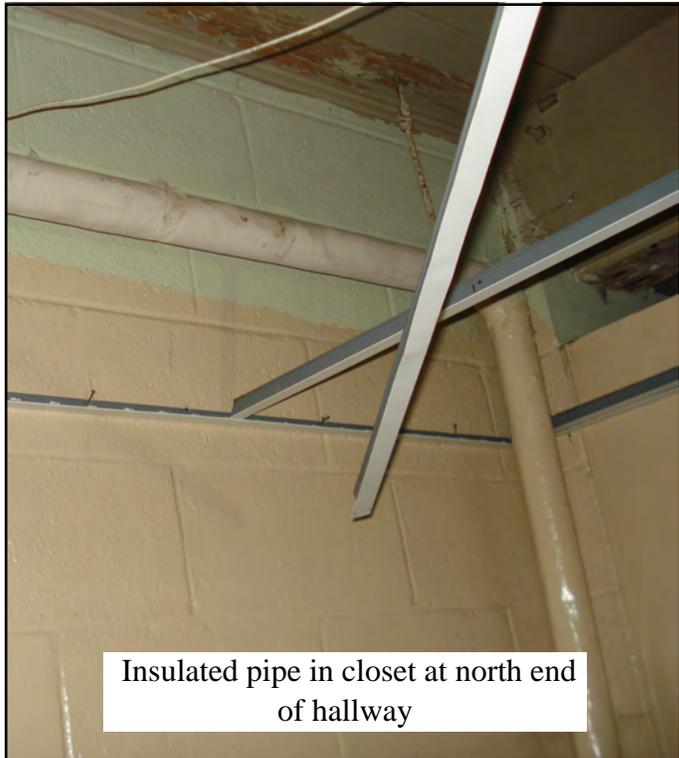
Classroom (Potential Mastic on floor where tile was removed)



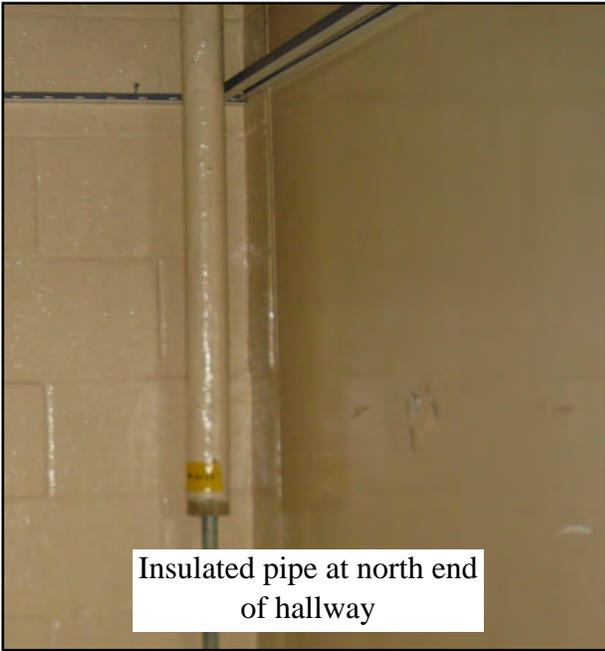
Insulated pipe in closet at north end of hallway



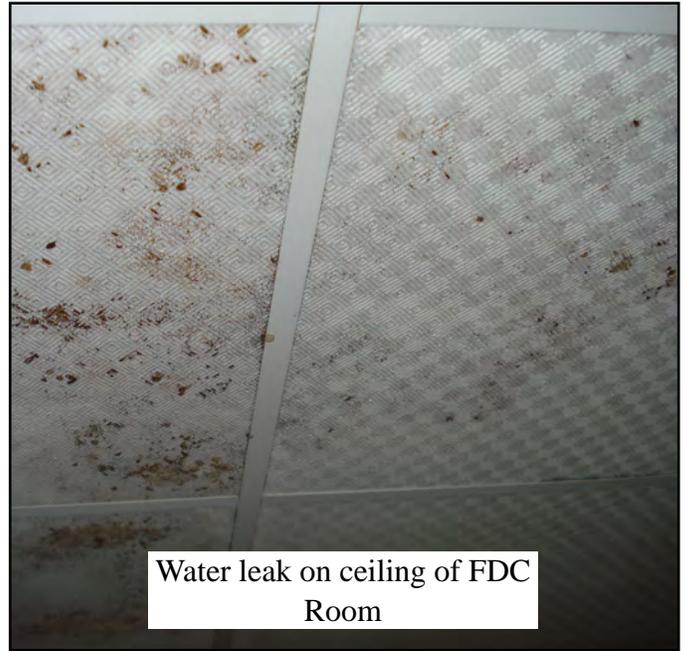
Insulated pipe in closet at north end of hallway



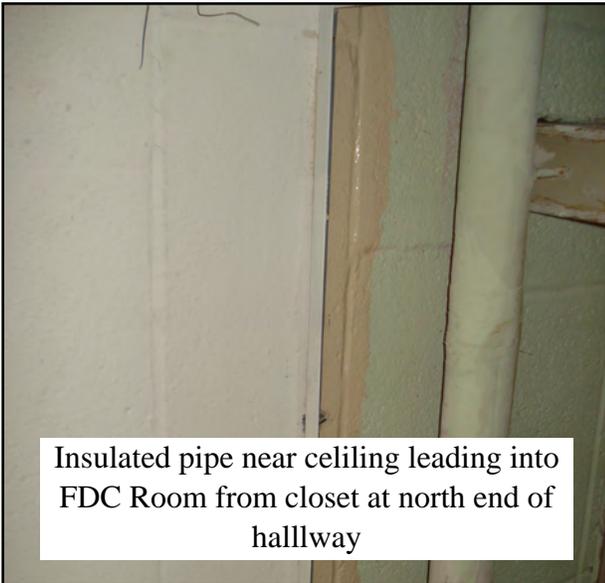
Insulated pipe in closet at north end of hallway



Insulated pipe at north end of hallway



Water leak on ceiling of FDC Room



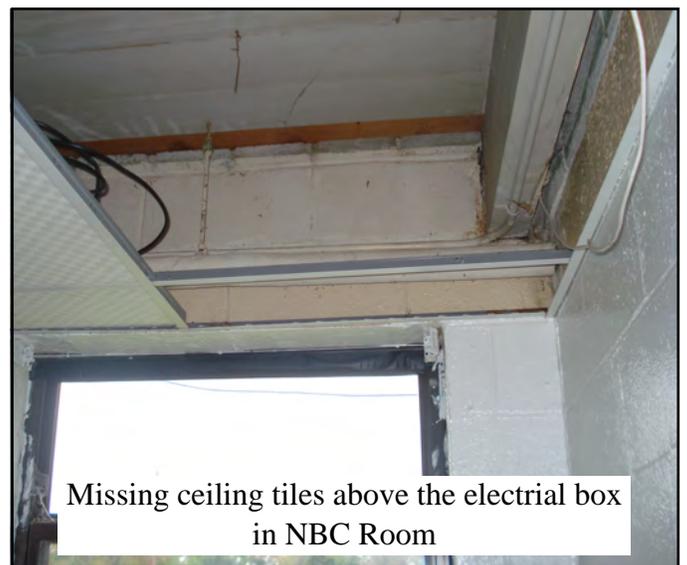
Insulated pipe near ceiling leading into FDC Room from closet at north end of hallway



Water leak stain on carpet in the FDC Room



NBC Room electrical box attached to wall



Missing ceiling tiles above the electrical box in NBC Room



Insulated pipe in NBC Room



Classroom



Insulated pipe in latrine #1



Peeling paint in latrine #1



Insulated pipe in latrine #1



Peeling paint in latrine #1



Insulated pipe in Latrine #2



Fire hose in hallway



Kitchen furnace & hot water heater



Kitchen sinks



Peeling paint on Storage Room ceiling



Peeling paint in Storage Room



Radioactive material sign on entrance to Drill Floor Room

Radioactive material sign on entrance to Drill Floor Room



Peeling paint on Drill Floor Room garage doors



Drill Floor Room



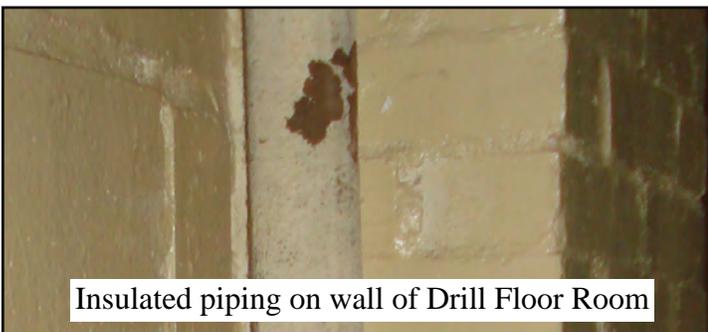
Drill Floor Room Ceiling



Drill Floor Room Ceiling



Insulated piping on wall of Drill Floor Room



Insulated piping on wall of Drill Floor Room

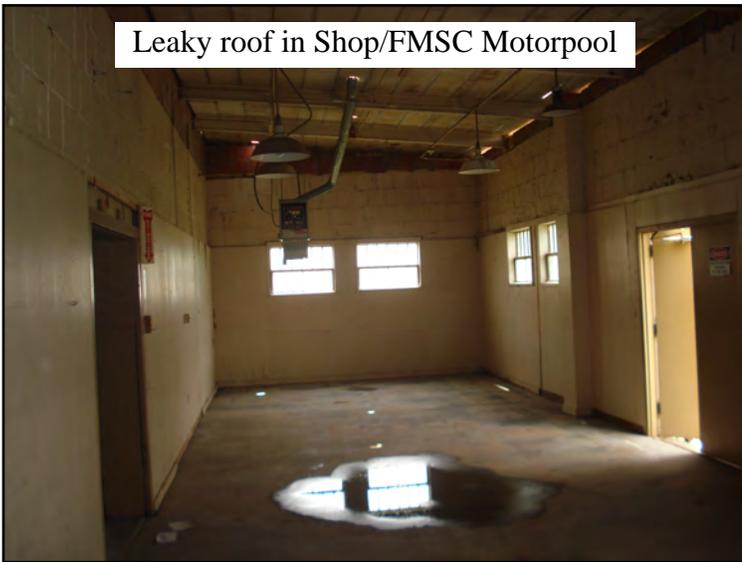




Drill Floor Room ceiling



On Drill Floor Room wall



Leaky roof in Shop/FMSC Motorpool



Ceiling in Shop/FMSC Motorpool



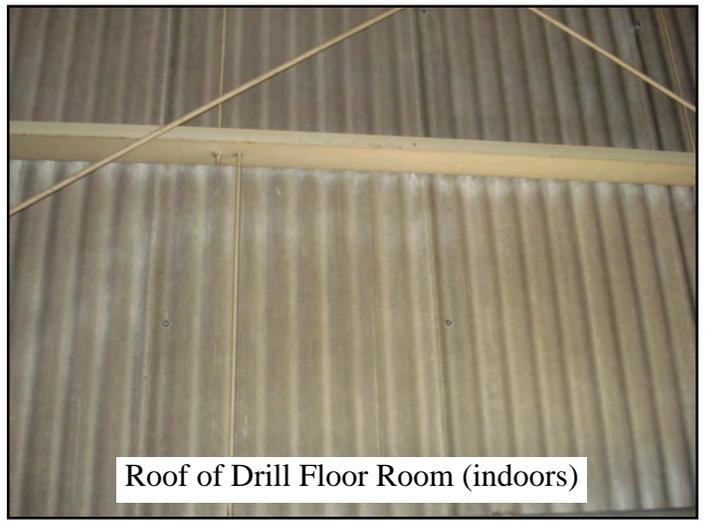
Shop/FMSC Motorpool



Windows in Shop/FMSC Motorpool



Walls in Shop/FMSC Motorpool



Roof of Drill Floor Room (indoors)



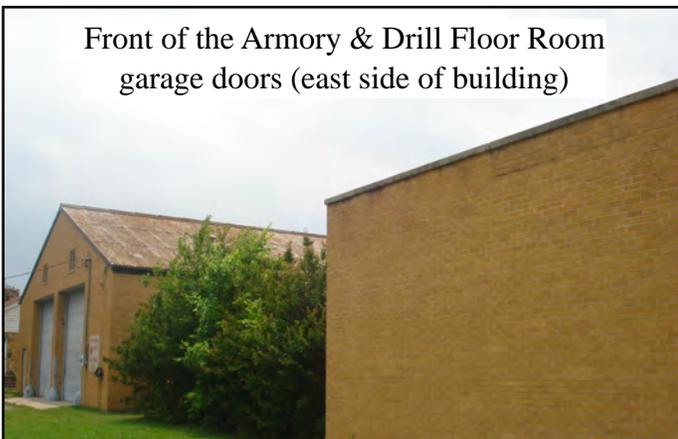
Chipped paint on windows in Supply Room



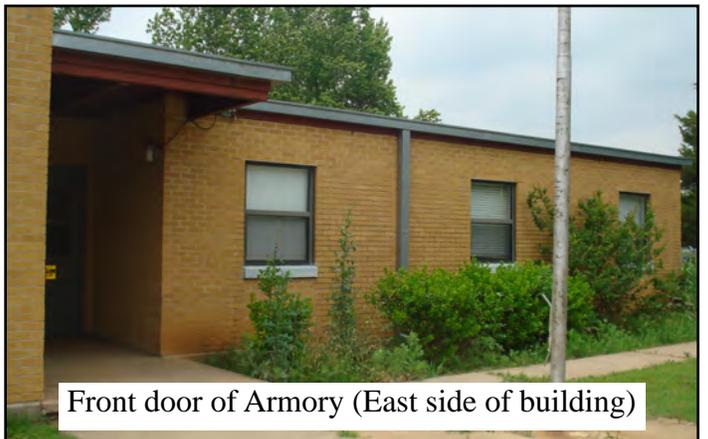
Tile in entryway and hallway



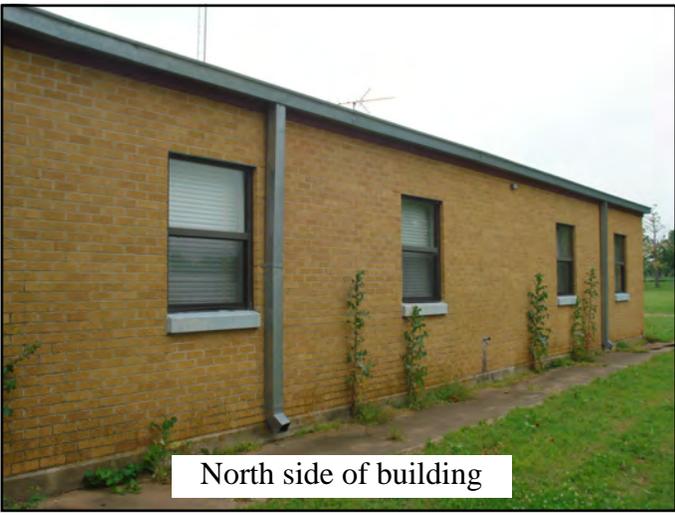
Vault door in Vault Room



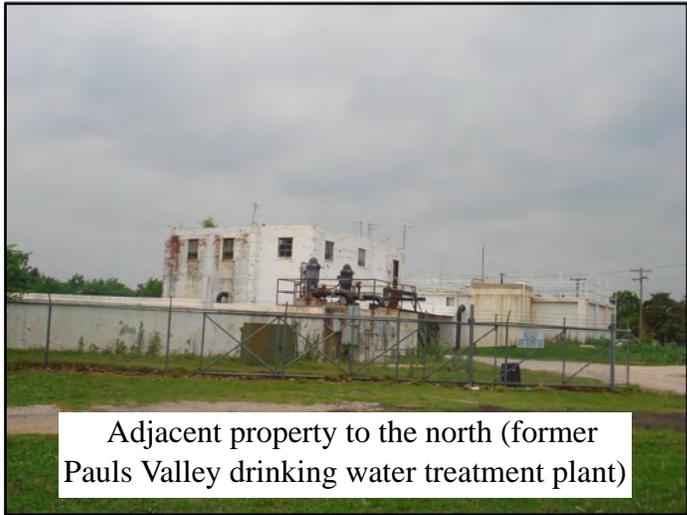
Front of the Armory & Drill Floor Room garage doors (east side of building)



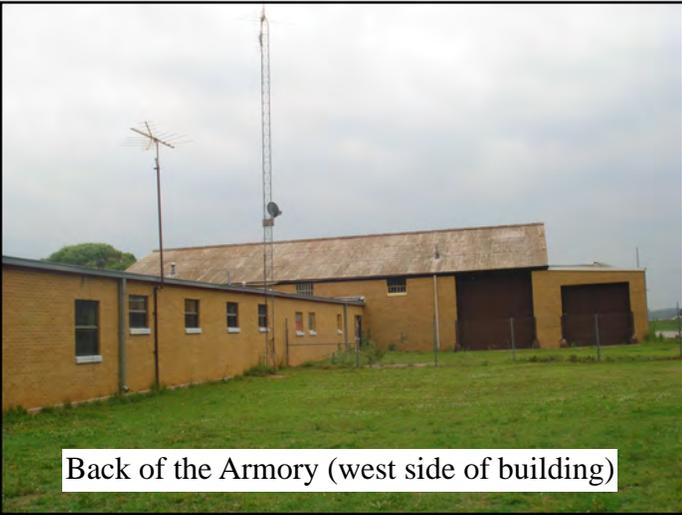
Front door of Armory (East side of building)



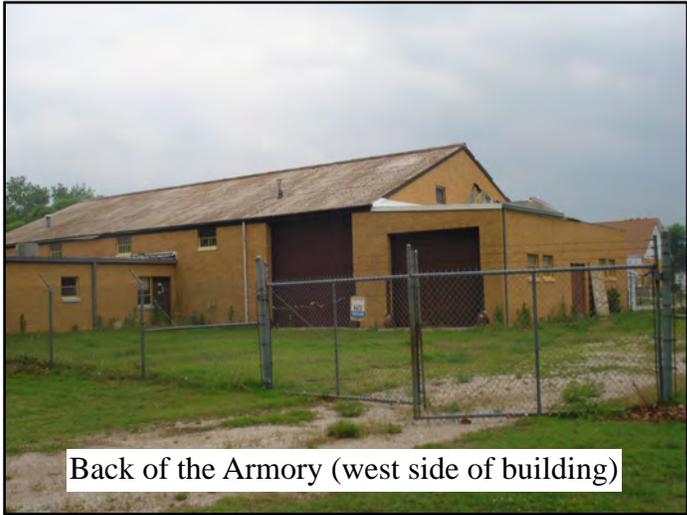
North side of building



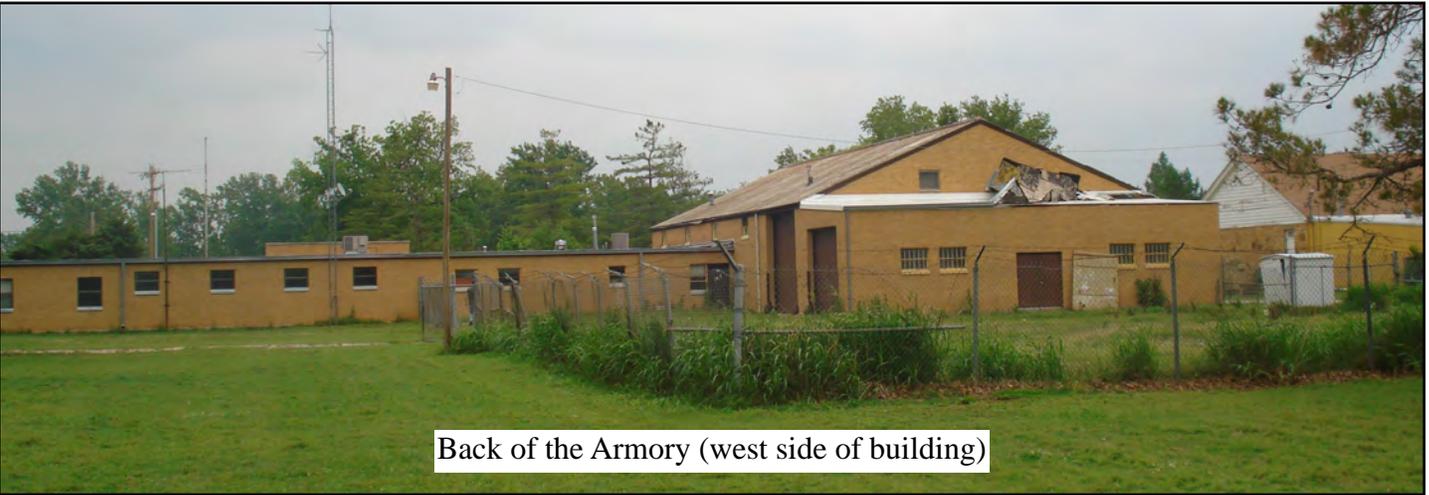
Adjacent property to the north (former Pauls Valley drinking water treatment plant)



Back of the Armory (west side of building)



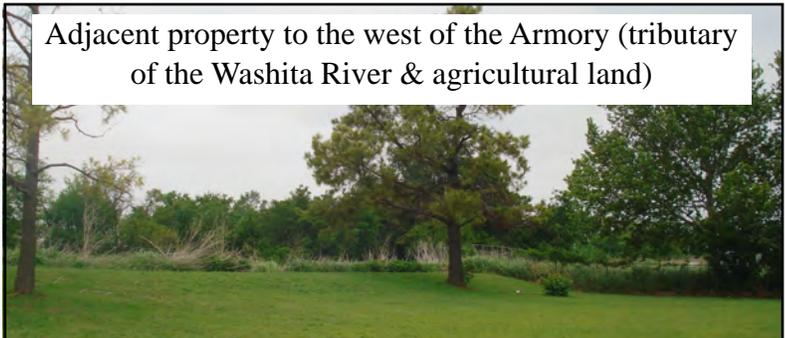
Back of the Armory (west side of building)



Back of the Armory (west side of building)



Back of the Armory (west side of building)



Adjacent property to the west of the Armory (tributary of the Washita River & agricultural land)



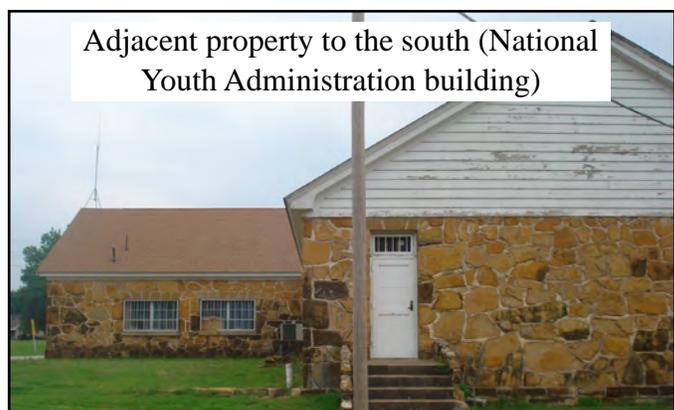
Chipping paint on exterior windows on the south side of building



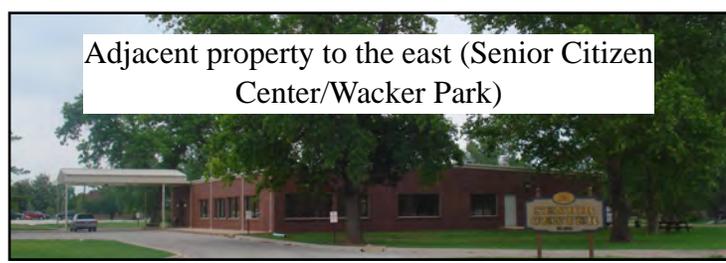
Chipping paint on exterior windows on the south side of building



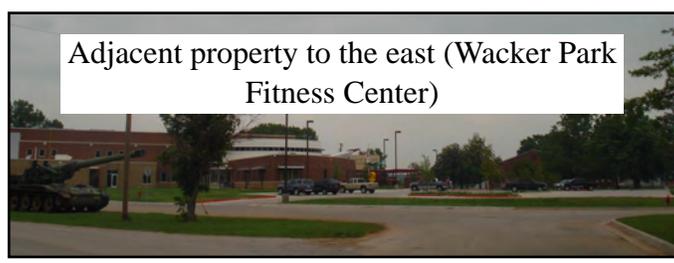
Chipping paint on exterior windows on the south side of building



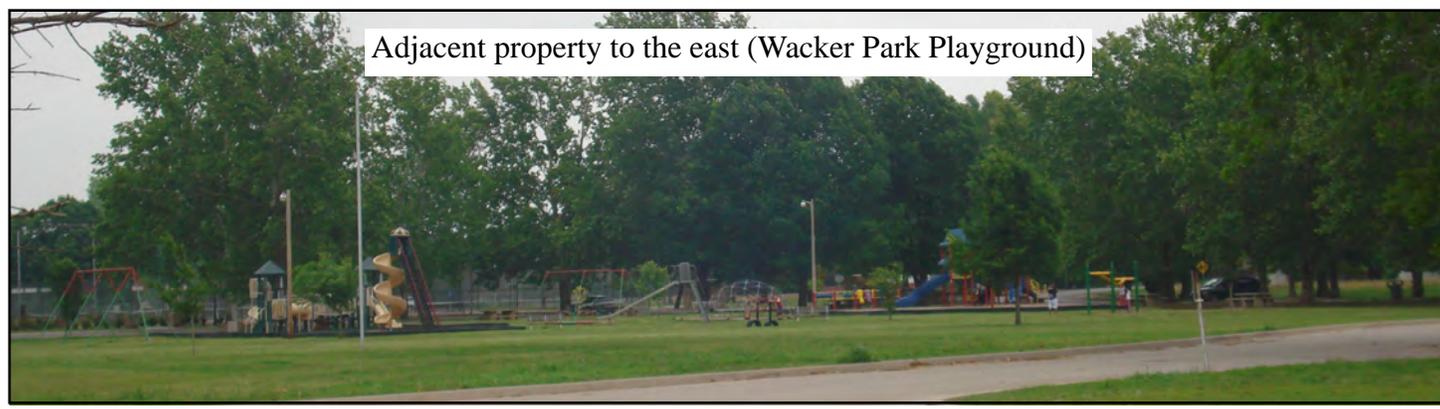
Adjacent property to the south (National Youth Administration building)



Adjacent property to the east (Senior Citizen Center/Wacker Park)



Adjacent property to the east (Wacker Park Fitness Center)



Adjacent property to the east (Wacker Park Playground)



Roof of Drill Floor Room



Roof of Drill Floor Room



Chipping paint above entry door of Armory



Power lines on south east corner of building

GENERAL TOPICS TO COVER DURING OWNER/OPERATOR/NEIGHBOR INTERVIEWS

Target Property: PAULS VALLEY ARMORY  
Please print your name: BARRY WALDRA Date: 8 JUN 11  
Relative to the property in question, are you the:  
Owner/Occupant/Neighbor/Employee/Observer/Other FACILITY MAINT. ? (circle one)

If the space provided by a question is too small for your answer, please write the question number and the rest of the answer on the back.

1. What types of chemicals were used at the armory?  
Cleaning SUPPLIES MOSTLY
2. Are you aware of any chemicals currently present in the armory?  
NO
3. Please describe the current properties that are nearby in the spaces provided below (i.e. residential, list business name, etc):  
Property to the North RESIDENTIAL  
Property to the East \_\_\_\_\_  
Property to the South \_\_\_\_\_  
Property to the West \_\_\_\_\_
4. Please describe the historical use of the properties nearby in the spaces provided below (if unknown, please put unknown in the spaces):  
Property to the North UNKNOWN  
Property to the East UNKNOWN  
Property to the South UNKNOWN  
Property to the West UNKNOWN
5. Are you aware of any current industrial use in the area? No

6. Are you aware of current industrial use nearby? (if so, please describe uses, period, location) No

7. Most common types of industrial use (circle as appropriate): Service station, Vehicle repair, Print shop, Dry cleaner, Photo lab, Junkyard, Waste treatment/storage/disposal sites, or Other: don't know

8. Are you aware of any discarded auto/industrial batteries, pesticides, paints or other industrial chemicals present in the area? Larger than 5 gallon size? More than 50 gallons total? NO

9. Are you aware of any drums or storage tanks present in the area? NO

10. Are you aware of any fill dirt brought onto the property? Do you know the source of the fill? NO

11. Are you aware of any pits, lagoons, or ponds (or former pits, lagoons, or ponds) in the area? NO

12. Are you aware of any stained soil, chemical spills, or groundwater seeps in the area? NO

13. Are you aware of any oil and gas exploration on the property or nearby? NO

14. Are you aware of any groundwater or surface water contamination on the property or nearby? NO

15. Are you aware of discharges and runoff from nearby properties affecting the armory property? NO

16. Are you aware of any vent pipes or fill pipes protruding from the ground now or in the past? NO

17. Are you aware of any past leaks, spills, or stains in the area? NO

18. Are you aware of any underground storage tanks used to store gasoline or diesel on-site in the past or present? NO

19. Are you aware of any unusual odors coming from soil, structures or drains in the area? NO

20. Are you aware of any wells in the area, or nearby? NO

21. Are you aware of any environmental lawsuits, liens or violations? NO
- 
22. Are you aware of any hazardous substances, past or present, in the area? NO
23. Are you aware of any wastewater discharge in the area? NO
24. Do you know anybody who worked there before? How could we reach them? \_\_\_\_\_
- 
25. Are you aware of any transformers in the area? NO
26. Have you heard of any "meth labs" in the area or nearby? NO
27. Was there a firing range at this facility, or an area used as a firing range? YES
28. Was sand from the firing range used or disposed? <sup>YES</sup> Where? don't know
29. Are there or have there been radiation signage in the building? If so, what do the sign(s) say? NOT SURE
30. Are water impoundments present on the property? DONT KNOW
31. Have above ground storage tanks been used on the property in the past or present? Where? DONT KNOW
32. Are you aware of any hazardous air emissions on the property or nearby properties? NO

**PLEASE USE THIS SPACE FOR ANSWERS FOR WHICH WE DIDN'T LEAVE ENOUGH ROOM**

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# **APPENDIX D:**

## Legal Documents

- Land Ownership Records
- ODEQ Memorandum of Agreement

# THE CHOCTAW AND CHICKASAW NATIONS. INDIAN TERRITORY.

To all whom these presents come, Greeting:

WHEREAS, a certain townsite commission, heretofore appointed and acting in accordance with law, has appraised the lots in the town of Pauls Valley Chickasaw Nation, Indian Territory; and

WHEREAS, the plat of said town was approved by the Secretary of the Interior on the 18th day of January 1902, and was duly placed on file; and

WHEREAS, the said commission has awarded the real estate described hereinbelow to Tom Grant, Executor of Calvin J. Grant Deceased who has deposited sixty one and 2/100 dollars, the full amount of the purchase price with the United States Indian Agent, at Muskogee, Indian Territory, and is, therefore, entitled to a patent;

Now, therefore, we, the undersigned, the Principal Chief of the Choctaw Nation and the Governor of the Chickasaw Nation, do, by the virtue of the power and authority vested in us by the twenty-ninth section of the Act of Congress of the United States, approved June 23th, 1898 (30 Stat. 495), and the Act of Congress of July 1st, 1902 (32 Stat. 641), hereby grant, sell and convey unto the said

Tom Grant, Executor of Calvin J. Grant Deceased, successors heirs and assigns forever, all the right, title and interest of the Choctaw and Chickasaw Nations, aforesaid, in and to Lot numbered 3, 4, 7, 8 and 11 in block numbered 224 in the town of Pauls Valley

Chickasaw Nation, Indian Territory, and according to plat thereof on file as aforesaid.

IN WITNESS WHEREOF, we, the Principal Chief of the Choctaw Nation and the Governor of the Chickasaw Nation have hereunto set our hands and caused the great seal of our respective Nations to be affixed at the dates hereinafter shown.

Date, Jun. 5 - 1906 1906 Green M. Curtain  
(SEAL) Principal Chief of the Choctaw Nation.

Date, Jun - 12 - 1906 1906 Douglas H. Johnston  
(SEAL) Governor of the Chickasaw Nation.

Filed for Record at Admore, Pauls Valley Jan. 28 1907, at 8 o'clock, A.M.

J. H. Wootton  
Deputy Clerk and Ex-officio Recorder,  
District No. 21, Ind. Ter.

WARRANTY DEED.

337

Know all Men by these Presents, That *Tom Grant, Executor of the estate of C. J. Grant, deceased,* County, State of Oklahoma, part *27* of the first part, in consideration of the

*Garvin* County, State of Oklahoma, part *27* of the first part, in consideration of the *four hundred* Dollars, Sell and Convey *The City of Pauls Valley, a Municipal Corporation,* County, State of Oklahoma, part *27* of the second part, the following described

property and premises, situated in *Garvin* County, State of Oklahoma, to-wit: *Three (3), Four (4), Seven (7) and Eight (8) in Block* according to the *Government Survey and Official Plat*

together with all the improvements thereon and the appurtenances thereunto belonging, and Warrant the title to the same. TO HAVE AND TO HOLD said described premises unto the said part *27* of the second part, and its heirs and assigns, forever, free, clear and discharged of and from all former grants, charges, taxes, judgments, mortgages and other liens and incumbrances of whatsoever nature

Signed and delivered this *15<sup>th</sup>* day of *March* 190*7*.

*Tom Grant, Executor.*

STATE OF OKLAHOMA, }  
*Garvin* County. } ss.

BEFORE ME, *Arthur M. Foss* a Notary Public

and for said County and State, on this *15<sup>th</sup>* day of *March*, 190*7* - personally appeared *Tom Grant, Executor of the estate of C. J. Grant, deceased,*

to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he executed the same as his free and voluntary act and deed, and in the capacity therein stated, for the uses and purposes therein set forth.

WITNESS my hand and official seal, the day and year above set forth. *Arthur M. Foss* Notary Public.  
My commission expires *July 10<sup>th</sup> 1911.*

STATE OF OKLAHOMA, }  
*Garvin* County. } ss.  
Fees, \$ /

This instrument was filed for record on the *23* day of *Mar.* 190*7* at *30* o'clock P. M., and duly recorded in Book *W. P. HARRIS,*

KNOW ALL MEN BY THESE PRESENTS:

RELEASE OF REAL ESTATE MORTGAGE.

179

That C. L. Grimes in consideration of value received, do hereby discharge and release from said mortgage given by James E. Cooper and Allie E. Cooper, his wife to C. L. Grimes for \$550.00 dated the 15 day of Sept. 11. 1916, and filed for record on the 26 day of Dec. A. D. 1916, the same being recorded in Book 6 of Mortgages at page 19 in the office of Register of Deeds, in the County of Garvin and State of Oklahoma; the property hereby discharged and released from said mortgage being as follows: NW4 of NE4 less E.04 acres for Ry. and NE2 of SW4 of NE4 less 1.52 acres for Ry. and SW4 of SW4 of NE4 of Section 8 Township 3 North Range 4 West Containing 66.43 acres.

WITNESS MY HAND This 18 day of Nov. A. D. 1920.  
C. L. Grimes. Mortgagee.

STATE OF OKLAHOMA CLEVELAND COUNTY SS.

Before me, Wm. Synnott, a Notary Public in and for said County and State, on this 18 day of Nov. A. D. 1920, personally appeared C. L. Grimes to me known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and official seal this 18 day of Nov. A. D. 1920.  
My commission expires July 16, 1921. (Seal)

This instrument was filed for record Sept. 4, 1922, at 9:30 A. M.  
Wm. Synnott, Notary Public.  
L. Z. Ashurst, County Clerk.

LEASE CONTRACT.

This Contract made and entered into on this the 18th day of April, 1921, by and between the Pauls Valley Athletic Association, a corporation, of Pauls Valley, Garvin County, State of Oklahoma, party of the first part and the Board of Education of the city of Pauls Valley, Garvin County, State of Oklahoma, party of the second part, Witnesseth:

That the party of the first part hereby rents and lets unto the party of the second part, for a period of ten (10) years, the following described lands and premises, to-wit: Lots Three (3), Four (4), Five (5), Six (6), Seven (7) and Eight (8), in Block Two Hundred and Twenty-four (224), in the City of Pauls Valley, Garvin County, State of Oklahoma, according to the official plat thereof.

It is understood and agreed by and between the parties hereto that this lease contract is for a period of ten (10) years, beginning on even date herewith, but to include that part of each year only that the schools of the City of Pauls Valley is in session, that is, the scholastic year and the ten (10) years means the ten (10) scholastic school years and this contract for that time excepts all Sundays, That is, that the party of the first part excepts from this contract, each and all Sundays.

The party of the second part agree and binds itself to pay for the said premises the sum of \$1.00 each year, in advance, on the 20th day of April each year.

That the party of the second part agreed to take good care of said premises and to use the same as an athletic park or field for school athletics and to return the property to the party of the first part at the termination of this contract in as good condition as when taken the usual wear and tear and damages by fire, water and the elements alone excepted.

It is agreed by and between the parties hereto that any improvements placed upon the said premises by the second party may be removed at the termination of this contract.

Attest: Dr. Wm. H. Goldsbury  
Secretary of the Pauls Valley Athletic Association.

Harry M. Hamilton.  
President of Athletic Association

EASEMENT.

KNOW ALL MEN BY THESE PRESENTS: That City of Pauls Valley a Municipality, of Garvin County, State of Oklahoma, for and in consideration of the sum of One and no/100 (\$1.00) and other good and valuable considerations, paid by the State of Oklahoma, the receipt of which is hereby acknowledged, has this day granted, bargained, sold and conveyed unto the said State of Oklahoma, a perpetual easement across, including all damages and building of fences, over and under the following described lots or parcels of land, lying and being situated in Garvin County, Oklahoma, to-wit:

A strip, piece or parcel of land lying in Blocks 223 and #224 in the townsite of Pauls Valley, in Garvin County, Okla. Said parcel of land being a right-of-way 80 feet in width, 40 feet on either side of the center line of the survey for Oklahoma F.A.P. #144. Said parcel of land being further described by metes and bounds as follows:  
Beginning at the intersection of the east line of Hill Avenue and the north Right-of-way line of the A.T.&S.F. Ry. Co., thence east along said north right-of-way line 1330 feet to the intersection of said right-of-way line with the east line of Section 7, T 3N, R 1 E. thence northwesterly on a curve to the left having a radius of 233.2 feet, a distance of 205 feet, thence S 69° 55' W, a distance of 98.7 feet, thence southwesterly on a curve to the right having a radius of 1870.1 feet, thence N 85° 45' W, a distance of 167 feet to the east line of Hill Avenue, thence south along said east line of Hill Avenue 83 feet to the point of beginning. Containing 1.58 acres, more or less. Said parcel of land now being used as highway.

Said grantor hereby covenants and warrants that at the time of the delivery of these presents it is the owner of the before described premises in fee simple; that the same are free and clear of all liens and claims whatsoever, and that it will so long as this easement is in full force and effect defend the same unto the State of Oklahoma against all and every person whonsoever claiming the same.

This easement is granted for the sole purpose of enabling the State of Oklahoma, its officers, agents, contractors, and employees to go upon, construct, build and at all times maintain a public road through, along and over the property herein described and enable the State of Oklahoma, its officers, agents, contractors and employees to always keep said road open for the use of the public.

If for any reason the State of Oklahoma, its officers, agents, and employees should abandon the above described tract of land for road purposes, this easement is null and void.

IN WITNESS WHEREOF, the grantor herein named has hereunto set its hand and seal this the 4th day of January 1927.

(Corporate Seal)

ATTEST: W. J. Harris, City Secretary.

CITY OF PAULS VALLEY, OKLAHOMA.

By Russ Mitchell, Mayor.

STATE OF OKLAHOMA

188

COUNTY OF GARVIN

Before me, the undersigned a Notary Public, in and for said County and State, on this 4th day of January 1927, personally appeared Russ Mitchell Mayor of the City of Pauls Valley, Oklahoma, who subscribed the name of the maker to the within and foregoing instrument, as its Mayor, and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such municipality, for the uses and purposes therein set forth.

Given under my hand and seal of office the day and year last above written.  
(Seal) My commission expires Jan., 23rd, 1928.

W. M. Freeman, Notary Public.

Filed for record. Jan. 11, 1927, 10 A.M.

R. Roquemore, County Clerk.

# OIL AND GAS LEASE

1946 by and between the City of Pauls Valley, Oklahoma, hereinafter called the lessor (Whether one or more) and Pecon Valley Alfalfa Mill Company hereinafter called lessee.

WITNESSETH that the said lessor, for and in consideration of the sum of One and more Dollars, to the said lessee, has granted, demised, leased and let unto the said lessee, for the sole and separate use and enjoyment of the said lessee, all and singular the premises hereinafter contained on the part of lessee to be paid, to-wit: Lots 1 to 9, both inclusive in Block 224; All of Block 103; Lots 1, 2, 3, and 5 in Block 105; Lots 1 and 6, both inclusive in Block 71; Lots 3, 4, 5, & 6, in Block 70, all in the City of Pauls Valley, Garvin County, Oklahoma.

of Section 20 Township 5 N Range 10 E and containing 20 acres, more or less.

It is agreed that this lease shall remain in force for a term of Five years from date, and as long thereafter as oil or gas or either of them, is produced from said land by the lessee. In consideration of the premises the said lessee covenants and agrees: To deliver to the credit of lessor, free of cost, in the pipe lines or tanks to which he may connect his wells, the equal one-eighth part of all oil produced and saved from said leased premises. And where gas only is found, one-eighth of the value of all raw gas at the mouth of the wells, while said gas is being used or sold off the premises, payment for gas so used or sold to be made monthly. The lessor to have gas free of cost from any gas well on said premises for all stoves and all inside lights in the principal dwelling house on said land by making its own connections with the well at its own risk and expense. To pay lessor for gas produced from any oil well and used off the premises one-eighth of the value of the raw gas at the mouth of the well, payment for the gas so used or sold to be made quarterly.

If no well be commenced on said land on or before the 16th day of January 1947 this lease shall terminate as to both parties unless the lessee on or before that date shall pay or tender to the lessor or to the lessor's credit in the First National Bank of Pauls Valley, Oklahoma Twenty and No/100 DOLLARS which shall operate as rental and cover the privilege of deferring in the commencement of a well for 12 months from said date, in like manner and upon like payments or tenders the commencement of a well may be further deferred for periods of the same number of months successively. And it is understood and agreed that the commutation of a well shall be made in the event of an oil well, or into a unit or units not exceeding the lessor's option of extending that period as aforesaid, and any and all other rights conferred by this lease or any portion thereof with other land or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be a unit or units not exceeding 40 acres each in the conveyance records of the county in which the land being pooled is situated an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties, as if it were included in this lease. If production is found on the premises covered by this lease or on any other land in which the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit involved.

Should the first well drilled on the above described land be a dry hole, then and in that event, if a second well is not commenced on said land within twelve months from the expiration of the last rental period for which rental has been paid, this lease shall terminate as to both parties, unless the lessee on or before the expiration of said twelve months shall resume the payment of rentals in the same amount and in the same manner as hereinbefore provided. And it is agreed that upon the resumption of the payment of rentals, as above provided, that the last preceding paragraph hereof, governing the payment of rentals and the effect thereof, shall continue in force just as though there had been no interruption in the rental payment.

If said lessor owns a less interest in the above described land than the entire and undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the lessor only in proportion which his interest bears to the whole and undivided fee. Lessee shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of lessor. When requested by the lessor, lessee shall bury pipe line below plow depth. No well shall be drilled nearer than 200 feet to the house or barn now on said premises, without the written consent of the lessor. Lessee shall pay for all damages caused by its operations to growing crops on said premises, including the right to draw and remove casing. Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing. If the estate of either party hereto is assigned and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors or assigns, but no change in the ownership of the land or assignment of rentals or royalties shall be binding on the lessee until after the lessee has been furnished with a written transfer or assignment of a true copy thereof, and it is hereby agreed in the event this lease shall be assigned as to a part or parts of the above described lands and the assignee of such part or parts shall fail or be default in the payment of the proportionate part of the rentals due from him or them, such default shall not operate to defeat or affect this lease in so far as it covers a part or parts of the lands on which the said lessee or any assignee thereof shall make due payment of said rentals. Lessor hereby warrants and agrees to defend the title to the lands herein described, and in the event of default of payment by lessor, and to redeem for lessor by payment any mortgage, taxes, or other liens on the lands herein described, and this lease shall be subrogated to the rights of the holder thereof. All express or implied covenants of this lease shall be subject to all Federal and State Laws, Executive Orders, Rules or Regulations, and this lease shall not be terminated, in whole or in part, nor lessee held liable in damages, for failure to comply therewith, if compliance is prevented by or, if such failure is the result of, any such Law, Order, or Regulation.

Any drilling or excavation whatsoever is hereby prohibited on any part of the above lands. In Testimony Whereof we Sign, this 16th day of January, 1946.

W. J. Harris  
ATTEST: City Secretary  
(Corporate Seal)

THE CITY OF PAULS VALLEY, OKLAHOMA, A  
Municipal Corporation  
By G. F. Wacker, Mayor.

### ACKNOWLEDGMENT TO THE LEASE

STATE OF OKLAHOMA, County of Garvin, ss.  
Before me, the undersigned, Notary Public, in and for said County and State, on this 16th day of January 1946, personally appeared G. F. Wacker

who signed the name of the maker thereof to the within and acknowledged to me that he executed the within and foregoing instrument and acknowledged to me that as its Mayor he executed the same as a free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF: I have hereunto set my official signature and affixed my notarial seal the day and year first above written.

My Commission Expires January 10th, 1947 (Seal) E. W. Paul Notary Public

### ACKNOWLEDGMENT WHERE THE LESSOR SIGNS BY MARK

STATE OF OKLAHOMA, County of Garvin, ss.  
On this 16th day of January, A. D. 1946, before me the undersigned, a Notary Public, in and for the County and State aforesaid, personally appeared G. F. Wacker and E. W. Paul to me known to be the identical person who executed the within and foregoing instrument by mark in my presence and in the presence of W. J. Harris as witnesses, an acknowledged to me that he executed the same as a free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and seal of office the day and year last above written.

My Commission Expires January 10th, 1947 Notary Public

STATE OF OKLAHOMA, County of Garvin, ss.  
The instrument was filed for record on the 26 day of January 1946, at 11 o'clock A. M., and duly recorded in book 268 page 156 of the records of this office.

By R. Henderson Deputy Clerk

R. HENDERSON, County Clerk.

WARRANTY DEED

This indenture, made and entered into this 24 day of Sept. 1949, by and between the Board of City Commissioners of the City of Pauls Valley, Oklahoma, a municipal corporation, acting by and through Jack Livingston, the duly elected, qualified and acting Mayor and Chairman of the Board of City Commissioners of the City of Pauls Valley, Oklahoma, party of the first part, and the State of Oklahoma, acting as trustee for the Oklahoma National Guard, party of the second part,

WITNESSETH:  
That, Whereas, on the 24 day of Sept. 1949, the said Board of City Commissioners of the City of Pauls Valley, Oklahoma, made an Order by proper resolution, authorizing the said party of the first part to sell certain real estate belonging to the said City of Pauls Valley, Oklahoma, to the said second party, and directing said Chairman of the Board of City Commissioners of said City of Pauls Valley, Oklahoma, to execute and deliver a deed to the said second party.  
Now, therefore, KNOW ALL MEN BY THESE PRESENTS: That the Board of City Commissioners of said City of Pauls Valley, Oklahoma, acting by and through Jack Livingston, the duly elected, qualified and acting Mayor and Chairman of the Board of City Commissioners of the City of Pauls Valley, Oklahoma, party of the first part in consideration of the sum of One Dollar and other good and valuable considerations in hand paid, the receipt of which is hereby acknowledged, does grant, bargain, sell and convey unto the State of Oklahoma for the use and benefit of the Oklahoma National Guard, party of the second part, the following described real property and premises situated in the City of Pauls Valley, Garvin County, Oklahoma, to-wit:

A tract of land out of Lots 3 and 4 in Block 224 of the City of Pauls Valley, Oklahoma, more particularly described by metes and bounds as follows; to-wit: Beginning at a point 65 ft. N. and 18.5 ft. W of the SE corner of Lot 4 in Block 224, thence N. and parallel to the E. line of Lot 3 & 4 a distance of 330 ft., thence N. and parallel to Lot 3, thence E. and parallel to the N. line of Lot 3 a distance of 330 ft. to a point 18.5 ft. W. of the E. line of Lot 3, thence S. a distance of 270 ft. the point of beginning, and containing 1.8595 acres, more or less, in Garvin County, Oklahoma.

together with all improvements thereon and the appurtenances thereunto belonging, and warrant the title to same.

To Have and to Hold the said described premises unto the said party of the second part, its successors and assigns forever free, clear and discharged of and from all former grants, taxes, judgments, mortgages, and other liens and incumbrances of whatsoever nature.

Signed and delivered this 24 day of September, 1949.

Attest: W. J. Harris, City Clerk  
(Corporate Seal)

BOARD OF CITY COMMISSIONERS OF THE CITY OF  
PAULS VALLEY, OKLAHOMA  
By Jack Livingston, Mayor and Chairman of the Board  
of City Commissioners of the City of Pauls Valley,  
Oklahoma

State of Oklahoma, Garvin County, ss:  
Before me, the undersigned, a Notary Public, within and for the above named county and state, on this 24 day of September, 1949, personally appeared Jack Livingston, to me known to be the duly qualified and acting Mayor of the City of Pauls Valley, Oklahoma, and Chairman of the Board of City Commissioners of the City of Pauls Valley, Oklahoma, and the identical person who executed the within and foregoing instrument, and acknowledged to me that he executed the same in his capacity as Mayor and Chairman of the Board of City Commissioners of the City of Pauls Valley, Oklahoma, as his free and voluntary act and deed as such Mayor and Chairman of said Board and as the free and voluntary act and deed of the Board of City Commissioners of the City of Pauls Valley, Oklahoma, for the uses and purposes therein set forth.

Witness my hand and seal the date first above written.

BE IT RESOLVED BY THE BOARD OF CITY COMMISSIONERS OF THE CITY OF PAULS VALLEY, OKLAHOMA: That, whereas, The State of Oklahoma is contemplating the construction of an armory in the City of Pauls Valley, Oklahoma, in order to provide armory facilities to Hv Mort Co. 179th Infantry, Oklahoma National Guard; and, whereas, in order that the matter further progress to the construction, it is necessary for the City of Pauls Valley, Oklahoma, to provide a site for the location of said armory, said site having heretofore been selected by the proper officers; and, whereas, the Commission of the City of Pauls Valley, Oklahoma, is desirous of granting said site, upon a due and proper conveyance, the form of which has heretofore been approved by the Attorney General of the State of Oklahoma, to be executed by the Mayor of the City of Pauls Valley, Oklahoma;

NOW, THEREFORE, It is Resolved by the Commission of the City of Pauls Valley, that the City of Pauls Valley, Oklahoma, grant to the State of Oklahoma, acting as Trustee for the Oklahoma National Guard, pursuant to Section 218, Title 44, Oklahoma Statutes 1941, a site for such armory, same being described in particular as follows:

A tract of land out of Lots 3 and 4 in Block 224 of the City of Pauls Valley, Oklahoma, more particularly described by metes and bounds as follows, to-wit: Beginning at a point 65 ft. N. and 18.5 ft. W. of the SE corner of Lot 4 in Block 224, thence W. and parallel to the S. line of Lot 4 a distance of 330 ft. thence N. and parallel to the E. line of Lots 3 & 4 a distance of 270 ft. to a point 5 ft. S. of the N. line of Lot 3, thence E. and parallel to the N. line of Lot 3 a distance of 330 ft. to a point 18.5 ft. W. of the E. line of Lot 3, thence S. a distance of 270 ft. the point of beginning, and containing 1.8595 acres, more or less, in Garvin County, Oklahoma.

And the Mayor of the City of Pauls Valley, Oklahoma, is hereby authorized and directed to forthwith execute a good and proper conveyance of such site to the State of Oklahoma, acting as Trustee for the Oklahoma National Guard, upon form of conveyance heretofore approved by the Attorney General of the State of Oklahoma, and to deliver such conveyance to the Adjutant General of the State of Oklahoma, for approval as provided in Section 218, Title 44, Oklahoma Statutes, 1941.

Adopted in regular adjourned session this 24 day of September, 1949.

Attest; W. J. Harris, City Clerk (Seal) Jack Livingston, Mayor

Filed for record October 1, 1949 8 A. M. R. Henderson, County Clerk

RELEASE OF REAL ESTATE MORTGAGE

In consideration of full payment of the debt named therein, E. L. Gaither and G. H. Gaither, does hereby release the real estate mortgage executed by Clyde Blankenship and Blanche M. Blankenship to E. L. Gaither & G. H. Gaither, on the 17th day of November, 1948 to secure the payment of \$1000.00, which mortgage is recorded in Book 291 at Page 221 of the mortgage records of Garvin County, State of Oklahoma.

Witness my hand on this 1st day of October, 1949.

E. L. Gaither & G. H. Gaither  
By G. H. Gaither, Partner

State of Oklahoma, Garvin County, ss.

Before me, the undersigned, a Notary Public in and for said County and state on this 1st day of October, A. D. 1949, personally appeared G. H. Gaither to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

State of Oklahoma, Garvin County, ss:

Before me the undersigned a Notary Public, in and for said county and state on this 1st day of October, A. D. 1949, personally appeared G. H. Gaither to me known to be the identical person

APN: \_\_\_\_\_

When Recorded Return to:

Donald W. Reynolds Foundation  
1701 Village Center Circle  
Las Vegas, Nevada 89134  
Attn: Craig Willis

RECEIVED

MAY 08 2009

Donald W. Reynolds Foundation

### MEMORANDUM OF CONSTRUCTION GRANT AGREEMENT

THIS MEMORANDUM OF CONSTRUCTION GRANT AGREEMENT (this "Memorandum") is dated as of January 26, 2008, by and between the Donald W. Reynolds Foundation, a Nevada non-profit corporation ("Foundation") and the City of Pauls Valley, OK ("Grantee").

1. Grantee and Foundation have entered into a Construction Grant Agreement dated as of January 26, 2008 (the "Grant Agreement"), for a grant to be used to build a Project on Grantee's existing real property, which real property is more particularly described on Exhibit "A" attached hereto and incorporated herein (the "Property"). Capitalized terms not defined in this Memorandum have the meanings set forth in the Grant Agreement.
2. Foundation has approved a grant to Grantee in the Grant Amount to construct the Project and to purchase furnishings and equipment, all as further described in the Grant Agreement.
3. The Grant Agreement provides, among other things, as follows:

8.1 Use Restriction. It is expressly agreed by Grantee, its successors or assigns, that the Project shall be used solely for the philanthropic or charitable purposes generally set forth in the Grant Request ("Use Restriction"). Any use of the Project which is inconsistent with the Use Restriction shall be considered a willful and material breach of this Agreement.

8.2 No Further Encumbrance. Grantee shall not record or impose, and shall not permit the recordation or imposition of, any monetary lien or other monetary encumbrance not of record as of the date of this Agreement against the Project or all or any portion of the real property upon which the Project is to be constructed, including, without limitation, any mortgage or deed of trust, without the prior written consent of Foundation.

8.3 Binding. Grantee hereby agrees that the Use Restriction set forth in Section 8.1 and the restriction set forth in Section 8.2 shall run with the

1-2009-005176 Book 1888 Pg: 63  
07/28/2009 8:00 am Pg 0063-0066  
Fee \$ 19.00 Doc \$ 0.00  
Gina Mann - Garvin County Clerk  
State of Oklahoma



**QUITCLAIM DEED**

**KNOW ALL MEN BY THESE PRESENTS:**

That the State of Oklahoma, acting by and through the Oklahoma Military Department by its Adjutant General, Major General Myles L. Deering, a body corporate and politic and instrumentality of the State of Oklahoma, Grantor, in consideration of the sum of One and No/100 dollars and other valuable consideration in hand paid, the receipt and sufficiency of which are hereby acknowledged, do hereby quitclaim, grant, bargain, sell and convey unto **Garvin County, Oklahoma**, Grantee, the following described real property and premises lying and situated in the City of Pauls Valley, Garvin County, State of Oklahoma, as follows:

A tract of land out of Lots 3 and 4 in Block 224 of the City of Pauls Valley, Oklahoma, more particularly described by the metes and bounds as follows, to-wit; Beginning at a point 65 ft. N. and 18.5 ft. W. of the SE. corner of Lot 4 in Block 224, thence W. and parallel to the S. line of Lot 4, a distance of 330 ft., thence N. and parallel to the E. line of Lots 3 and 4 a distance of 270 ft. to a point 5 ft. S. of the N. line of Lot 3, thence E. and parallel to the N. line of Lot 3 a distance of 330 ft. to a point 18.5 ft W. of the E. line of Lot 3, thence S. a distance of 270 ft. the point of beginning, and containing 1.8595 acres, more or less, in Garvin County, Oklahoma.

together with the improvements thereon and appurtenances thereunto belonging.

---

**NOTICE: THE ABOVE DESCRIBED PROPERTY MAY HAVE BEEN CONTAMINATED WITH LEAD, ASBESTOS AND OTHER CONTAMINANTS.**

---

**TO HAVE AND TO HOLD** unto the Grantee, its successors, and assigns for so long as said real property is used for a public purpose as required for this transfer in accordance with title 44, section 233.3(B) of the Oklahoma Statutes.

Signed and delivered this 9 day of December 2010.

**STATE OF OKLAHOMA**

By:   
**Major General Myles L. Deering,**  
**Adjutant General of the State of Oklahoma**



I-2010-008300 Book 1931 Pg: 17  
12/28/2010 8:00 am Pg 0017-0018  
Fee \$ 15.00 Doc. \$ 0.00  
Gina Mann - Garvin County Clerk  
State of Oklahoma 

8:00  
15:00



**MEMORANDUM OF AGREEMENT  
BETWEEN  
THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY AND  
THE COUNTY OF GARVIN**

**1. PURPOSE:** The purpose of this Memorandum of Agreement (MOA) is to establish a mutual framework governing the respective organizational relationships, responsibilities, and activities between the Oklahoma Department of Environmental Quality (DEQ) and the County of Garvin. This agreement is primarily for occupancy and access to the local armory building before and during limited remediation. The areas of responsibility and relationships presented herein provide the concept under which the program will be executed.

**2. BACKGROUND:** The Oklahoma Military Department (OMD) transferred title to its armory building at 1001 North Ash Street, Pauls Valley, Oklahoma to the County of Garvin for public purpose use. There is a strong likelihood that the building contains asbestos and/or lead based paint. If an indoor firing range is located in the building, high concentrations of lead will be present. The DEQ plans to confirm the presence of hazards using sampling and analysis and to abate the asbestos, abate the lead based paint, and remediate the firing range.

**3. RESPONSIBILITIES OF THE PARTIES:** The following paragraphs identify responsibilities of the parties under this MOA:

The County's Responsibilities:

- Provide keys and access to DEQ and its contractors as needed to evaluate and remediate building;
- Restrict occupant's use/presence in the building before and during remediation, as requested. This could include removing equipment, vehicles and other items that may be in the way of cleanup activities; and
- Coordinate with DEQ during the remediation process.

The DEQ's Responsibilities:

- Provide regular progress reports to the County;

- Mitigate hazards to remedial goals with minimal use restrictions;
- Supply the County with a final report of all DEQ activities;
- File mandatory Notice of Remediation, i.e. deed notice;
- Notify the County of ongoing operations and maintenance issues, if any; and
- Perform armory transfer ceremony, if appropriate.

**4. BUILDING USE RESTRICTIONS BEFORE CLEANUP**

- No access to or use of the indoor firing range, if one is located there;
- No residential use;
- No use as a child occupied or elder care facility; and
- No use of the property without DEQ approval.

**5. RESPONSIBILITY FOR COSTS:** The DEQ is responsible for costs associated with site characterization and remediation of the armory building. The DEQ is not responsible for costs associated with insuring, maintenance and mowing of the property. The DEQ is not responsible for structural issues, replacement of roofing systems, mold issues, or building security.

**6. PUBLIC INFORMATION:** The County is generally responsible for all public information. However, the DEQ may make public announcements and respond to all inquiries relating to the characterization and remediation of the building. The County and the DEQ shall make their best efforts to give the other party advance notice before making any public statement regarding work contemplated, undertaken, or completed pursuant to this MOA. DEQ will prepare a press release in advance of the armory ceremony, if one is held.

**7. COMMUNICATIONS AND COORDINATION REPRESENTATIVES:** To provide consistent and effective communication between the DEQ and the County, each party shall appoint a principal representative to serve as its central point of contact on matters relating to this MOA.

For the DEQ:

Dustin Davidson  
 Project Manager  
 Box 1677, OkC, OK 73101-1677  
 405-702-5100  
[dustin.davidson@deq.ok.gov](mailto:dustin.davidson@deq.ok.gov)

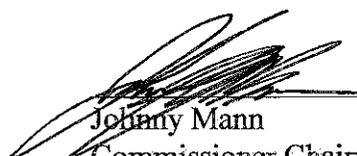
For the County:

Johnny Mann  
Commissioner Chairman  
50270 E County Road 1520, Stratford OK 74872  
580-759-2362  
[harleycomish@yahoo.com](mailto:harleycomish@yahoo.com)

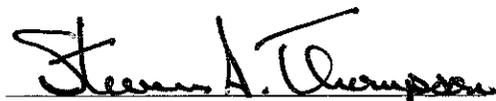
**8. MISCELLANEOUS:** This MOA shall not affect any pre-existing or independent relationships or obligations between the parties.

**9. EFFECTIVE DATE:** This Agreement becomes effective upon the date of the signature of the Executive Director of the DEQ and will remain in effect until the armory building has been remediated and released for occupancy by the DEQ.

**10. ACCEPTANCE OF AGREEMENT:** The parties acknowledge and agree that they have read the Agreement and that they accept the responsibilities with which they are charged. The County agrees to comply with the building use restrictions before cleanup and understands that failure to comply with said restrictions or failure to adhere to the responsibilities enumerated in this Agreement may result in delayed remediation.

  
\_\_\_\_\_  
Johnny Mann  
Commissioner Chairman  
County of Garvin

12-27-10  
\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
Steven A. Thompson  
Executive Director  
Department of Environmental Quality

1-19-11  
\_\_\_\_\_  
DATE

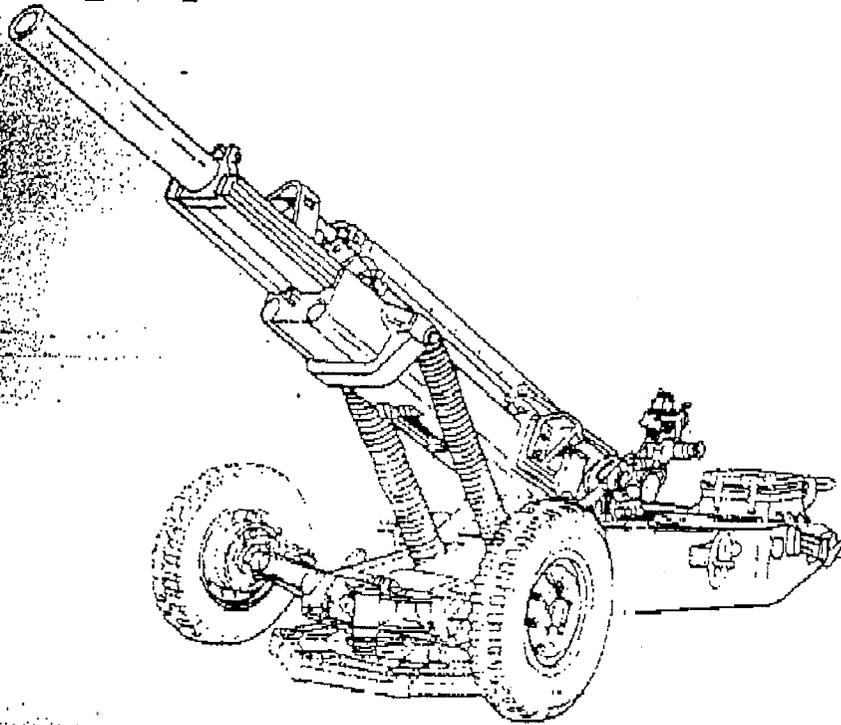
# APPENDIX E:

## OKARNG Documents

- 1995 Use Agreement
- 1995 ARNG Environmental Checklist
- 1996 Record of Environmental Consideration
- 1998 WINCASS Management Report
- 2008 OKARNG Memo
- 2010 Limited Environmental Baseline  
Assessment
- Historic Armory Information from  
Adrienne Grimmett

FROM BTRY A 1/160

405-238-6270



TO ORDE-ENV Jim Peck  
PHONE 405-425-8590

SUBJECT USE Agreement

Will you Need ARNG ENV Check List Also?  
If So Call me at 405-238 6270

SR M'Donn

USE AGREEMENT

This Agreement made this 29 day of NOVember, 1995, by and between Bradford Crowder (Landowner) and Btry A 1 BN 160 FA unit of the Oklahoma Army National Guard (Guard).

1. The Landowner in consideration of the covenants and agreements hereinafter set forth does by these presents grant to the Guard the non-exclusive right to use the following described property:

2. This agreement is for a period of one year beginning 29 Nov 95 and terminating on 28 Nov 96. Said agreement may be terminated by either party giving the other party thirty (30) days written notice.

3. It is understood that the Guard intends to use the property to conduct training. Said training shall include: Setting up and Laying 105 Howitzer to include fire Direction Section and other related activities.

4. Except as stated in this paragraph, it is understood that the Guard will not store or permit any other persons to store on the property anything which would be detrimental to the property or a fire hazard or which would endanger personnel or constitute a public nuisance. Exceptions: None

5. Except as stated in this paragraph, it is understood that the Guard at its own expense will remove or cause to be removed all Guard property which it may have placed upon the Landowner's property. Exceptions: None

6. It is understood that the Guard will be responsible for the maintenance of order and safety, in connection with the use of Landowner's property.

7. Except as stated in this paragraph, it is understood that at the end of this agreement, or sooner termination thereof, the Guard shall give peaceable possession to the Landowner in the same condition as the property was in at the time of execution of this agreement, the usual wear and tear caused by the training described above and damages by the elements excepted. Exceptions: None

8. This license may not be assigned or transferred.

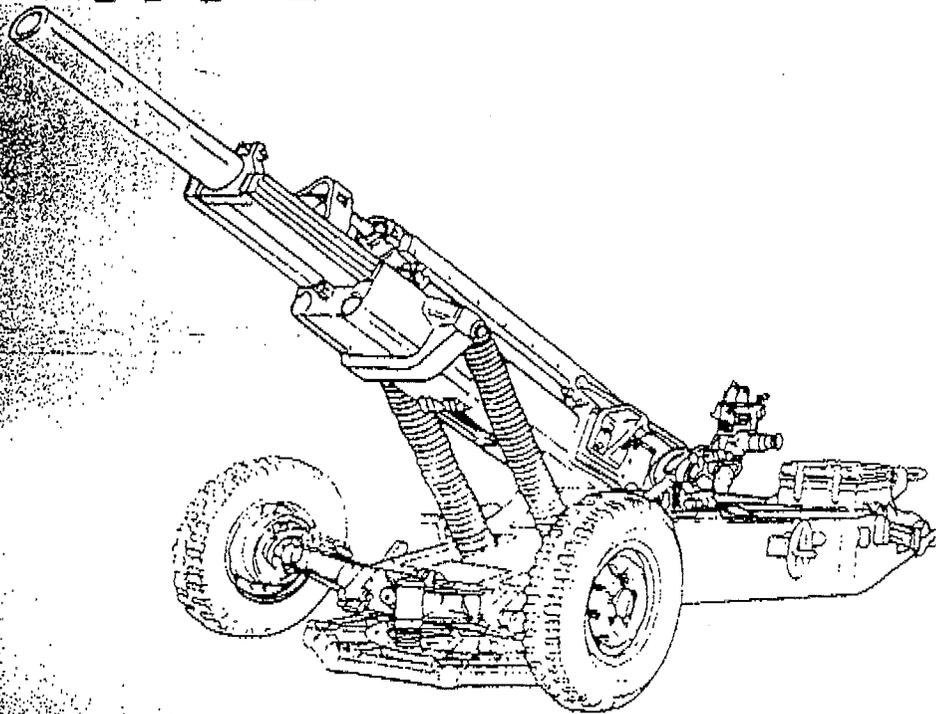
Witness our hands and seals the date first above written.

Bradford Crowder (Landowner)

Sean M. Donnelly (Guard)

FROM BTRY A 1/160

405-238-6270



TO OKDE-ENV Jim Peck  
PHONE 405 425 8590

SUBJECT Use Agreement

Cover + 8 Pages

Date \_\_\_\_\_

State \_\_\_\_\_

(420/1391) Project Number \_\_\_\_\_

ARNG ENVIRONMENTAL CHECKLIST  
(to be completed by proponent)

1. BACKGROUND.

a. Name of proponent Btry A 1BN 160 FA

b. Address and phone number of proponent (POC) SFC McDonald  
PO BOX 60 Pauls Valley OK 405 238 6270

c. Name of proposal \_\_\_\_\_

d. Start and End dates of proposed action 29 Nov 95 - 28 Nov 96

e. Has the project/action been addressed in a separate environmental document? If so, give title, agency, and date. NO

2. DESCRIPTION: All questions in this section must be answered (Include a 1/50, 1/25, 1/24, or 1/12.5 USGS, Army tactical or equivalent map with the site clearly marked.)

a. The project/action will involve (Check one or more)

- Training Activities/areas
- Construction
- Maint/Repair/Rehab
- Lease or license
- Reorganization/Restationing
- Environmental Permits/Inspections
- Others (explain)

b. Has the real estate action been addressed in a separate environmental documentation? If so, give the title and date. NO

c. Description and location of ARNG proposal

Acres 8 mile west of Pauls Valley on Hwy  
19 owned by unit First Sergeant

YES      MAYBE      NO      N/A

(2) Location close to a civilian community where noise might affect the population? Provide the distance to the nearest noise sensitive area.

- a. Residence      No
- b. Church          No
- c. School          No
- d. Hospital        No

X/

(3) Specifying minimum altitudes and flight times for aircraft operations to insure noise impacts are minimized?

NA

(4) Additional night (2200-0700) hours operations?

NA

d. Earth. Will the proposal result in:

(1) Long term disruptions, displacement, compaction, overcovering of the soil, permanent changes in topography or ground surface relief features?      ✓

(2) Long term increase in wind or water erosion of soils, either on or off the site?      ✓

e. Natural Resources. "No" answers in this section must be supported by a letter or a phone record from a subject matter expert (SME) who was contacted, include date and position of the SME.

Will the proposal result in: (Ref. AR 200-1 12-3)

(1) Change in the diversity of species or numbers of any species of mammals, birds, reptiles, amphibians, and fish or plants including trees, shrubs, grass, crops, microflora, or aquatic plants?      NA

(2) Introduction of new species of animals or plants into an area?      NA

(3) Reduction of the numbers of any listed, proposed, or candidate threatened, unique, rare, or endangered species of plants or animal?      NA

(4) The introduction of a barrier to the migration or movement of animals?      NA

- (5) Deterioration, alteration, or destruction to existing wildlife or fish habitat? \_\_\_\_\_ WA
- (6) Increase in the rate of use of any natural resources? \_\_\_\_\_ WA
- (7) Depletion of any non-renewable natural resource? \_\_\_\_\_ NA
- (8) Alteration, destruction, or significant impact on environmentally sensitive areas? \_\_\_\_\_ NA

f. Land Use. Will the proposal result in:

- (1) The alteration of the present land use of an area? \_\_\_\_\_
- (2) Will the proposed project/action take place on: (must check one)
  - (a) State owned land? \_\_\_\_\_
  - (b) Federal owned (DOD owned land)? \_\_\_\_\_
  - (c) Privately owned land?
  - (d) County/city owned? \_\_\_\_\_
  - (e) Other? \_\_\_\_\_  
(specify) \_\_\_\_\_
- (3) Does the proposal contain a federal real estate action? PAS done? \_\_\_\_\_ 
  - (a) Require an increase of acreage/amendment to an existing lease, license, \_\_\_\_\_
  - (b) Require new purchase of \_\_\_\_\_ (no.) Acres with Federal, State, or other funds? \_\_\_\_\_
  - (c) Require new lease, license, land use permit for \_\_\_\_\_ (no.) Acres? \_\_\_\_\_
  - (d) Does action require the disposal or replacement of existing facilities? \_\_\_\_\_

YES MAYBE NO N/A

g. Hazardous Risk/Waste Disposal. Will the proposal result in: (Ref. AR 200-1, Chpt. 6)

- (1) Generation of hazardous waste? \_\_\_\_\_  \_\_\_\_\_
- (2) Treatment, storage, and/or disposal of hazardous waste or materials? \_\_\_\_\_  \_\_\_\_\_
- (3) The storage, treatment, or disposal site/facility being permitted? \_\_\_\_\_  \_\_\_\_\_
- (4) Risk of an explosion, spill, or the release of oil or hazardous substances including, but not limited to pesticides, chemicals or radiation? \_\_\_\_\_  \_\_\_\_\_
- (5) A need for procedures to be specified for the proper handling, storage, use, disposal, and cleanup of hazardous and or toxic materials? \_\_\_\_\_  \_\_\_\_\_
- (6) A need for trained personnel to be available for handling and disposal of hazardous and toxic materials? \_\_\_\_\_  \_\_\_\_\_
- (7) The generation of solid wastes which must be disposed of either on site or off site by contractor? \_\_\_\_\_  \_\_\_\_\_
- (8) Training that generates or has the potential to generate HWS? \_\_\_\_\_  \_\_\_\_\_
- (9) Opportunity for hazardous minimization and recycling? \_\_\_\_\_  \_\_\_\_\_

h. Water. Will the proposal result in: (Ref AR 200-1 Chpt 3)

- (1) Changes in currents or the course of water movements in either marine or fresh waters? (ie drainage patterns) \_\_\_\_\_  \_\_\_\_\_
- (2) Discharge into surface waters or any alteration of surface water quality? \_\_\_\_\_  \_\_\_\_\_
- (3) Change in the quality and/or quantity of ground waters, either through direct additions, withdrawals, or through interception of an aquifer by cuts or excavations? \_\_\_\_\_  \_\_\_\_\_

4. DISCUSSION OF ENVIRONMENTAL ANALYSIS AND POTENTIAL IMPACTS INCLUDE MITIGATION: (Address all "Yes" and "Maybe" answers and "No" answers in the Natural Resources section on a separate sheet)

5. DETERMINATION

(To be completed by the State/Territory Environmental POC)

YES MAYBE NO N/A

a. Mandatory Findings or Significance.

(1) Does the project have the potential to degrade the quality of the environment, or curtail the diversity in environment? \_\_\_\_\_

(2) Does the project have the potential for cumulative impacts on environmental quality when effects are combined with those of other actions or when the action is of lengthy duration (i.e. multiple construction, training exercises, mission expansion)? \_\_\_\_\_

(3) Does the project have environmental effects which will cause substantial adverse effects on humans either directly or indirectly? (ie Noise, Air Quality, Water Quality, Quality of Life) \_\_\_\_\_

On the basis of this initial evaluation, prepare (check one):

A Preliminary Assessment Screening (PAS)

A Record of Environmental Consideration (REC) IAW paragraph 4-3, AR 200-2

An Environmental Assessment (EA) based on paragraphs 5-2 and 5-3 criteria, IAW paragraph 5-4, 5-5, AR 200-2

Notice of Intent (NOI) to prepare an Environmental Impact Statement based on paragraphs 6-2 and 6-3 criteria, IAW paragraph 6-7, AR 200-2

Signature: Leon M. Donald  
Proponent

Concurrence \_\_\_\_\_  
State/Territory Environmental Specialist

Date: 29 Nov 95

Date: \_\_\_\_\_

Date: \_\_\_\_\_

State: \_\_\_\_\_

RECORD OF ENVIRONMENTAL CONSIDERATION

1. Title: (Project/action)

2. Description of Proposed Action: (including existing environmental setting) USE AS TRAINING AREA for 105 HOW BTRY on Local Area owned By member of unit - PASTURE land + Trees

3. Anticipated Start Date and/or Duration of Proposed Action: 2 Dec 95 - Dec 96

4. It has been determined that the action (choose one)

a. Is adequately covered in the existing EA \_\_\_\_\_ EIS \_\_\_\_\_ Entitled \_\_\_\_\_

And dated \_\_\_\_\_

b. Qualifies for Categorical Exclusion #  (Appendix A. AR 200-2.)

c. Is exempt from NEPA requirements under the provisions of (cite superseding law)

*Sean M. Donahy*

SIGNED *[Signature]*  
(Proponent for action)

CONCURRENCE \_\_\_\_\_  
(Land owner, Coordinator, etc)

Date: \_\_\_\_\_

Date: \_\_\_\_\_

CONCURRENCE: \_\_\_\_\_  
(State Environmental Specialist)

CONCURRENCE \_\_\_\_\_  
(FOR THE COMMANDER)

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date \_\_\_\_\_

State \_\_\_\_\_

(420/1391) Project Number \_\_\_\_\_

ARNG ENVIRONMENTAL CHECKLIST  
(to be completed by proponent)

1. BACKGROUND.

a. Name of proponent Btry A 1BN 160 FA

b. Address and phone number of proponent (POC) SFC McDonald  
PO BOX 60 Pauls Valley OK 405 238 6270

c. Name of proposal \_\_\_\_\_

d. Start and End dates of proposed action 29 Nov 95 - 28 Nov 96

e. Has the project/action been addressed in a separate environmental document? If so, give title, agency, and date. NO

2. DESCRIPTION: All questions in this section must be answered (Include a 1/50, 1/25, 1/24, or 1/12.5 USGS, Army tactical or equivalent map with the site clearly marked.)

a. The project/action will involve (Check one or more)

- Training Activities/areas
- Construction
- Maint/Repair/Rehab
- Lease or license
- Reorganization/Restationing
- Environmental Permits/Inspections
- Others (explain)

b. Has the real estate action been addressed in a separate environmental documentation? If so, give the title and date. NO

c. Description and location of ARNG proposal

Acres 8 mile west of Pauls Valley on Hwy  
19 owned by unit First Sergeant

Date: \_\_\_\_\_

State: \_\_\_\_\_

RECORD OF ENVIRONMENTAL CONSIDERATION

1. Title: (Project/action)

2. Description of Proposed Action: (including existing environmental setting) USE AS TRAINING AREA for 105 How Btry on Local Area owned by member of unit - Pasture land + Trees Laying Howitzer for Direction and Preparing The Piece to fire Requires NO Digging of ANYkind. The Howitzer sets on a Platform which is Lowered To The Ground By A CRANK - 8 Vehicle will be used at most

3. Anticipated Start Date and/or Duration of Proposed Action: 2 Dec 95 - Dec 96

4. It has been determined that the action (choose one)

a. Is adequately covered in the existing EA \_\_\_\_\_ EIS \_\_\_\_\_

Entitled \_\_\_\_\_

And dated \_\_\_\_\_

b. Qualifies for Categorical Exclusion # A-19 (Appendix A. AR 200-2.)

c. Is exempt from NEPA requirements under the provisions of (cite superseding law)

*Sam McDonald*

SIGNED *Brad Cranch*  
(Proponent for action)

CONCURRENCE *Brad Cranch*  
(Land owner, Coordinator, etc)

Date: \_\_\_\_\_

Date: \_\_\_\_\_

CONCURRENCE: *James C. Peck*  
(State Environmental Specialist)

CONCURRENCE \_\_\_\_\_  
(FOR THE COMMANDER)

Date: 2 Jan 96

Date: \_\_\_\_\_

Date \_\_\_\_\_

State \_\_\_\_\_

(420/1391) Project Number \_\_\_\_\_

ARNG ENVIRONMENTAL CHECKLIST  
(to be completed by proponent)

1. BACKGROUND.

a. Name of proponent Btry A 1BN 160 FA

b. Address and phone number of proponent (POC) SFC McDonald  
PO BOX 60 Pauls Valley OK 405 238 6270

c. Name of proposal \_\_\_\_\_

d. Start and End dates of proposed action 29 Nov 95 - 28 Nov 96

e. Has the project/action been addressed in a separate environmental document? If so, give title, agency, and date. NO

2. DESCRIPTION: All questions in this section must be answered (Include a 1/50, 1/25, 1/24, or 1/12.5 USGS, Army tactical or equivalent map with the site clearly marked.)

a. The project/action will involve (Check one or more)

- Training Activities/areas
- Construction
- Maint/Repair/Rehab
- Lease or license
- Reorganization/Restationing
- Environmental Permits/Inspections
- Others (explain)

b. Has the real estate action been addressed in a separate environmental documentation? If so, give the title and date. NO

c. Description and location of ARNG proposal

Acres 8 mile west of Pauls Valley on Hwy  
19 owned by unit First Sergeant

d. Environmental setting including present and past use of the proposed site: forest + Pasture Lands

e. How is the land currently zoned, commercial/part of an industrial park/airport/ other? Not zoned

f. Distance to environmentally sensitive areas? List the sites by type and distance. None

3. ENVIRONMENTAL IMPACT ANALYSIS. (Select most correct answer to each question.)

	YES	MAYBE	NO	N/A
a. <u>Air.</u> Will the proposal result in: (Ref: AR 200-1 Chpt 4)				
(1) Air Emissions, introduction of smoke, dust suspended particles, or noxious gases into the air which may result in the deterioration of air quality?	_____	_____	<input checked="" type="checkbox"/>	_____
(2) The creation of objectionable odors or smoke?	_____	_____	<input checked="" type="checkbox"/>	_____
(3) Particulate/dust migration beyond facility boundaries?	_____	_____	<input checked="" type="checkbox"/>	_____
(4) Are Permits required?	_____	_____	<input checked="" type="checkbox"/>	_____
b. <u>Traffic.</u> Will the proposal result in:				
(1) Generation or increase in aircraft activity or traffic?	_____	_____	<input checked="" type="checkbox"/>	_____
(2) Generation or increase in vehicular movement or activity?	_____	_____	<input checked="" type="checkbox"/>	_____
(3) Use/creation of unimproved roads?	_____	_____	<input checked="" type="checkbox"/>	_____
c. <u>Noise.</u> Will the proposal result in: (Ref AR200-1, Chpt 7)				
(1) Increased noise levels?	_____	_____	<input checked="" type="checkbox"/>	_____

YES      MAYBE      NO      N/A

(2) Location close to a civilian community where noise might affect the population? Provide the distance to the nearest noise sensitive area.

a. Residence      No  
b. Church      No  
c. School      No  
d. Hospital      No      \_\_\_\_\_      X/      \_\_\_\_\_

(3) Specifying minimum altitudes and flight times for aircraft operations to insure noise impacts are minimized?      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      NA

(4) Additional night (2200-0700) hours operations?      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      NA

d. Earth. Will the proposal result in:

(1) Long term disruptions, displacement, compaction, overcovering of the soil, permanent changes in topography or ground surface relief features?      \_\_\_\_\_      \_\_\_\_\_      ✓      \_\_\_\_\_

(2) Long term increase in wind or water erosion of soils, either on or off the site?      \_\_\_\_\_      \_\_\_\_\_      ✓      \_\_\_\_\_

e. Natural Resources. "No" answers in this section must be supported by a letter or a phone record from a subject matter expert (SME) who was contacted, include date and position of the SME.

Will the proposal result in: (Ref. AR 200-1 12-3)

(1) Change in the diversity of species or numbers of any species of mammals, birds, reptiles, amphibians, and fish or plants including trees, shrubs, grass, crops, microflora, or aquatic plants?      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      NA

(2) Introduction of new species of animals or plants into an area?      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      NA

(3) Reduction of the numbers of any listed, proposed, or candidate threatened, unique, rare, or endangered species of plants or animal?      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      NA

(4) The introduction of a barrier to the migration or movement of animals?      \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_      NA

- (5) Deterioration, alteration, or destruction to existing wildlife or fish habitat? \_\_\_\_\_ WA
- (6) Increase in the rate of use of any natural resources? \_\_\_\_\_ WA
- (7) Depletion of any non-renewable natural resource? \_\_\_\_\_ NA
- (8) Alteration, destruction, or significant impact on environmentally sensitive areas? \_\_\_\_\_ NA

f. Land Use. Will the proposal result in:

- (1) The alteration of the present land use of an area? \_\_\_\_\_  \_\_\_\_\_
- (2) Will the proposed project/action take place on:  
(must check one)
- (a) State owned land? \_\_\_\_\_
- (b) Federal owned (DOD owned land)? \_\_\_\_\_
- (c) Privately owned land?  \_\_\_\_\_
- (d) County/city owned? \_\_\_\_\_
- (e) Other? \_\_\_\_\_  
(specify)
- (3) Does the proposal contain a federal real estate action? PAS done? \_\_\_\_\_  \_\_\_\_\_
- (a) Require an increase of acreage/amendment to an existing lease, license, \_\_\_\_\_  \_\_\_\_\_
- (b) Require new purchase of \_\_\_\_\_ (no.) Acres with Federal, State, or other funds? \_\_\_\_\_  \_\_\_\_\_
- (c) Require new lease, license, land use permit for \_\_\_\_\_ (no.) Acres? \_\_\_\_\_  \_\_\_\_\_
- (d) Does action require the disposal or replacement of existing facilities? \_\_\_\_\_  \_\_\_\_\_

YES      MAYBE      NO      N/A

g. Hazardous Risk/Waste Disposal. Will the proposal result in: (Ref. A 200-1, Chpt. 6)

- |  |       |       |                                     |       |
|--|-------|-------|-------------------------------------|-------|
| (1) Generation of hazardous waste?   | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (2) Treatment, storage, and/or disposal of hazardous waste or materials?   | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (3) The storage, treatment, or disposal site/facility being permitted?   | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (4) Risk of an explosion, spill, or the release of oil or hazardous substances including, but not limited to pesticides, chemicals or radiation? | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (5) A need for procedures to be specified for the proper handling, storage, use, disposal, and cleanup of hazardous and or toxic materials?      | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (6) A need for trained personnel to be available for handling and disposal of hazardous and toxic materials?                                     | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (7) The generation of solid wastes which must be disposed of either on site or off site by contractor?   | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (8) Training that generates or has the potential to generate HWs?  | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (9) Opportunity for hazardous minimization and recycling?  | _____ | _____ | <input checked="" type="checkbox"/> | _____ |

h. Water. Will the proposal result in: (Ref AR 200-1 Chpt 3)

- |   |       |       |                                     |       |
|---|-------|-------|-------------------------------------|-------|
| (1) Changes in currents or the course of water movements in either marine or fresh waters?<br>(ie drainage patterns)  | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (2) Discharge into surface waters or any alteration of surface water quality?   | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (3) Change in the quality and/or quantity of ground waters, either through direct additions, withdrawals, or through interception of an aquifer by cuts or excavations? | _____ | _____ | <input checked="" type="checkbox"/> | _____ |

- |   | YES   | MAYBE | NO                                  | N/A   |
|---|-------|-------|-------------------------------------|-------|
| (4) Potential for accidental spills of hazardous or toxic material near or in a body of water?  | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (5) The need for spill prevention and contingency measures to be developed?                     | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (6) The construction of facilities or implementation of actions within floodplains or wetlands? | _____ | _____ | <input checked="" type="checkbox"/> | _____ |
| (7) Requires a discharge permit?  | _____ | _____ | <input checked="" type="checkbox"/> | _____ |

i. Archeological/historical.

a. Will the proposal result in an alteration or destruction of an archeological or historical site, structure, object, or building on or eligible for inclusion in the National Register of Historic Places? (Ref. AR 200-1, Chpt. 12 sec 12-4)

\_\_\_\_\_  \_\_\_\_\_

b. All areas have not been critically evaluated

\_\_\_\_\_  \_\_\_\_\_

j. Population. Will the proposal alter the location, distribution, or density of the human population of an area?

\_\_\_\_\_  \_\_\_\_\_

k. Utilities. Will the proposal result in a need for new systems, or alterations to the following utilities:

(1) Electrical power, fossil fuel or other (\_\_\_\_\_)? specify

\_\_\_\_\_  \_\_\_\_\_

(2) Drinking water?

\_\_\_\_\_  \_\_\_\_\_

(3) Wastewater treatment?

\_\_\_\_\_  \_\_\_\_\_

(4) Sewer collection system?

\_\_\_\_\_  \_\_\_\_\_

(5) Washracks?

\_\_\_\_\_  \_\_\_\_\_

4. DISCUSSION OF ENVIRONMENTAL ANALYSIS AND POTENTIAL IMPACTS INCLUDE MITIGATION: (Address all "Yes" and "Maybe" answers and "No" answers in the Natural Resources section on a separate sheet)

5. DETERMINATION

(To be completed by the State/Territory Environmental POC)

YES      MAYBE      NO      N/A

a. Mandatory Findings or Significance.

(1) Does the project have the potential to degrade the quality of the environment, or curtail the diversity in environment?      \_\_\_\_\_      \_\_\_\_\_      X      \_\_\_\_\_

(2) Does the project have the potential for cumulative impacts on environmental quality when effects are combined with those of other actions or when the action is of lengthy duration (i.e. multiple construction, training exercises, mission expansion)?      \_\_\_\_\_      \_\_\_\_\_      X      \_\_\_\_\_

(3) Does the project have environmental effects which will cause substantial adverse effects on humans either directly or indirectly? (ie Noise, Air Quality, Water Quality, Quality of Life)      \_\_\_\_\_      \_\_\_\_\_      X      \_\_\_\_\_

On the basis of this initial evaluation, prepare (check one):

\_\_\_\_\_ A Preliminary Assessment Screening (PAS)

X A Record of Environmental Consideration (REC) IAW paragraph 4-3, AR 200-2

\_\_\_\_\_ An Environmental Assessment (EA) based on paragraphs 5-2 and 5-3 criteria, IAW paragraph 5-4, 5-5, AR 200-2

\_\_\_\_\_ Notice of Intent (NOI) to prepare an Environmental Impact Statement based on paragraphs 6-2 and 6-3 criteria, IAW paragraph 6-7, AR 200-2

Signature: Leon McDonald  
Proponent

Concurrence: James C. Peck  
State/Territory Environmental Specialist

Date: 29 Nov 95

Date: 2 Jan 96

**WINCASS MANAGEMENT REPORT  
OKLAHOMA ARMY NATIONAL GUARD  
05/08/98**

**FINDING REFERENCE:**

**TEAM GUIDE SECTION:** Storage Tank Management

**URC:** ST.095.01.TEAM.0000 02

**REFERENCE NUMBER:** C022

---

**SUMMARY CONDITION STATEMENT:**

An underground storage tank (UST) that has been out of service for more than 1 year has not been permanently closed

**REGULATORY CITATION:** 40 CFR 280.10(c) and 280.70 [March 1995]

**REGULATORY REQUIREMENT:**

USTs which are put out of service temporarily, must have continued maintenance.

**RANK:** Statutory Class I Major

---

**FACILITY/CONDITION INFORMATION:**

**FACILITY NAME AND TYPE:** Pauls Valley Armory, Armory

**FISP NUMBER/INSTALLATION NUMBER:** 40340

**DATE ASSESSED:** 07/24/97

**FACILITY SPECIFIC DETAILS:**

A 1,000-gallon UST was reportedly installed in 1976 for fueling vehicles on site. The tank was reportedly abandoned between 1982 and 1986. The out-of-service UST has not been properly closed. It is uncertain if the tank contains any product or if it is leaking. Facility personnel have indicated that a contract is in progress to remove the tank in about two months.

PP: N/A



**WINCASS MANAGEMENT REPORT  
OKLAHOMA ARMY NATIONAL GUARD  
05/08/98**

**FINDING REFERENCE:**

**URC:** ST.095.01.TEAM.0000 02 **REFERENCE NUMBER:** C022

---

**CORRECTIVE ACTION PROCESS:**

**PROPOSED CORRECTIVE ALTERNATIVE(S):**

Alternative: Close the UST in accordance with all Federal, state, and local requirements.

Cost: \$10,000/tank removal

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**SELECTED CORRECTIVE ACTION:**

Close the UST in accordance with all Federal, state, and local requirements.

**ESTIMATED COST:** \$10,000/tank removal

**STATUS:** Closed

**STATUS DATE:** 10/24/1997

**GOAL DATE:** 10/31/1997

**STATE REPRESENTATIVE:** Brent Shumard

**REVIEWER NAME:** Brent Shumard

**PHONE:** (405) 425-8699

**REVIEW DATE:** 10/17/1997

**IRF COMMENTS:**

A 1,000 gallon UST located near the southeast corner of the armory was properly removed on Oct. 24, 1997.



OKLAHOMA NATIONAL GUARD  
**JOINT FORCE HEADQUARTERS**  
3501 MILITARY CIRCLE  
OKLAHOMA CITY OK 73111-4398  
(405) 228-5000 OR DSN 628-5000

OKDE-ENV

20 June 2008

MEMORANDUM FOR MAJ Tabler, Oklahoma Military Department, OKNG/JFHQ-OK, 3501 Military Circle, Oklahoma City, OK 73111

SUBJECT: Record of Environmental Consideration

1. The ARNG Environmental Checklist and Record of Environmental Consideration received by OKDE-ENV on 20 June 2008 have been reviewed.
2. The description of the proposed action is as follows: IBCT Transformation / A 1-160 Fires. National Guard Armory located at 1001 N. Ash Pauls Valley, OK 73075 and surrounding motor pool. A 1-160 FA (67 pax) transforms to 1-160 Fires IBCT (94 pax) at same location.
3. The proposed action qualifies under 32 CFR 651, dated 29 Mar 02, (AR 200-2 Environmental Analysis of Army Actions) for Categorical Exclusion B-12; Reductions and realignments of civilian and/or military personnel that: fall below the thresholds for reportable actions as prescribed by statute (10 U.S.C. 2687) and do not involve related activities such as construction, renovation, or demolition activities that would otherwise require an EA or an EIS to implement (REC required). This includes reorganizations and reassignments with no changes in force structure, unit redesignations, and routine administrative reorganizations and consolidations (REC required).
4. Any changes to the proposed action different than the above-referenced document submitted this date will need to be reevaluated by the Environmental Office and requires completion of a revised ARNG Environmental Checklist and Record of Environmental Consideration.
5. The point of contact for this memorandum is Brenda Hernandez, Interim NEPA Manager, at 405-228-5333 or [brenda.hernandez3@us.army.mil](mailto:brenda.hernandez3@us.army.mil).

- 2 Encls  
1. ARNG Checklist  
2. REC (Signed)

  
COL James C. Peck (Ret.)  
Environmental Program Manager

# ARNG ENVIRONMENTAL CHECKLIST

Enter information in the yellow shaded areas.

## PART A - BACKGROUND INFORMATION

<b>1. PROJECT NAME:</b> IBCT Transformation / A 1-160 Fires	
<b>2. PROJECT NUMBER:</b>	<b>3. DATE:</b> <i>18 JUL</i> <del>22-Apr-08</del>
<b>4. DESCRIPTION AND LOCATION OF THE PROPOSED ACTION:</b> National Guard Armory located at 1001 N. Ash Pauls Valley, OK 73075 and surrounding motor pool. A 1-160 FA (67 pax) transforms to 1-160 Fires IBCT (94 pax) at same location.	
<b>5. START DATE (dd-mmm-yy):</b> <i>30 JUL</i> <del>22-Apr-08</del> <i>BH ACC HT</i>	<b>6. END DATE (dd-mmm-yy):</b>
<b>7. STATE/ORGANIZATION:</b> OK/45 IBCT/ A 1-160 Fires	<b>8. SERVICE COMPONENT:</b> ARNG
<b>9. ADDRESS:</b> 1001 N Ash Pauls Valley, OK 73075	
<b>10. PROPONENT/UNIT NAME:</b> OKNG/JFHQ	<b>11. POC:</b> MAJ HIRAM TABLER
<b>12. PROPONENT/UNIT ADDRESS:</b> 3501 MILITARY CIRCLE, OKC, OK 73111-4398	
<b>13. COMM VOICE:</b> 405-228-5027	<b>14. COMM FAX:</b>
<b>15. DSN VOICE:</b> 628-5027	<b>16. DSN FAX:</b>
<b>17. EMAIL:</b> hiram.tabler@us.army.mil	
<b>18. Was the project adequately addressed in a separate environmental review? Do not include Environmental Baseline Surveys (EBSs).</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

<b>If YES, fill out and attach copy of the decision document</b>	<b>Document Title:</b>
	<b>Reviewing Agency:</b>
	<b>Date of Review: (dd-mmm-yy):</b>

## PART B - HISTORICAL INFORMATION

<b>1. Is the agency undergoing, or has it undergone, legal action for NEPA issues?</b>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>2. Has there been previous ARNG training, construction, or similar proposals on the site?</b>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>3. Are there any known contentious environmental issues currently associated with the site?</b>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>Explain any YES answers.</b> THE OKARNG HAS BEEN IN CONSTANT OCCUPANCY OF THE FACILITY AND HAS USED THE FACILITY FOR MAINTENANCE AND MILITARY TRAINING EVENTS.	
<b>4. Has the proposed type of equipment (tracked or wheeled) been operated on the site before?</b>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>If NO, what NEPA document covers this action? Provide copy of REC, FNSI, or ROD. This does not include EBSs.</b>	<b>Document Title:</b>
	<b>Preparing Agency:</b>
	<b>Date (dd-mmm-yy):</b>

**5. Describe the environmental setting, including past and present use of the site.**  
HEAVY EQUIPMENT AND WEEKEND DRILLS

**PART C - DESCRIPTION OF PROPOSED PROJECT/ACTION**

**Include a map with the site clearly marked**

1. The proposed action will involve (check all that apply):

<input type="checkbox"/> Training Activities/Areas	<input type="checkbox"/> Construction	<input checked="" type="checkbox"/> Reorganization/Restationing
<input type="checkbox"/> Maintenance/Repair/Rehabilitation	<input type="checkbox"/> Lease or License	<input type="checkbox"/> Environmental Plans/Surveys
<input type="checkbox"/> EBS Preparation		
<input type="checkbox"/> Other (Explain):		

2. Has any related real estate action been addressed in a separate environmental document within the last 5 years?  YES  NO

**If YES** Document Title: \_\_\_\_\_ Date (dd-mmm-yy): \_\_\_\_\_

3. Number of acres to be disturbed: 0

4. How is the site currently zoned?  Residential  Commercial  Industrial  Park  
 Other (Explain): I-2 Industrial per City's Don Wakeman 405-238-3308 x 103

5. Briefly describe the surrounding area land uses (e.g., undeveloped, recreation, residential, etc):  
 COMMERCIAL

6. Provide distances to **ALL** environmentally sensitive areas:

TYPE	Distance	Unit	TYPE	Distance	Unit
a. Prime/Unique Farmland	1.0	miles	e. Wild/Scenic River	120 m	miles
b. Wilderness Area/National Park	70.0	miles	f. Coastal Zones	>450	miles
c. Sole-Source Aquifer	10.0	miles	g. Floodplain	0 - onsite	
d. Wetlands	790.0	feet			

**PART D - ENVIRONMENTAL IMPACT ANALYSIS**

**1. AIR**

a. Is the proposed action in a non-attainment/maintenance area?  YES  NO

**Attach a General Conformity Determination or Record of Non-Applicability (RONA) for Military Construction activities in non-attainment/maintenance areas.**

b. Will the proposed action require an air emissions permit, registration, license, etc?

During proposed action	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
During normal operations after proposed action is completed	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

c. Will the proposed action release objectionable odors, smoke, dust, suspended particles, or noxious gases into the air?

During proposed action	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
During normal operations after proposed action is completed	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

d. Will the proposed action expose sensitive receptors (threatened or endangered plants or animals, or children) to pollutants?

During proposed action	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
During normal operations after proposed action is completed	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Explain any **YES** answers and/or planned mitigation here.

**2. TRAFFIC**

a. Will the proposed action result in generation of or increase in aircraft activity/traffic?  YES  NO

b. Will the proposed action result in the generation of or increase in vehicular traffic?  YES  NO

c. Will the proposed action use and/or construct unimproved roads? During proposed action  YES  NO  
During normal operations after proposed action is completed  YES  NO

Explain any **YES** answers and/or planned mitigation here. Include aircraft types, number of sorties, and flight schedules (if applicable).

**3. NOISE**

a. Will the proposed action result in an increase in noise levels? During proposed action  YES  NO  
During normal operations after proposed action is completed  YES  NO

b. Is the proposed action close to any civilian activity where noise might affect the population (add any not listed in the spaces provided)? Include distances for all types:  YES  NO

TYPE	Distance	Unit	TYPE	Distance	Unit
(1) Residence/Home	0.3	miles	(5) Library	1.0	MI
(2) Church	0.8	miles	(6) Wilderness Area	70.0	miles
(3) School	0.1	miles			
(4) Hospital	2.0	MI			

c. Will the proposed action involve aircraft?  YES  NO

d. Will the proposed action involve night (10 pm to 7 am) operations? During proposed action  YES  NO  
During normal operations after proposed action is completed  YES  NO

Explain any **YES** answers.

**4. EARTH**

a. Will the proposed action result in long-term disruptions, displacements, compaction, or overcovering of soil, a permanent change in topography, or ground surface relief features?  YES  NO

b. Will the proposed action result in a long-term increase in wind or water soil erosion, on or off the site, after the proposed action is completed?  YES  NO

Explain any **YES** answers.

**5. NATURAL RESOURCES**

NOTE- A **subject matter expert** from the State/Territory ARNG Environmental Office must confirm the answers to these questions by signing the signature page.

a. Will the proposed action change the diversity or numbers of any species including mammals, birds, reptiles, amphibians, fish, trees, shrubs, grasses, crops, microflora, or aquatic plants?  YES  NO

b. Will the proposed action introduce any non-native species into the area?  YES  NO

c. Will the proposed action impact any plants or animals that are listed or candidates for threatened, unique, rare, or endangered status?  YES  NO

d. Will the proposed action create barriers to prevent the migration or movement of animals?  YES  NO

- e. Will the proposed action deteriorate, alter, or destroy existing fish or wildlife habitat?  YES  NO
- f. Will the proposed action deplete any non-renewable natural resources?  YES  NO
- g. Will the proposed action alter, destroy, or significantly impact environmentally sensitive areas (wetlands, coastal zones, etc.)?  YES  NO

Explain any **YES** answers.

**6. LAND USE**

- a. Will the proposed action alter the present land use of the site?  YES  NO
- b. Who owns the property?  Federal/DOD  State  City/Town/County  Private  
 Other (Explain):

- c. Does the proposed action involve a real estate action (e.g., purchase, lease, permit, or license)?  YES  NO

- Answer the following if you answered YES above:
- (1) Has an EBS been completed? **If YES, attach the EBS.**  YES  NO
- (2) Require an increase of acreage/amendment to an existing lease or license?  YES  NO
- (3) Require new purchase of additional acres using federal, state, or other funds?  YES  NO
- (4) Require a new lease, license, and/or land use permit?  YES  NO
- (5) Replace or dispose of existing facilities?  YES  NO

Explain any **YES** answers.

**7. SOLID WASTE**

- a. Will the proposed action generate solid wastes that must be disposed of on or off site?  YES  NO

Explain a **YES** answer.

**8. HAZARDOUS WASTE**

- a. Will the proposed action generate hazardous waste?  YES  NO
- b. Will the proposed action store and/or prepare for the disposal of hazardous waste or materials?  
 During proposed action  YES  NO  
 During normal operations after proposed action is completed  YES  NO
- c. Does the proposed action require a permit to accumulate hazardous waste or materials at the site?  
 During proposed action  YES  NO  
 During normal operations after proposed action is completed  YES  NO
- d. Does the proposed action have an increased risk for explosion, spill, or the release of hazardous waste or materials (including but not limited to pesticides, chemicals, or radiation)?  
 During proposed action  YES  NO  
 During normal operations after proposed action is completed  YES  NO
- e. Will the proposed action require the presence of trained personnel to handle and dispose of hazardous and/or toxic waste/materials?  
 During proposed action  YES  NO  
 During normal operations after proposed action is completed  YES  NO

f. Will the proposed action involve the opportunity for hazardous material minimization and recycling?

During proposed action  
During normal operations after  
proposed action is completed

YES  NO  
 YES  NO

Explain any **YES** answers.

g. Do you have a plan describing procedures for the proper handling, storage, use, disposal, and cleanup of hazardous and/or toxic materials?

During proposed action  
During normal operations after  
proposed action is completed

YES  NO  
 YES  NO

Explain any **NO** answers.

## 9. WATER

a. Will the proposed action change currents, course, or direction of water movements in marine or fresh waters?

YES  NO

b. Will the proposed action discharge sediments, liquids, or solid wastes into surface waters, or alter the surface water quality?

During proposed action  
During normal operations after  
proposed action is completed

YES  NO  
 YES  NO

c. Will the proposed action change the quality and/or quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?

YES  NO

d. Does the proposed action have the potential to accidentally spill hazardous or toxic materials in or near a body of water?

During proposed action  
During normal operations after  
proposed action is completed

YES  NO  
 YES  NO

e. Does the proposed action have the need for a Spill Control and Countermeasure Plan, and/or Installation Spill Contingency Plan (SPCC and/or ISCP)?

During proposed action  
During normal operations after  
proposed action is completed

YES  NO  
 YES  NO

f. Will the proposed action construct facilities or implement actions within floodplains and/or wetlands?

During proposed action  
During normal operations after  
proposed action is completed

YES  NO  
 YES  NO

g. Does the proposed action require an NPDES stormwater or wastewater discharge permit?

YES  NO

h. Does the proposed action involve the construction of a water or wastewater treatment system (oil water separators, grease traps, etc)?

YES  NO

Explain any **YES** answers.

## 10. CULTURAL RESOURCES

a. Does the proposed action involve an undertaking (Reference: 36 CFR 800.161[y]) to a building/structure 50 years or older?  YES  NO

If YES to Question a, has an architectural inventory/evaluation been completed to determine eligibility for the National Register of Historic Places?  YES  NO

b. Does the proposed action involve ground disturbance? (Reference: 36 CFR 800.161[y])  YES  NO

If YES to Question b, has an archaeological inventory been completed to determine if there are any archaeological sites present?  YES  NO

If YES to Question b, did the state contact any Federally-recognized Tribes to comment on the proposed action?  YES  NO

c. Does the proposed action fall under any Federal or Nationwide Programmatic Agreement or Programmatic Comment? If YES, reference it below.  YES  NO

d. Has the state contacted the SHPO for comments?  YES  NO

e. Does the proposed action have the potential to affect any traditional cultural properties or sacred sites? If YES, attach coordination with Federally-recognized Tribes.  YES  NO

Explain any YES answers.

## 11. POPULATION

a. Will the proposed action alter the location, distribution, density, or growth rate of the human population of an area?  YES  NO

b. Will the proposed action affect children?  
Reference: Executive Order 13045

	During proposed action	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	During normal operations after proposed action is completed	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

c. Are there any Environmental Justice issues associated with the proposed action?  
Reference: Executive Order 12898.  YES  NO

Explain any YES answers.

## 12. INFRASTRUCTURE

a. Will the proposed action result in the need for new systems or substantial alterations to the following utilities:

- |   |                              |  |
|---|------------------------------|--|
| (1) Electrical power, fossil fuel or other (specify): | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| (2) Drinking water?                                   | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| (3) Wastewater treatment?                             | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| (4) Sewer collection system?                          | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| (5) Wash racks?                                       | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| (6) Solid waste disposal?                             | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |

Explain any **YES** answers.

**PART E - INNOVATIVE READINESS TRAINING (IRT)**

Skip this portion if this is not an IRT Project.

**1. REQUESTER INFORMATION**

a. REQUESTER NAME:		b. TITLE:	
c. AGENCY NAME:			
d. AGENCY ADDRESS:			
e. COMM VOICE:		f. COMM FAX:	g. DSN VOICE:
h. DSN FAX:		i. EMAIL:	
j. TYPE: <input type="checkbox"/> FEDERAL <input type="checkbox"/> STATE <input type="checkbox"/> LOCAL/MUNICIPAL <input type="checkbox"/> YOUTH/CHARITABLE			
k. SUPPORT TYPE REQUESTED: <input type="checkbox"/> ENGINEER <input type="checkbox"/> TRANSPORTATION <input type="checkbox"/> TECH ASSISTANCE <input type="checkbox"/> LOGISTICAL			
<input type="checkbox"/> COMMUNICATION <input type="checkbox"/> ADMINISTRATIVE <input type="checkbox"/> CEREMONIAL <input type="checkbox"/> PARADE			
<input type="checkbox"/> OTHER (SPECIFY):			

**2. ASSIGNED UNIT INFORMATION (Filled out by assigned National Guard unit)**

a. UNIT ASSIGNED PROJECT:		b. SERVICE COMPONENT:	
c. UNIT ADDRESS:			
d. PROJECT OFFICER	RANK:	NAME:	
e. SITE VISIT DATE (dd-mmm-yy)			
f. PROJECT ASSESSMENT (Give detailed assessment of project requirements. Review project requirements against the screening criteria in Section 651.29 of 32 CFR Part 651. If the project qualifies for a Categorical Exclusion, indicate the Categorical Exclusion code).			
g. ESTIMATED NUMBER OF HOURS REQUIRED TO COMPLETE PROJECT:		h. PERSONNEL REQUIRED:	<u>OFFICER</u> <u>ENLISTED</u>

**PART F - DETERMINATION**

a. Does the proposed action have the potential to degrade the quality of the environment, or curtail the diversity of the environment?  YES  NO

b. Does the proposed action have the potential for cumulative impacts on environmental quality when the effects are combined with those of other Federal/State actions, or when the action is of lengthy duration?  YES  NO

c. Does the proposed action have environmental effects that will cause substantial adverse effects on the human or natural environment, either directly or indirectly?  YES  NO

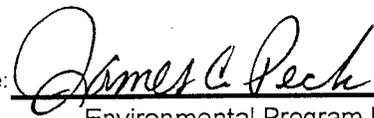
**On the basis of this initial evaluation, the following is appropriate (check one):**

- An **Environmental Baseline Survey (EBS)** and a **new checklist** once the EBS is completed.
- IAW 32 CFR 651 Appendix B, the proposed action qualifies for a **Categorical Exclusion (CX)** that does not require a Record of Environmental Consideration.
- A **Record of Environmental Consideration (REC)**.
- An **Environmental Assessment (EA)**.
- A **Notice of Intent (NOI)** to prepare an **Environmental Impact Statement (EIS)**.

  
\_\_\_\_\_  
Signature of Proponent (Requester)

Hiram Tabler, MAJ  
\_\_\_\_\_  
Printed Name of Proponent (Requester)

18 Jun 08  
\_\_\_\_\_  
Date Signed

Concurrence:   
\_\_\_\_\_  
Environmental Program Manager

COL James C. Peck (RET)  
\_\_\_\_\_  
Printed Name of Env. Program Manager

24 Jun 08  
\_\_\_\_\_  
Date Signed

**Concurrence (as needed):**

\_\_\_\_\_  
Signature of Landowner

\_\_\_\_\_  
Printed Name of Landowner

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Signature of Facilities Officer

\_\_\_\_\_  
Printed Name of Facilities Officer

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Signature of Commander

\_\_\_\_\_  
Printed Name of Commander

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Signature of Plans & Operations Officer

\_\_\_\_\_  
Printed Name of Plans & Operations Officer

\_\_\_\_\_  
Date Signed

## ARNG RECORD OF ENVIRONMENTAL CONSIDERATION

**1. PROJECT NAME:**

IBCT Transformation / A 1-160 Fires

**2. PROJECT NUMBER:**

0

**3. DATE:**

*18 JUN*  
~~22-Apr-08~~

**4. PROJECT START DATE (dd-mmm-yy):**

*30 JUN 22-Apr-08 LH HT*

**5. PROJECT END DATE (dd-mmm-yy):**

0-Jan-00

**6. DESCRIPTION AND LOCATION OF THE PROPOSED ACTION:**

National Guard Armory located at 1001 N. Ash Pauls Valley, OK 73075 and surrounding motor pool. A 1-160 FA (67 pax) transforms to 1-160 Fires IBCT (94 pax) at same location.

**7. CHOOSE ONE OF THE FOLLOWING:**

- An existing **Environmental Assessment** adequately covers the scope of this project.  
EA Date (dd-mmm-yy) Conducted By:
- An existing **Environmental Impact Statement** adequately covers the scope of this project.  
EIS Date (dd-mmm-yy) Conducted By:
- After reviewing the screening criteria and completing the ARNG Environmental Checklist, this project qualifies for a **Categorical Exclusion** (select one below).  
Categorical Exclusion Code: B-12: Reductions and realignments of civilian and/or military personnel... ▼  
**See 32 CFR 651 App. B**
- This project is exempt from NEPA requirements under the provisions of:  
Cite superseding law:

**8. REMARKS:**

*Hiram Tabler*  
Signature of Proponent (Requester)

Hiram Tabler, MAJ  
Printed Name of Proponent (Requester)

*18 Jun 08*  
Date Signed

Concurrence: *James C. Peck*  
Environmental Program Manager

COL James C. Peck (RET)  
Printed Name of Env. Program Manager

*24 Jan 08*  
Date Signed

**LIMITED ENVIRONMENTAL BASELINE ASSESSMENT**

*for*

**PAULS VALLEY ARMORY  
1001 NORTH ASH STREET  
PAULS VALLEY, OK**

**13 AUGUST 2010**

**CONDUCTED BY  
THE OKLAHOMA MILITARY DEPARTMENT ENVIRONMENTAL OFFICE (NGOK-  
ENG-ENV)**

**CONDUCTED FOR  
THE OKLAHOMA MILITARY DEPARTMENT**

---

Matthew C. Simpson  
Environmental Programs Specialist

## Contents

EXECUTIVE SUMMARY .....	3
SITE DESCRIPTION .....	4
ENVIRONMENTAL HISTORY.....	4
SITE RECONNAISSANCE .....	4
CONCLUSIONS.....	5
RECOMMENDATIONS .....	5
APPENDIX A.....	6
PURPOSE.....	7
SCOPE and LIMITATIONS.....	7
APPENDIX B .....	8
METHODOLOGY .....	9
APPENDIX C .....	10
RECONNAISSANCE PHOTOGRAPHS .....	10
APPENDIX D.....	15
UST DOCUMENTATION.....	15
APPENDIX E .....	21
AERIAL PHOTO OF THE PAULS VALLEY ARMORY .....	22
APPENDIX F.....	23
FLOOR PLAN, PAULS VALLEY ARMORY.....	24
APPENDIX G.....	25
REFERENCES .....	26

## EXECUTIVE SUMMARY

A representative of the Oklahoma Military Department Environmental Office (NGOK-ENG-ENV) conducted a Limited Environmental Baseline Assessment for the Oklahoma Army National Guard (OKARNG) Pauls Valley Armory. The evaluation was conducted on behalf of the Oklahoma Military Department (OMD) and the OKARNG. The OKARNG is a component of the United States Army and fulfills the military mission of national security. The purpose of this assessment is to identify and record recognized environmental conditions at the subject property.

The following issues were noted (these are minor and only of minor concern):

- The potential for the presence of asbestos.
- Fluorescent light bulbs throughout the facility.
- The potential for the presence of Lead (Pb) in peeling paint.
- Severe roof damage above the Shop/Motorpool.

Recognized environmental conditions associated with the property and identified during this Limited Environmental Baseline Assessment revealed the following minor issues which have limited environmental risk:

- Fluorescent light bulbs at the facility present a potential for improper disposal and could result in undesirable consequences if released into the environment. They may also require special consideration for disposal.
- Based solely on the age of the facility, flooring tiles, pipe coatings, and roofing materials present a potential for presence of asbestos containing materials (ACM).
- A potential for the presence of Lead (Pb) in paint used throughout the facility.
- A potential that the facility may be eligible for the National Register of Historic Places (NRHP).

Based on the findings of this evaluation, it is unlikely that activities or events during the Oklahoma Army National Guard's use of the property have resulted in significant environmental impact. Based on an evaluation of environmental conditions documented in this report, there is a very low probability that any of the conditions would have significant adverse impact on the subject property or restrict its use.

Ⓞ

**SITE DESCRIPTION**

The subject property is located at 1001 North Ash Street in Pauls Valley, Oklahoma. The City of Pauls Valley is located in Garvin County. The subject property is managed and maintained by the Oklahoma Military Department (on behalf of the State of Oklahoma) to support the military mission of the OKARNG. The subject property served as Armory. The Pauls Valley Armory operated as a center of operations for a military component of the OKARNG. It served as a training site and stored those materials required by the occupant.

The Pauls Valley Armory was constructed in 1950. According to the Federal Installation Stationing Plan (FISP) (dated 14 November 2005), the armory is approximately 9,880 square feet in size and is sited on approximately 2 acres. A white lift station shed, approximately 6ft X 8ft, sits to the south of the building.

The facility sits on West Street facing east. The property is bordered on the south by the Delta Public Transit building, on the west by the Washita River, on the north by the Pauls Valley Water Treatment Plant, and on the east by West Street. Across West Street to the east lies the Pauls Valley Senior Center and Wacker Park.

886 elevation -97.2311 } approx.  
34.7466 }

**ENVIRONMENTAL HISTORY**

*Underground Storage Tank:* The Pauls Valley Armory owned and operated one, 1,000 gallon steel underground storage tank (UST). The UST was located at the southeast corner of the building and was last used in 1982. On 24 September 1997, the UST was removed, destroyed on site, and taken to Washita Pipe & Steel in Chickasha, OK to be recycled (See Appendix D).

*Soil Remediation:* Upon removal of the UST, a dime-sized hole was found in the south end of the tank. Laboratory analysis of soil samples taken beneath the UST showed evidence of a fuel release of unknown amount. In October 1997, four soil borings were drilled, four monitor wells were installed, and soil and groundwater samples were collected at the site. An Oklahoma Risk Based Corrective Action (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. Low concentrations of volatile chemicals found in subsurface soil were determined to not pose a unacceptable current or future health risks. In January 2000, the Oklahoma Corporation Commission (OCC) approved the risk assessment for the site. On 19 September 2000, the four monitoring wells were plugged and the site was closed by the OCC on 20 October 2000 (See Appendix D).

**SITE RECONNAISSANCE**

Mr. Matthew C. Simpson (Environmental Program Specialist, NGOK-ENG-ENV) performed a site reconnaissance visit on 22 July 2010 to visually assess the subject property and record the current environmental condition of the facility and grounds.

The following recognized environmental conditions were identified during the assessment:

- The potential for the presence of asbestos throughout the facility (Appendix C, Photo #3).

- Fluorescent light bulbs throughout the facility (Appendix C, Photo #4).
- The potential for the presence of Lead (Pb) in peeling paint throughout the facility (Appendix C, Photos #6, #7, & #9).
- Severe roof damage above the Shop/Motorpool (Appendix C, Photo #10).

## CONCLUSIONS

A representative of the Oklahoma Military Department Environmental Office (NGOK-ENG-ENV) conducted a Limited Environmental Baseline Assessment at the Pauls Valley Armory. The evaluation was conducted on behalf of the Oklahoma Military Department (OMD) and the Oklahoma Army National Guard (OKARNG) to identify and record recognized environmental conditions at the subject property.

Recognized environmental conditions associated with the property and identified during this Limited Environmental Baseline Assessment revealed the following minor issues which have limited environmental risk:

- Fluorescent light bulbs at the facility present a potential for improper disposal and could result in undesirable consequences if released into the environment. They may also require special consideration for disposal.
- Based solely on the age of the facility, flooring tiles, pipe coatings, and roofing materials present a potential for presence of asbestos containing materials (ACM).
- A potential for the presence of Lead (Pb) in paint used throughout the facility.
- A potential that the facility may be eligible for the National Register of Historic Places (NRHP).

Based on findings of this evaluation, it is unlikely that activities or events during the Oklahoma Army National Guard's use of the property have resulted in a significant environmental impact. Based on an evaluation of environmental conditions documented in this report, there is a very low probability that any of the conditions would have a significant adverse impact on the subject property or restrict its use.

## RECOMMENDATIONS

This assessment of the Pauls Valley Armory has rendered the following recommendations:

- Fluorescent light bulbs at the facility should be removed and/or properly disposed of by the unit to last utilize the facility (if these items belong to, or belonged to, the last OKARNG unit to occupy the facility).
- The facility should be surveyed for asbestos containing materials (ACM) and Lead (Pb) containing paints.
- It should be determined if the Pauls Valley Armory is eligible for the National Register of Historic Places (NRHP) and if so should be maintained according to NRHP standards.

**APPENDIX A**

***ASSESSMENT PURPOSE and SCOPE/LIMITATIONS***

## **PURPOSE**

It is in the best interest of the OMD and the OKARNG to evaluate the current condition of the property, document any recognized environmental conditions, and prepare a record of the assessment.

This Limited Environmental Baseline Assessment was conducted to gather contemporary environmental data and preserve it in a manner consistent with customary professional practice. It is not intended to fulfill requirements of any recognized guidance document. No recommendations may be reached based solely upon the content of this Limited Environmental Baseline Assessment.

## **SCOPE and LIMITATIONS**

This assessment is exclusively limited to investigation and evaluation of the subject property based on visual observation of the property and appurtenances. Recognized environmental conditions identified on the subject property or on those abutting properties were documented in written form and photographed (whenever possible) for record (included in Appendix C, Reconnaissance Photographs).

The assessment did not include any of the following commonly used elements:

- Knowledgeable person interviews.
- Media sample collection and laboratory analyses.

Those areas not readily accessible to the assessor (building roofs, drainage devices, and etcetera) were not evaluated unless otherwise stated. No conclusions may be reached concerning their condition.

**APPENDIX B**  
***METHODOLOGY***

## **METHODOLOGY**

The investigation process was conducted as follows:

- A pedestrian survey of the property perimeter (as judged feasible).
- A pedestrian survey of the property. Using a perimeter fence as reference, the assessor traversed the property repeatedly on 20 (twenty) foot intervals by walking in a straight line parallel to the reference fencing (as allowed by obstacles).
- Visual examination of the exterior and interior of all buildings, sheds, (as accessible), and storage areas.

Recognized environmental conditions identified at the subject property were photographed for record (whenever possible).

**APPENDIX C**

***RECONNAISSANCE PHOTOGRAPHS***

## RECONNAISSANCE PHOTOGRAPHS

	
<p>Photograph # 1 Water damage to ceiling tiles 22 July 2010: View to the W</p>	<p>Photograph # 2 IT equipment 22 July 2010: View to the N</p>
	
<p>Photograph # 3 Pipe coating, possible ACM 22 July 2010: View to the N</p>	<p>Photograph # 4 Fluorescent light bulbs 22 July 2010: View to the W</p>
	
<p>Photograph # 5 Oils stained concrete in the Shop/Motorpool 22 July 2010: View to the N</p>	<p>Photograph # 6 Peeling paint on the overhead doors in the Drill Hall 22 July 2010: View to the E</p>

**RECONNAISSANCE PHOTOGRAPHS**

<p>Photograph # 7 Peeling paint on the ceiling in the Supply Room 22 July 2010: View to the E</p>	<p>Photograph # 8 Water damaged ceiling in the Supply Room 22 July 2010: View to the S</p>
<p>Photograph # 9 Peeling paint on the wall in the Supply Room 22 July 2010: View to the E</p>	<p>Photograph # 10 Roof damage above the Shop/Motorpool 22 July 2010: View to the E</p>
<p>Photograph # 11 Vehicle Compound 22 July 2010: View to the E</p>	<p>Photograph # 12 West side of the facility 22 July 2010: View to the E</p>

**RECONNAISSANCE PHOTOGRAPHS**



Photograph # 13  
North side of the facility  
22 July 2010: View to the S



Photograph # 14  
East side of the facility  
22 July 2010: View to the W



Photograph # 15  
Southeast corner of the facility  
22 July 2010: View to the NW



Photograph # 16  
South face of the facility  
22 July 2010: View to the N



Photograph # 17  
Lift station shed, south of the facility  
22 July 2010: View to the S



Photograph # 18  
Inside of the lift station  
22 July 2010: View to the S

## RECONNAISSANCE PHOTOGRAPHS



Photograph # 19  
Pauls Valley Water Treatment Plant  
22 July 2010: View to the N



Photograph # 20  
Washita River  
22 July 2010: View to the W



Photograph # 21  
Delta Public Transit facility  
22 July 2010: View to the SW



Photograph # 22  
Pauls Valley Senior Center facility  
22 July 2010: View to the SE



Photograph # 23  
Construction site to the northeast of the facility  
22 July 2010: View to the NE

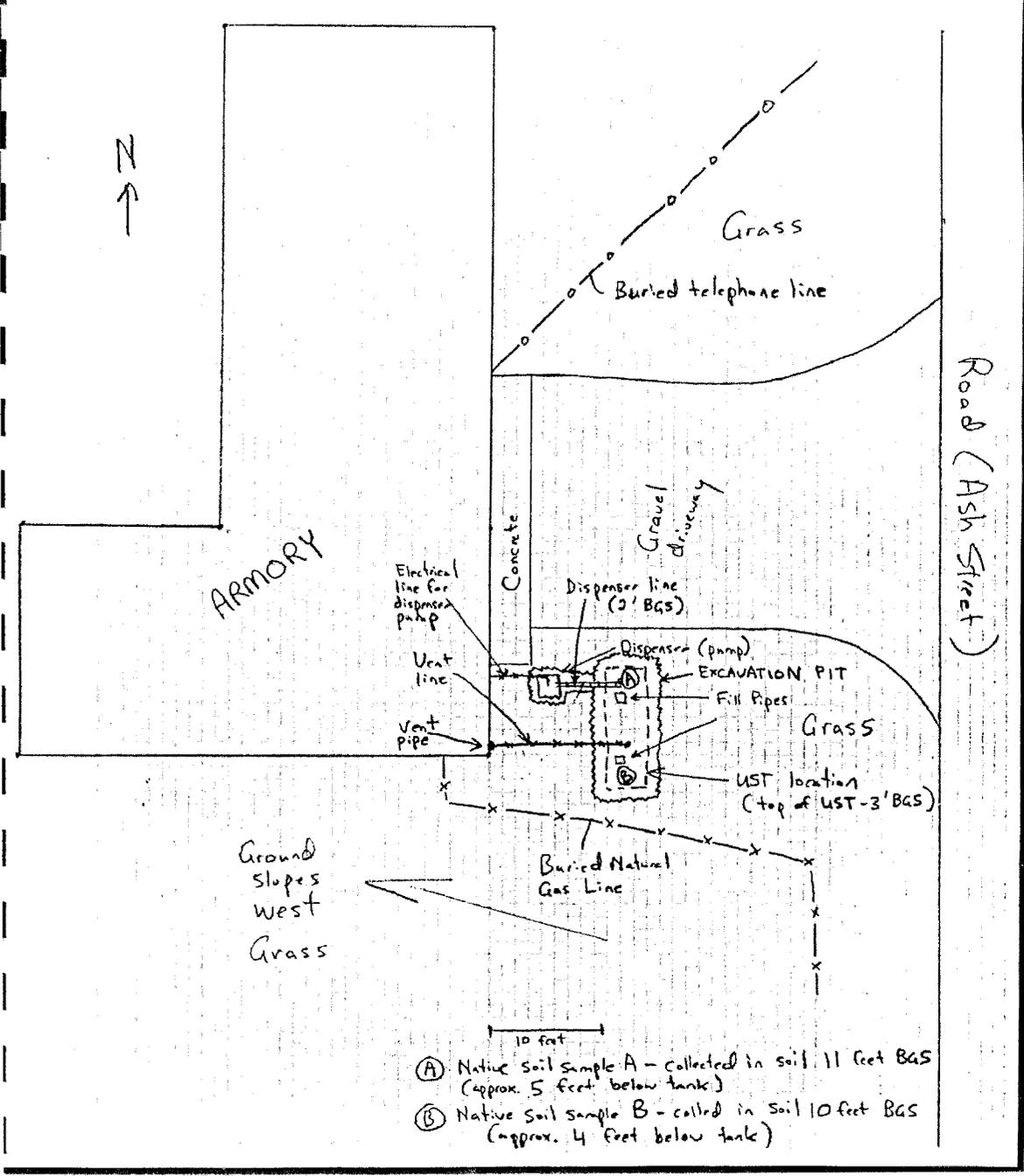


Photograph # 24  
M100A2 Self Propelled Howitzer display  
22 July 2010: View to the N

**APPENDIX D**

***UST DOCUMENTATION***

PROJECT: Pauls Valley OMD	SHEET: 1 OF 1	Caldwell Environmental Assoc., Inc. P.O. Box 1608 Norman, OK 73070 (405) 329-7167 Fax (405) 329-7277
SUBJECT: Removal of UST	BY: JTA DATE: 9/24/97	



**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.**

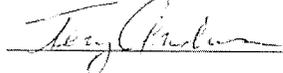
1. **Facility Identification Number.** 2505778
2. **Facility location Name and Address**  
Oklahoma Military Department Armory  
1001 North Ash  
Pauls Valley, Oklahoma
3. **Owner's Name and Address.**  
Oklahoma Military Department Contact: Captain Terrence Smith  
Directorate of Engineering  
Environmental 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

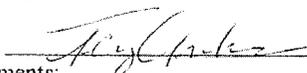
Signature of Oklahoma Certified UST Consultant:

 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

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

SERVICE • ASSISTANCE • COMPLIANCE  
EXCELLENCE IS OUR STANDARD



Monday, April 25, 2011

Dear Sabornal,

Enclosed is a history of the National Guard Army up to the 1960's.

I have 2 men that would be helpful in answering your question. One gentleman, Bob Martin was in the National Guard and served in Korea. He was an officer, life-long P.V. resident and served as the City Manager of Peach Valley for several years. The other man is younger, David Quinn, and he is currently in the National Guard and has been actively involved with the local Army many years.

I know they would be happy to visit with you when you make your visit to P.V. David may be deployed again, but hopefully not.

Hope this is helpful.

Adrienne Gummoto

PAULS VALLEY NATIONAL GUARD -- 1949

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 from Altus, Oklahoma, so the State National Guard can place an Artillery Unit there, it was announced from the State Headquarters.

The N. Y. A. Building was used for housing equipment and offices for the company until construction of an armory could be carried out.

The Korean War was becoming a reality, and the 45th Division of the Oklahoma National Guard was ordered into active federal service, September 1, 1950.

The Garvin County National Guardsmen, members of the 45th Division were going systematically about the task of getting their business and domestic affairs in shape, as they would be going into active federal service, September 1, and were slated for training at Camp Polk, La.

The Mortar Company of the 179th Infantry Regiment had been holding training and instruction sessions from 8 to 10 P.M. on Monday, Tuesday, and Wednesday nights for two weeks. Non-commissioned officers attended 30-minutes school sessions after each drill session.

Although the unit would not get to use them, it completed plans to put floodlights in the area behind the motor shed in Wacker Park. Like the motor shed, the guard area would be turned back to the Wacker Park Board.

The N. Y. A. Building would be turned back to the city council on or before September 1, the city officials learned from the Division Headquarters.

The county began to feel the effects of the company's scheduled departure as businesses saw their employees beginning to make plans to leave. Many men resigned so they could take care of personal affairs or do some visiting before reporting to Camp Polk.

All in all it was a severe dislocation for almost every member of the unit. One member, Sgt. Motes, was wondering what he would do when the company was deactivated since he might not have a job here after the war. His permanent job had been caretaker in the Guard Unit here for the past several months, and he wasn't sure the unit would be set up here again when the war was over.

The city gave the guard a farewell send-off, August 28, 1950. Mayor Jack Livingston had issued a proclamation making this date, "National Guard Day."

John Hazlitt said, "This is the first time an organized unit ever left the county for active combat duty, and it will mean a lot to the homefolks."

The program commenced at 1:30 P.M., when the company marched in review from the motor shed in Wacker Park to east Paul avenue downtown. They had all their equipment.

Harold Freeman was the master of ceremonies. The program started with the playing of the National Anthem, an invocation, and several musical numbers preceding the introduction of the Guard's Company Commander, Capt. Harold Liles.

The feature address was presented by Attorney-General, Mac Q. Williamson, a native son who served in World War I. The program ended

with a benediction.

In the evening, two dances were scheduled, a round dance in the N. Y. A. Building, and a square dance in the motor shed. Before the dances, there was a picnic dinner for all the guardsmen and their families.

After several months of training for combat at Camp Polk, the 45th Division of the United States Army, arrived at the port of embarkation at New Orleans, and set to sail for Japan, March 29, 1951.

After completing their combat training in Japan, the Division was moved to Korea for combat duty for the duration of the war. The Armistice was signed, bringing the Korean War to an end, July 27, 1953.

The 45th (Thunderbird) Division returned to the United States and was deactivated as a part of the United States Army in October, 1953, and became the Oklahoma National Guard again. Fortunately the Heavy Mortar Company of the 179th Infantry Regiment was re-located in Pauls Valley.

The Pauls Valley unit started a recruiting drive designed to add 119 enlisted men and bring the Company to its authorized strength, October 15, 1953. Master Sergeant, Chester Blundell explained this is a part of a statewide recruiting campaign to increase the 45th Infantry Division to its full strength of 937 officers, 169 warrant officers, and 2,980 enlisted men.

The Pauls Valley Company now had 3 officers, and 22 enlisted men. Its authorized strength was 5 officers, 1 warrant officer, and 138 enlisted men.

The 45th Division trained at Ft. Hood, Texas, for two weeks in August of 1954. 2nd Lt. Allen Bolton wrote a letter to the Pauls Valley Democrat explaining the Company's activities.

"We will get our division colors back from the recently de-activated regular army 45th division which came from the Oklahoma National Guard Division that was activated in 1950. These are the colors that the 45th (Thunderbird) took into combat both in Europe during World War II and in the recent Korean War. What made the parade really great was the way the division passed in review after getting its colors back. The announcer told the history of each company as it passed in review. The citations and decorations were proclaimed to the men in the companies, and I know that many were surprised to hear what their company had done in two wars.

Our camp was named in honor of Lt. Jack Hancock of Poteau. He was the first man to fall in combat in Korea. Mrs. Hancock was there for the parade. I guess every man in the Division had a soft spot for her and her children. Many an old soldier had a lump in his throat during this particular citation.

All the men are in good shape and look fine. Maybe a little eager to get home again.

At Wacker Park the N. Y. A. Building is being used again for equipment and offices. The motor shed is in use again as are the training rounds, and by-the-way, we will get to use the flood lights we installed before we left for Camp Polk."

New Armory on Display November 11, 1956 ←

Open house for the new armory in Wacker Park, to house "Garvin County's" own National Guard will be from 1 to 5 P.M. Sunday, November 11, according to Captain James W. Baker, commanding officer.

Hosts for the open house will be the Heavy Mortar Company, 179th Infantry, 45th Infantry Division.

The addition to the armory, a \$50,000 project has increased facilities of the Wacker Park building to provide, "a one-unit armory," according to Warrant Officer Chester Blundell.

An addition to the vehicle storage building, somewhat larger than the original building, has been added to give the company training facilities.

Provided for, in the new addition, are three offices, a locker room, two classrooms, weapon and supply rooms, and a kitchen and two latrines.

The extension of the armory is approximately 100 feet long and 54 feet wide, Blundell said.

On hand for the open house will be officers and men of the company who will show off the new building and equipment of the unit.

Men will explain the use and functions of radios, arms vehicles, and other equipment used in the 179th Infantry.

"Our facilities are now equal to those of any unit in the Division," Capt. Baker commented. "We are proud of our new building, and want all of our friends to see it."

Soft drinks, coffee, and donuts will be served by the chamber of commerce, Roy Perkins Lumber Co., and contractors for the armory work.

A detail from the American Legion and Veterans of Foreign Wars will serve these refreshments according to James T. Jackson, secretary-manager of the Pauls Valley Chamber of Commerce.

The company now included 44 active National Guardsmen, and three officers. Working with Captain Baker and Warrant Officer Blundell is 1st Lieut. Bert Taliaferro, Elmore City.

Authorized strength of the company was 137 enlisted men and six officers.

The company commander said that he and his officers and men were particularly anxious for the young men of military age to visit the new facilities. He pointed out that Garvin County boys between 17 and 18 1/2 years of age can enlist in the National Guard and discharge their service obligation at home while continuing their education or employment.

"The general public is invited to attend the open house," Capt. Baker said, "but a special invitation is extended to young men of 17 and over and their parents."

After enlisting in the National Guard, young men must attend 90% of the drills and attend a two week field training summer camp each year. A total of 48 drills are executed each year, and guardsmen are paid a day's wages for each drill according to their rank.

Ranks attained in the National Guard up to and including the rank of Sergeant, may be maintained if Guardsmen enter active duty.

Letters were written extending invitations to Governor Gary, General Muldrow, Division Commander, General Daugherty, Assistant Division Commander, General Kenny, Adj. General, Senator Herbert Hope, and representatives, Glen Ham and Jess Daniels, and Mac Q. Williamson, State Attorney General.

In 1959, the Pauls Valley National Guard unit would be joined with the Sulphur National Guard unit, and the headquarters would be in Sulphur under a new State Guard consolidation plan, Warrant Officer, Chester Blundell reported.

Blundell said that the Pauls Valley unit would retain the same personnel and will be the same type of unit, however. Regular meetings would be held in the Pauls Valley Armory as usual.

The Pauls Valley unit, formerly the 179th heavy mortar company, would now be the 4.2 Mortar Platoon of the 180th battle group. It would be a part of a Support Company.

The unit would be assigned to Col. James O. Smith of Okemah under the new plan. The 180th group included all units east of U. S. Highway 77.

The strength of the local unit would be cut from 137 to 82 under the reorganization plan. The new company would have eight officers

instead of six.

Captain James Woodrow Baker of Wynnewood would still be in command of the local unit, but Captain Martin of Sulphur would command the company.

Blundell said that a guard meeting was called after learning of the proposed change, and all officers and men voted to keep the Mortar Unit. They could have requested a change to either a missile unit or reconnaissance section.

Blundell said that he did not know yet whether a full-time man will be retained at the local unit.

#### National Guard City "Minuteman Week"

January 29 through February 3, 1962, will be minuteman week in Pauls Valley, Mayor James McAdams proclaimed, Saturday, January 28.

There were two reasons for the proclamation: one to honor the members of the local unit, and the other was designed for community action to increase the strength of the howitzer battery.

"Pauls Valley is fortunate to have a unit of the 45th Infantry Division", the mayor said, "the Thunderbirds are known throughout the world for their gallantry and service to community and nation."

McAdams further pointed out that the local unit, Battery A, 1st Howitzer Battalion, 158th Artillery, was of major economic importance to Pauls Valley. At full strength, the battery represented an annual payroll of \$30,000.

Commander William Hall, owner of LeMike Sign Company, states that battery A has set a goal of 25 new recruits during Minuteman Week. Hall said that the unit can accept high school juniors and above, who are at least 17 years of age.

"We are in an excellent position to help the young man who plans

a college career or to enter a business career upon graduation from high school," he explained.

M-Sgt. Chester Blundell will be available at the armory in Wacker Park throughout the week to answer questions or accept applications.

The 45th Division accounted for 940 days of combat in World War II and the Korean War.

The officers and men of battery A, 1st Howitzer Battalion, 158 Artillery of Pauls Valley had a minuteman victory dinner at 6:30 P.M. Monday, March 5, 1962, at the National Guard Armory in Wacker Park.

This dinner was given to acknowledge the success of "Minuteman Week" recruiting which was held from January 29--February 3.

At the beginning of the drive, the membership of the Guard was 40. Eight new members were added making the total 48. The unit would like to increase the total to 60.

On Tuesday, March 6, Captain Pete Durso of Pauls Valley would succeed Capt. William Hall, who was retiring as battery commander.

# **APPENDIX F:**

## Qualifications of Environmental Professionals

## **Qualifications of Environmental Professionals**

**Heather Mallory** holds a Bachelors and Masters Degree in Environmental Science from the University of Oklahoma. Mrs. Mallory has nine years experience in environmental sampling and remediation. She is an Environmental Programs Specialist with the Land Protection Division of the Oklahoma Department of Environmental Quality. Her responsibilities include: project management of various Voluntary Cleanup sites across the state, NEPA coordinator for the Tar Creek voluntary buyout of residents, conducting and reviewing Targeted Brownfield Assessments, serving on agency-wide GIS policy making committee, and training DEQ Land Protection Division staff on GPS receivers.

**Savannah Richards** holds a Bachelors Degree in Environmental Science from Oklahoma State University and a Masters Degree in Regional and City Planning from the University of Oklahoma. Mrs. Richards has sampling and field work experience from her previous work at Oklahoma State University in the Environmental Soil Chemistry & Analytical Laboratory and her internship at HNTB Corporation in Dallas, Tx where she worked as an Environmental Planning Intern. She is an Environmental Intern for the Brownfields Unit within the Land Protection Division of the Department of Environmental Quality. Her responsibilities include performing Targeted Brownfield Assessments, creating GIS maps for various projects, and assisting with field work and sampling.