

# TARGETED BROWNFIELD ASSESSMENT

For

**Oklahoma Army National Guard  
Former Norman Hanger  
Norman, Oklahoma**

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

Prepared by:



August 17, 2011

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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 Brownfields 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.....	7
2.2	Detailed Scope-of-Services.....	7
2.3	Significant Assumptions.....	8
2.4	Limitations and Exceptions.....	8
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 .....	10
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 .....	11
3.8	Current Use of the Property .....	11
3.9	Past Use of the Property.....	11
3.9.1	Review of Aerial Photographs .....	11
3.9.2	Fire Insurance Maps.....	12
3.10	Current and Past Uses of Adjoining Properties .....	13
3.11	Environmental (Physical) Setting .....	13
3.11.1	Surface Water Characteristics.....	13
3.11.2	Subsurface Geological Characterization.....	13
3.11.3	Groundwater Characteristics.....	13
3.11.4	Air Characteristics .....	14
4.0	RECORDS REVIEW.....	14
4.1	Federal National Priorities List (NPL).....	14
4.2	Federal CERCLIS List.....	14
4.3	Federal RCRA CORRACTS List .....	15
4.4	Federal RCRA non-CORRACTS TSD List .....	15
4.5	Federal RCRA Generators List.....	15
4.6	Federal ERNS List .....	15
4.7	Federal Institutional Control/Engineering Control Registries .....	16
4.8	State-Equivalent NPL .....	16
4.9	State-Equivalent CERCLIS .....	16
4.10	State Landfill and/or Solid Waste Disposal Sites .....	16
4.11	State Leaking UST List.....	16
4.12	State Registered UST Sites .....	16
4.13	State Institutional Control/Engineering Control Registries .....	17
4.14	State Voluntary Cleanup Sites .....	17

4.15	State Brownfield Sites.....	17
4.16	Oil and Gas Records .....	17
5.0	SITE RECONNAISSANCE AND INTERVIEWS .....	18
5.1	Methodology and Limiting Conditions.....	18
5.2	General Site Conditions .....	18
5.3	External Observations.....	20
5.4	Internal Observations .....	20
5.5	Interviews.....	21
6.0	FINDINGS .....	21
7.0	OPINION AND RECOMMENDATIONS.....	22
8.0	DATA GAPS .....	22
9.0	CONCLUSIONS.....	23
10.0	ADDITIONAL SERVICES.....	23
11.0	DEVIATIONS .....	23
12.0	REFERENCES .....	24
13.0	APPENDICIES .....	26
	Appendix A Site (Vicinity) Maps	
	Appendix B Site Photographs	
	Appendix C Historical Research Documentation	
	Aerial Photographs	
	Topographical Map	
	Fire Insurance Sanborn Map	
	Flood Insurance Map (FEMA)	
	Floor Plan	
	Appendix D Log Book and Interview Documentation	
	Appendix E Federal RCRA Generators List	
	Oklahoma Corporation Commission Oil and Gas Records	
	Underground Storage Tank Records	
	Appendix F Cleveland County Records and Deeds	
	Appendix G Qualifications of Environmental Professional	

## 1.0 Executive Summary

On the 18<sup>th</sup> of November 2009, Christa Welch of the Oklahoma Department of Environmental Quality (DEQ) performed a site reconnaissance of the Norman Hanger located at 2232 Goddard Avenue, Norman, Oklahoma, as part of a Targeted Brownfield Assessment (TBA). Emily Rimmel of the DEQ performed the regulatory review for this TBA. The subject property is situated on the University of Oklahoma's Max Westheimer Airport. The purpose of the TBA was to identify potential environmental concerns by reviewing historical data, regulatory information, and by performing a visual inspection of the site and surrounding area. The following is an executive summary of the environmental site assessment results:

- No recognized environmental conditions (RECs) were found at the subject property during the site reconnaissance performed on November 18<sup>th</sup>, 2009.
- Due to the age of the building, there is a potential for asbestos and lead-based paint at the subject property. There is also a potential for lead dust in the building due to degrading paint. There is no indoor firing range.
- The subject property is composed of 10 acres of land. The hanger is surrounded by grassy areas to the north and by paved parking areas on the east, west, and south sides.
- Adjoining properties in the area are commercial in nature. This property is part of the University of Oklahoma's Max Westheimer Airport. To the north consists of tarmacs and runways and is mostly grass or pavement. To the east are other State of Oklahoma building complexes, such as an Oklahoma Highway Patrol Station. To the south are Norman municipal buildings and a Norman Fire Station. To the west are more airplane hangers and buildings.
- The aerial photographs from 1995 to 2010 show development to the South and West of the subject property. Several retail stores and the Embassy Suites Hotel were constructed along the western boarder of the Max Westheimer Airport.
- The Sanborn map from 1922-1955 for the Norman area does not show the subject property. No other Sanborn maps for the subject properties could be found.
- 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 recommended search radii. No archived CERCLIS site listings, RCRA generators, or Voluntary Cleanup Program (VCP) sites were found on the subject property. No Brownfield sites were found on the subject property either. The hanger building on the subject property is being investigated for potential lead-based

paint, lead dust, and asbestos. If any of these materials are found, the DEQ Site Cleanup Assistance Program (SCAP) will address them during cleanup of the building.

- No confirmed Leaking Underground Storage Tank (LUST) cases or unconfirmed LUST cases were reported in the OCC's Underground Storage Tank (UST) database within the ½ mile radius of the subject property. No LUST cases were reported on the subject property.
- Two registered UST's were found on the subject property. None of the adjacent properties contained registered USTs. However, nine registered USTs were found within ½ mile of the subject property. The Oklahoma Military Department and the Aviation Facility owned the two USTs on site. Some of the USTs are located upgradient of the subject property, but should not affect the subject property due to their proximity.
- The property owner and representatives of the property were also not aware of any Institutional Controls (ICs) or Engineering Controls (ECs) on the property. No ICs or ECs were found in the Cleveland County Courthouse.

## **2.0 INTRODUCTION**

The State of Oklahoma Department of Environmental Quality (DEQ) under a Brownfield Assistance Agreement (No. RP96681001-0) (Ref. 1) with the U.S. Environmental Protection Agency (EPA) conducted a Targeted Brownfield Assessment of the Norman Hanger located at 2232 Goddard Avenue, Norman, Oklahoma.

### **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 University of Oklahoma as well as meet the All Appropriate Inquiry requirement of the landowner liability protections under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, also Superfund – Ref. 2), as provided in the Small Business Relief and Brownfield's Revitalization Act of 2002 (Public Law 107-118, Subtitle B – Ref. 3). The purpose of a Phase I Environmental Site Assessment is to identify, to the extent feasible, recognized environmental conditions in connection with the target property through a systematic review of readily available information sources and a site reconnaissance.

DEQ is providing technical assistance to the project by evaluating the environmental condition of the property prior to the transfer to the University of Oklahoma. Funding for this assessment has been provided by the U.S. Environmental Protection Agency (EPA).

### **2.2 Detailed Scope-of-Services**

DEQ examined the current use of the property and then identified the historical uses of the property to determine if recognized environmental conditions exist. DEQ examined

historical documents, governmental databases, oil and gas records, aerial photographs, Sanborn Fire Insurance Maps, and conducted interviews and a site reconnaissance of the area. A good faith effort was made to identify possible environmental conditions that might affect the development of the property.

### **2.3 Significant Assumptions**

History and knowledge of the subject property shows that the building was used as a National Guard Airplane Hanger. Prior to the Hanger's construction in 1960, the property was located on land owned by the University of Oklahoma Max Westheimer Airport and Airfield. There has been oil and gas exploration on the property according to the Oklahoma Corporation Commission (OCC) records (see section 4.16).

Since the Hanger was constructed in 1960, it is likely to have asbestos containing materials (ACM). The United States 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-wrap and suspect floor mastic were observed in the building during the site reconnaissance conducted on the 18<sup>th</sup> of November 2009. Due to the age of the armory hanger, it is also likely that the building contains lead-based paint. The DEQ plans to have an asbestos and lead-based paint survey conducted on the property.

### **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 (Ref. 4) is the minimum standard for environmental due diligence in the commercial real estate industry and meets the standard for All Appropriate Inquiry under the Small Business Liability Relief and Brownfields 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 representatives of the property, information provided by the University of Oklahoma, and observations of the environmental professional. The result

of this assessment, as written in this report, is valid as of the date of report. The assessment does not include sampling of rock, soil, groundwater, surface water, or air.

## **2.5 Special Terms and Conditions**

This assessment report has been prepared for the University of Oklahoma by the DEQ using EPA funding. Information about 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 just north of Goddard Avenue, Norman, Oklahoma. This property consists of approximately 10.1 acres of land and contains the former Oklahoma National Guard Hanger (Ref. 5). A site map and topographical map depicting the property and geographical location has been provided in Appendix A. Documents found during a visit to the Cleveland County Courthouse on May 13<sup>th</sup>, 2011 have been provided in Appendix F.

The subject property is located in the SE of the Northeast Quarter (SE ¼ NE ¼ NE) of Section 24, Township 9N, and Range 3W. The armory building's legal location is described as 1259.4 feet south and 100.8 feet west of the NE corner of section 24 for a true bearing of 733.0 feet West, 250 feet North, 872.0 feet East and 487.5 feet South to the point of beginning of original plat.

Records at the Cleveland County Courthouse were searched to determine ownership and operational history of the subject property. It was determined that the property is owned by the Board of Regents of the University of Oklahoma (Lessor) and leased to the Oklahoma National Guard (Lessee), a department of the State of Oklahoma on the 18<sup>th</sup> of April 1953.

The Cleveland County Courthouse showed the following history on the property. See Appendix F for copies of these documents.

- On May 25<sup>th</sup>, 1949 the SE quarter of Section 24, Township 9N, Range 3W of the Indian Meridian the Regents of the University of Oklahoma entered into an agreement with the Adjutant General of the State of Oklahoma for the Oklahoma National Guard to erect a building for storage facilities and for administrative and other purposes. The term of this lease shall be twenty five years.
- On April 18<sup>th</sup>, 1953 the SE quarter of Section 24, Township 9N, Range 3W of the Indian Meridian the Regents of the University of Oklahoma entered into a lease with the Oklahoma National Guard for the sum of one dollar (\$1.00) per annum.

- On May 16<sup>th</sup>, 1998 the SE quarter of Section 24, Township 9N, Range 3W of the Indian Meridian the Oklahoma National Guard released, relinquished, and surrendered all of its right, title and interest in the premises to the Board of Regents for the University of Oklahoma.

### **3.2 Site and Vicinity Characterization**

The former Norman Hanger was built in 1960. According to Cleveland County land records, the land for the building was leased by the State of Oklahoma on April 18, 1953, for benefit of the Oklahoma National Guard (see Appendix F). The subject property is on a small tract of land residing on leased property of approximately 10.1 acres in size. The subject property is located at 2232 Goddard Avenue bound by North Flood Avenue to the East, the City of Norman facilities to the Southeast, and the University of Oklahoma Max Westheimer Airport to the West and Southwest. The areas where the subject property and adjacent properties are located are best characterized by a facility owned by the City of Norman as well as airplane hangers and runways. A site vicinity map of the subject property and aerial photographs can be found in Appendix A and C, respectively.

According to Kim Fairbanks, property manager for the University of Oklahoma the utilities that serve the subject property are the City of Norman and Oklahoma Gas and Electric (OG&E). The University of Oklahoma provides the water and recently replaced the water line to the southwest of the property. According to the Oklahoma Water Resources Board Water Information Mapping System, the subject property is served by the City of Norman.

A review of the topographical map indicated that the surface elevation of the site is approximately 371 feet above mean sea level. The topographical gradient is to the south, toward the South Canadian River. This river is located approximately 4.0 miles due south of the site. The topographical map can be found in Appendix C.

### **3.3 Description of Structures, Roads, and Other Improvements**

The structure of the Norman Hanger is in good condition. According to Christa Welch during a site visit (Ref. 6) there were visible signs of degradation, including old or missing ceiling tiles and damaged pipe insulation within the Hanger. There were broken windows on the Hanger doors as well as cracking and peeling window caulking. There was also evidence of flaking paint on the Hanger doors. On the floor of the Hanger's main area was a draining grate with standing water. Based on previous armories, it is thought that these types of grates or drains lead into the city sanitary sewage pipes, but at the time of this report that could not be confirmed. Roads surrounding the Armory are in good condition. All roads are constructed of asphalt pavement. Adjacent properties, which consist of a Norman Fire Station and the Oklahoma Department of Highway Patrol, are in good condition.

### **3.4 Owner, Property Manager, and Occupant Information**

The subject property is owned and occupied by the University of Oklahoma. The DEQ Site Cleanup Assistance Program (SCAP) is in charge of identifying environmental hazards and conducting the cleanup of the Armory. The Military Department transferred ownership of the armory to the University of Oklahoma prior to completion of remedial activities.

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

The property owner and/or representatives reported no environmental liens on the subject property, and had no specialized knowledge or experience regarding recognized environmental conditions. The DEQ conducted a search for environmental liens at the Cleveland County Courthouse. No environmental liens or use limitations were reported for the subject property. A search was conducted on the Oklahoma DEQ webpage (Ref. 21) IC database for current Brownfields projects. No current Brownfields projects were reported near the subject property.

### **3.6 Commonly Known or Reasonably Ascertainable Information**

Kim Fairbanks, property manager for the University of Oklahoma, had no exceptional knowledge of commonly known or reasonably ascertainable information within the local community about possible environmental conditions on the property. It is known within the community that the building functioned as a National Guard Hanger since it was constructed in 1960 until it was relinquished back to the University of Oklahoma in 1998.

### **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**

The building is currently being used for storage by the University of Oklahoma. The offices located along the west portion of the Hanger are used for additional storage with rooms containing shelving units.

### **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 were obtained from the Department of Libraries (Ref. 7) and the DEQ GIS data viewer (Ref. 8) of archived and present-day photographs. Aerial photographs from 1940, 1995, 2005, 2008, and 2010 were

obtained. All these photographs are located chronologically in Appendix C. The following represents a summary of what was found at the subject property from each photograph.

1940 aerial photograph

The 1940 aerial photograph obtained from the Oklahoma Department of Libraries reveals the University of Oklahoma's Max Westheimer Airport and Airfield, but it does not depict the Armory Hanger. There is a grassy field in the area where the Armory Hanger will be built in 20 years. This picture is prior to the construction of Interstate 35.

1995 aerial photograph

The 1995 aerial photograph shows the subject property present with a distinct building just north of Goddard Avenue. To the east, there are three buildings and to the southeast is a complex of buildings and parking lots. To the north of the Hanger is a small landing strip for airplanes and helicopters. Further north of the landing strip is comprised of the University of Oklahoma Max Westheimer airfield. Goddard Avenue continues westbound and more buildings and hangers are visibly present until the road meets Lexington Street and turns south.

2005 aerial photograph

The 2005 aerial photograph shows the construction of a new building directly east of the subject property. The remaining areas seem to be unchanged from the 1995 aerial photograph.

2008 aerial photograph

The 2008 aerial photograph shows no changes to the adjacent areas of the subjected property from the 2005 aerial photograph. However, west of 24<sup>th</sup> street which is less than a mile from the subject property retail development is occurring. The remaining areas were unchanged from the 2003 aerial photograph.

2010 aerial photograph

The 2010 aerial photograph shows the development occurring west of 24<sup>th</sup> street. There have been several retail buildings constructed including the high rise Embassy Suites Hotel that had not been completed during the time frame of the 2008 aerial photograph. The remaining areas from the 2008 aerial photograph are unchanged.

### **3.9.2 Fire Insurance Maps**

Sanborn Fire Insurance maps were viewed and downloaded from the Oklahoma Department of Libraries website (Ref. 9). No Sanborn Maps of the subject property or adjoining properties were found. A general Sanborn Map of the City of Norman city limits and index from 1925 is located in Appendix C.

### **3.10 Current and Past Uses of Adjoining Properties**

During the site visit on the 18<sup>th</sup> of November 2009, adjoining properties were observed to contain the following. Directly to the east of the Hanger is a brick building that houses an air compressor, a small chemical storage building, and an equipment storage used by the military. The adjacent property to the north belongs to the University of Oklahoma Max Westheimer Airport and is used for non-commercial aircraft. To the west of the Hanger is the main area of the airport including runways and tarmacs. To the south of the property and across Goddard Avenue the City of Norman has various facilities including a Norman Fire Station.

### **3.11 Environmental (Physical) Setting**

The 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 Oklahoma County Soil Survey, Flood Insurance Maps, the Hydrologic Atlas Oklahoma Geological Survey, and the Federal Emergency Management Association. Review of 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 topography of the area is relatively flat. The Norman Hanger is located at a surface elevation of approximately 371 feet above mean sea level. The topographical gradient is to the south towards the South Canadian River. The South Canadian River is located approximately 4.0 miles south of the site.

According to the Federal Emergency Management Association (FEMA), the structure lies in area X, outside the boundaries of a 0.2% annual flood (500 year flood event) (see Ref. 10). A map of this information is located in Appendix C.

#### **3.11.2 Subsurface Geological Characterization**

According to the Soil Survey of Cleveland County, Oklahoma obtained from the United States Department of Agriculture (Ref. 11) the subject property consists mainly of Kirkland-Urbanland-Pawhuska complex soils with 0-3% slopes. Kirkland silt loam with 0-1% slopes comprises approximately 13.4% of the soil composition. Kirkland-Pawhuska with 0-5% slopes eroded (7.1%), Grainola-Ashport (6.1 %), Kirkland-Pawhuska with 0-5% slopes (2.1%), Renfrow-Huska with 3-5% slopes (0.8%), and Kingfisher-Ironmound complex with 1-5% slopes (0.2%), respectively, are all found within the general area of the Norman Hanger.

#### **3.11.3 Ground Water Characteristics**

The major groundwater aquifers in this area are the Garber-Wellington Aquifer and the Canadian River Aquifer.

The Oklahoma Water Resources Board (OWRB) and the United States Geological Survey (USGS) report the total area of the Garber-Wellington groundwater aquifer as 2890.72 square miles and the basin is comprised of bedrock. The Canadian River Aquifer as reported by OWRB and USGS state the total area for this aquifer is 2005.67 square miles. The Canadian River Aquifer consists mostly of alluvium and terrace deposits (see Ref. 12).

#### **3.11.4 Air Characteristics**

No air emissions were noticed at the subject property or the adjoining properties. Kim Fairbanks had no knowledge of any air emissions on the subject property (Ref. 6). Christa Welch spoke with the City of Norman utilities about the drainage problem on the south side of the property. They opened two “hatches” one of which had a large valve. These hatches allowed for drainage of the water off of the subject property. Prior to the hatches, water may have collected with an oily top layer and a slight hydrocarbon smell. Because this is a small airline hanger there is potential for fuel emissions if used for vehicle and aircraft storage. There is also a potential for asbestos emissions from suspect asbestos on the subject property.

## **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.

### **4.1 Federal National Priorities List (NPL)**

The Environmental Protection Agency (EPA) database was searched for NPL sites near the subject property within the ASTM’s recommended search radius of one mile (Ref. 13). 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 for Delisted NPL sites, which ASTM requires to be reported within ½ mile of the subject property (Ref. 14). 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 (CERCLA) Information Service (CERCLIS) was searched for active and

archived CERCLIS sites on and near the subject property (Ref. 15). The ASTM's recommended search radius of the subject property for both active and archived CERCLIS sites is ½ mile. No active CERCLIS sites were found within ½ mile of the subject property.

#### **4.3 Federal RCRA CORRACTs List**

The EPA database 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 (Ref. 16). No RCRA CORRACT facility was found within the one-mile radius of the subject property.

#### **4.4 Federal RCRA non-CORRACTS TSD List**

The EPA database for RCRA facilities not subject to corrective action was searched within the ASTM's required minimum distance of ½ mile of the subject property (Ref. 16). 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 was searched for RCRA generators within a one mile radius (Ref. 16). The required minimum search distance is the subject property and the adjoining properties. The subject property had one RCRA generator on site. The following is a table of the generators within a one mile radius.

<b>EPA – ID</b>	<b>Facility</b>	<b>Address</b>	<b>Generator status</b>
OKR000020933	Auto Accessories	3451 N. Flood	Not listed
OKD089101034	Energy Analysts Inc.	2001 Priestley Ave	No longer generating; still in business
OKR000018283	Flair Body Works	1900 Industrial	Small quantity generators
OKR000023077	Former SW Nano Tech	2360 Industrial	No longer generating; still in business
OK6120099910	Former US Aviation Wing	2232 N. Goddard Ave	No longer generating; still in business

One generator was found on site. The ID for this generator is OK6120099910 and was formerly the US Aviation Wing. The generator is no longer in operation. A complete table of the RCRA generators is located in appendix E.

#### **4.6 Federal ERNS List**

Emergency Response Notification system (ERNS) maintained by the National Response Center was searched for any hazardous substance releases or spills within the subject property (Ref. 17). ASTM requires a minimum search distance of 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 Institutional Controls/Engineering Controls on the subject property according to the representatives of the subject property and a search of county land records.

#### **4.8 State-Equivalent NPL**

The 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**

The DEQ does not have a State-equivalent CERCLIS database.

#### **4.10 State Landfill and / or Solid Waste Disposal Sites**

The DEQ regulates landfills and solid waste disposal sites across the State of Oklahoma (Ref. 18). State landfills and solid waste disposal facilities were searched in the DEQ database 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 Corporation Commission UST Notification Database 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. No LUST sites were found within the ½ mile radius.

#### **4.12 State Registered UST Sites**

The Oklahoma Corporation Commission UST Notification Database (Ref. 19) was searched to locate registered underground storage tanks (UST) located within the ASTM's minimum search distance of the subject property and its adjoining properties. Two registered USTs were found on site and nine registered USTs were found on adjoining properties. The Oklahoma Military Department and the Aviation Facility owned the two USTs on site. The following table lists the USTs and addresses found within ¼ mile radius of the site.

<b>Facility #</b>	<b>Name</b>	<b>Address</b>	<b>Tanks</b>	<b>Status</b>	<b>LUST</b>
1402641	City of Norman	103 Congress	5	Inactive	NO
1405788	OK Military	1208 Thunderbird	2	Inactive	NO

1405789	Aviation Facility	2232 Goddard	2	Inactive	NO
1405347	OK Military	2232 Goddard	1	Inactive	NO
1409348	The Airmen Inc	1948 Goddard	4	Inactive	NO
1411028	United Parcel Service	1950 Goddard	1	Inactive	NO
1412203	Westheimer Airport	Davinci & Goddard	9	Inactive	NO
1413938	Fleet Management	1301 Davinci	2	Active	NO
1420655	Norman Batch Plant	2600 N. Flood	2	Active	NO

#### 4.13 State Institutional Control/Engineering Control Registries

The State Institutional Control/Engineering Control Registry developed by the DEQ was searched for any Brownfield sites near the subject property. There are no Institutional Control/Engineering Controls in effect for this property (Ref. 21).

#### 4.14 State Voluntary Cleanup Sites

The DEQ Voluntary Cleanup Program (VCP) database was searched for VCP sites within the required ASTM search distance of ½ mile of the Norman Hanger (Ref. 20). No VCP sites are located on or within ½ mile of the subject property.

#### 4.15 State Brownfield Sites

The DEQ Brownfield database was searched for Brownfield sites within the required ASTM search distance of ½ mile of the Norman Hanger (Ref. 21). No Brownfield sites were found within ½ mile of the Norman Hanger.

#### 4.16 Oil and Gas Records

The DEQ determined that the subject property is located in the SE quarter of the NE ¼ NE ¼ of Section 24, Township 9 North, Range 3 West. The DEQ performed a search of oil and gas records from the Oklahoma Corporation Commission's oil and gas records database. The subject property is in an area where there is a history of oil and gas development. Oil and gas records were searched to record the known history of well development on this site. A search area consisted of the property as described from the legal locations above and the quarter, quarter, quarter sections directly adjacent and upgradient of the site. The following describes each well record found in these areas. Specific details of these wells are located in Appendix E.

- The Holden Energy Corporation had intent to drill two wells in Section 24, Township 9N, Range 3W. Specifically these wells are located at ¼ SE ¼ SE ¼ NE (well OU 24-1) and C ¼ SE ¼ SE (well OU 24-2). The drilling for well OU 24-1 began on November 15<sup>th</sup>, 1982 and was completed on May 10<sup>th</sup>, 1983. First production commenced on April 27<sup>th</sup>, 1983 and recompleted on November 19<sup>th</sup>, 1998 according to the Oklahoma Corporation Commission Oil and Gas

Conservation Division (Ref. 19, see Appendix E for documents). The following are target formations and depths:

- Unconformity – 7698 feet
- Viola – 8370 feet
- The drilling for well OU 24-2 began on March 20<sup>th</sup>, 1985 and was completed on May 7<sup>th</sup>, 1985 according to the Oklahoma Corporation Commission Oil and Gas Conservation Division (Ref. 19, see Appendix E for documents). The date of first production was August 10<sup>th</sup>, 1985. The following are target formations and depths:
  - Hunton – 8,140 feet
  - Viola – 8600 feet

## **5.0 SITE RECONNAISSANCE AND INTERVIEWS**

### **5.1 Methodology and Limiting Conditions**

A site reconnaissance of the property located at 2232 North Goddard Avenue, Norman, Oklahoma was performed on the 18<sup>th</sup> of November 2009. Christa Welch of the DEQ met the property manager, Kim Fairbanks, to conduct a phase I assessment of the property (Ref. 6). Kim Fairbanks introduced Christa Welch to the Norman Hanger site and answered questions to the best of her knowledge on the site. All areas of the building were observed noting any environmental conditions that might need additional investigation. The outside area of the property was walked through entirely for observations that might need additional investigation as well.

### **5.2 General Site conditions**

The Norman Hanger property is composed of brick and is approximately 11,979 square feet. It was constructed in 1960. The building is occupied by the University of Oklahoma. The property surrounding the building consists of a paved tarmac to the north of the building and grass. A parking lot is to the south and west of the Hanger. The adjacent property to the north belongs to the University of Oklahoma Max Westheimer Airport and is used for non-commercial aircraft. Further south of the subject property across Goddard Avenue, the City of Norman has various facilities including a Norman Fire Station.

#### Aboveground Storage Tanks (ASTs)

The subject property does not have any ASTs. No ASTs were found on the adjacent properties during the site reconnaissance.

#### Landfills and/or Dumping

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

### Impoundments

No impoundments were observed on the subject property.

### Monitoring Wells

According to the Oklahoma Water Resources Board well search (Ref. 22) eight monitoring wells were found within one mile of the subject property. Specifically, six wells lie on University of Oklahoma property, but none lie on the subjected property. All six wells are down gradient of the Norman Hanger.

### Disturbed and Stained Soils

No stained soils were observed on the subject property.

### Seeps

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

### Chemical Spills

No evidence of possible chemical spills was observed on the subject property.

### Farm Waste

No farm waste was observed on the subject property.

### Known Pesticide Misapplication

No known pesticide misapplications were detected during the site visit or during the supportive research.

### Discharges and Runoff from Adjacent Property Affecting the Site

Rainwater runs off to the east of the subject property. DEQ observed pooled water on the Hanger floor that may have been due to raining events.

### Petroleum Products and Oil and Natural Gas Exploration

There is a history of oil and natural gas exploration in the area. A search of the Oklahoma Corporation Commission's oil and gas records database revealed two wells, one well on site and the other adjacent to the legal description of the property. Holden Energy Corporation and OU 24-2 wells were drilled in the mid 1980s. See Section 4.16.

## Asbestos

Since many of the State armories were built before the 1970s, there is a high potential of finding asbestos containing materials, or 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 nine inches by nine inches have been found to regularly contain asbestos. Marshall Environmental Management, Inc. completed an asbestos inspection for the Norman Hanger on May 7, 2010. In this inspection report asbestos containing floor tile and floor tile mastic were found in two of the west rooms. Asbestos was also found in the pipefitting insulation in one room.

## Lead

The building most likely contains lead-based paint and lead dust. There is no indoor firing range in this building, so the lead dust is most likely due to deteriorated lead-based paint. Marshall Environmental Management, Inc. completed lead-based paint and lead-laden dust inspection for the Norman Hanger on May 7, 2010. Lead-based paint was found on the interior panels of the hanger doors as well as the exterior of the hanger doors, windows, and track wheels. Lead-laden dust was found on the main Hanger floor and in several rooms.

## Transformers/PCB Equipment

There were no transformers observed around the subject property because of the airfield.

Fluorescent lighting ballasts could potentially be present in the Hanger. At the time of this report it is unknown if fluorescent lighting ballasts were in existence in the Norman Hanger.

### **5.3 External Observations**

The external observations did not show any recognized environmental conditions. The area is composed of a paved parking lot along with grass vegetation covering the south portion of the site. The northern area is paved asphalt running east and west towards the airport tarmac. The area around the building is considered a commercial area used by the University of Oklahoma Max Westheimer Airport. Photographs of the external view of the site can be found in Appendix B.

### **5.4 Internal Observations**

The building is currently occupied by the University of Oklahoma and was last used by the Oklahoma Army National Guard to support the military mission. The building was constructed from brick in 1960. Before construction of the armory building the land was

owned by the Board of Regents for the University of Oklahoma and was vacant land on the Max Westheimer Airport. During the site visit on November 18, 2009 small pools of standing water were observed on the main floor of the Hanger. Photographs of the internal view of the site can be found in Appendix B.

## 5.5 Interviews

Kim Fairbanks, property manager, gave a tour of the Norman Hanger and provided historical and environmental information of the site. She was not aware of any present environmental concerns of the property or adjacent properties. Below is the information obtained from Kim Fairbanks (Appendix D):

- There has been no industrial use of the subject property or surrounding areas in the past.
- No known chemical spills on the property.
- No cisterns, above ground storage tanks, or impoundments have been present in or on the property.
- The Oklahoma Military Department did have radiators present on site. There were 2-3 radiators present.
- It was suggested that oil and gas wells had been present in a nearby area in the past but not currently.
- Hazardous materials may include lead based paint, lead dust and asbestos.
- The University of Oklahoma would like to use the building for storage and or recreational uses.

## 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.

- The former Norman Hanger was built in 1960. The land for the Hanger was leased by the University of Oklahoma to the State of Oklahoma on April 18, 1953 for the benefit of the Oklahoma National Guard. The subject property is currently owned by the University of Oklahoma. After all remediation activities have taken place and a notice of remediation and easement has been filed in the Cleveland County Courthouse, the deed to the property will revert to the University of Oklahoma.
- The building is contaminated with lead dust, lead-based paint, and asbestos. The Oklahoma Department of Environmental Quality Site Cleanup Assistance Program plans to cleanup any lead and asbestos contamination on the subject property and properly dispose of all associated waste. The lead and asbestos contamination in the building constitutes a recognized environmental condition (REC).
- Adjoining properties consist of the City of Norman, a Norman Fire Department Station, and the University of Oklahoma Max Westheimer Airport. Historical aerial photographs show developed retail and non-commercial property around the Norman Hanger.

- Sanborn Fire Insurance maps did not show the vacant land of the subjected property between the years 1933 and 1949.
- No National Priority List (NPL), delisted NPL sites, Resource Conservation and Recovery Act (RCRA) non-corrective action sites (CORRACTS) treatment, storage, and disposal (TSD) listings, Emergency Response Notification System (ERNS) list, Institutional Controls/Engineering Controls, or State landfills and/or solid waste disposal sites were found on the subject property or within the ASTM recommended search radii. No RCRA generators, Voluntary Cleanup (VCP) sites, or Brownfield sites were found on the subject property. No active or archived Comprehensive Environmental Response, Compensation, and Liability Information Search (CERCLIS) site listings were found. The subject property is on the DEQ Site Cleanup Assistance Program (SCAP) list for cleanup of lead and asbestos contamination. There were five RCRA generators listed within one mile of the subject property.
- Nine underground storage tank sites were found within a ½ mile radius and nine underground storage tank sites within a ¼ mile radius of the subject property. There are two inactive USTs and no LUSTs on site. Two of the USTs were owned by the aviation facility and three were owned by the Oklahoma Military Department. It is unknown if those tanks have been removed.
- Oil and gas development was found in the OCC oil and gas records for the quarter, quarter, quarter sections directly above and upgradient of the site.

## **7.0 OPINION AND RECOMMENDATIONS**

Due to the past use of the property and contamination found on the subject property, the environmental professionals working on this site believe that cleanup of lead and asbestos is warranted. Several findings mentioned in Section 6.0 of this Phase I TBA report support this opinion.

No archived RCRA CORRACT site listings, VCP sites, CERCLIS sites, and Brownfield sites were found within the ASTM recommended search radii, indicating a low potential of impact to the subject property. Eight RCRA generators were found within one mile of the subject property. DEQ feels that there is a low potential impact to the subject property from these facilities.

## **8.0 DATA GAPS**

No tribal information was obtained for this assessment. No tax records, city directories, or zoning records were reviewed for this report. The Limited Environmental Baseline Assessment (LEBA) had not been completed at the time this TBA was conducted. However, this did not affect the ability of the DEQ to make a recommendation on the subject property.

## **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 the former Norman Hanger located at 2232 Goddard Avenue, Norman, 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 conditions* in connection with the *property* except for the following: lead dust, lead-based paint, and asbestos contamination throughout the building.

The information provided in this assessment is to assist the University of Oklahoma 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, also Superfund – Ref. 2), as provided in the Small Business Relief and Brownfields Revitalization Act of 2002 (Public Law 107-118, Subtitle B – Ref. 3).

## **10.0 ADDITIONAL SERVICES**

Additional services provided in this Phase I Targeted Brownfield Assessment include asbestos, lead-based paint, and lead dust sampling by DEQ and its contractors.

## **11.0 DEVIATIONS**

The following deviations from ASTM Practice E 1527-05 occur in this Phase I Targeted Brownfield Assessment. Asbestos and lead paint were sampled and the corresponding results were included in this report. Normally, sampling is not included in a Phase I Environmental Assessment, but it was in this case. No tax records, city directories, or zoning records were reviewed for this report.

## 12.0 REFERENCES

1. U.S. Environmental Protection Agency. (2008). Oklahoma *Brownfields Assistance Agreement*. (No #RP96681001-1). Unpublished Document. State of Oklahoma: Oklahoma City, Oklahoma.
2. U.S. Environmental Protection Agency. (1980). *Comprehensive Environmental Response, Compensation, and Liability Act*. (Public Law 96-510). Washington, DC: U.S. Government Printing Office.
3. U.S. Environmental Protection Agency. (2002). *Small Business Liability Relief and Brownfields Revitalization Act*. (Public Law 107-118, Subtitle B). Washington, DC: U.S. Government Printing Office.
4. ASTM International. (2005). Water and Environmental Technology: Phase I Environmental Site Assessment E 1527 – 05. Baltimore, Maryland.
5. Cleveland County Courthouse records search. DEQ site visit May 13<sup>th</sup> 2011.
6. Christa Welch, Oklahoma Department of Environmental Quality, interview notes from the initial site visit to the Norman Hanger with Kim Fairbanks, the University of Oklahoma property manager. 18 November 2009.
7. Oklahoma Department of Libraries aerial photo search. DEQ site visit May 5<sup>th</sup> 2011.
8. Oklahoma Department of Environmental Quality online GIS Data Viewer. [www.deq.state.ok.us](http://www.deq.state.ok.us). Accessed 11 April 2011.
9. Sanborn Fire Insurance Maps. Oklahoma Department of Libraries. [www.odl.state.ok.us](http://www.odl.state.ok.us). Accessed 5 May 2011.
10. Oklahoma Water Resources Board (OWRB) water information mapping system (WIMS). Conducted a search of the major aquifers and the minor groundwater basins in Norman, Oklahoma. [http://maps.owrb.state.ok.us/ms/ws/pub\\_custom/viewer.htm](http://maps.owrb.state.ok.us/ms/ws/pub_custom/viewer.htm). Accessed 30 March 2011.
11. EPA NPL list: <http://www.epa.gov/superfund/sites/npl/status.htm>.
12. Delisted NPL sites database: <http://www.epa.gov/superfund/sites/quire/queryhtm/npldel.htm>.
13. CERCLIS current and archived sites: <http://cfpub.epa.gov/supercpad/cursites/srchsites.cfm>.
14. Federal Emergency Management Association (FEMA). <https://msc.fema.gov>. Accessed 11 April 2011.

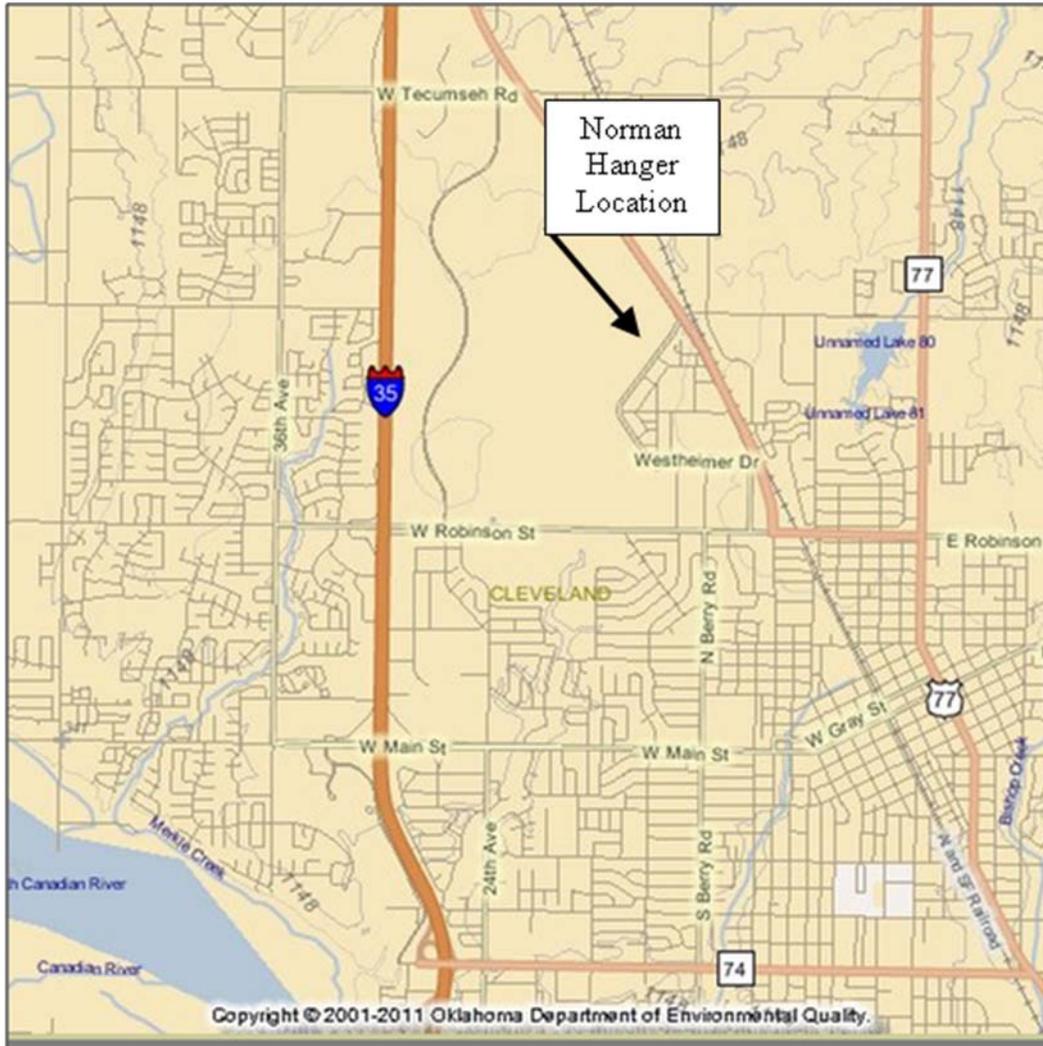
15. United States Department of Agriculture subsurface geological characterization and soil survey. Found at: <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>. Accessed on 30 March 2011.
16. RCRA database: [http://www.epa.gov/enviro/html/rcris/rcris\\_query\\_java.html](http://www.epa.gov/enviro/html/rcris/rcris_query_java.html).
17. Emergency Response Notification System: <http://www.nrc.uscg.mil/foia.html>.
18. State Landfill site list: <http://www.deq.state.ok.us/LpDnew/swindex.html>.
19. Oklahoma Corporation Commission Oil and Gas Conservation Division. Jim Thorpe Building, Oklahoma City, Oklahoma. DEQ site visit May 5<sup>th</sup> 2011.
20. Oklahoma Department of Environmental Quality voluntary cleanup site database. Accessed 30 March 2011.
21. Oklahoma Department of Environmental Quality State Brownfield Site database. Accessed 30 March 2011.  
<http://www.deq.state.ok.us/lpdnew/Brownfields/PublicRecordBrownfields.pdf>
22. Oklahoma Water Resources Board monitoring well search. Accessed 30 March 2011.  
[http://www.owrb.ok.gov/wd/search/search\\_results.php](http://www.owrb.ok.gov/wd/search/search_results.php)

## 13.0 APPENDICES

- Appendix A Site (Vicinity) Maps
- Appendix B Site Photographs
- Appendix C Historical Research Documentation
  - Aerial Photographs
  - Topographical Map
  - Fire Insurance Sanborn Map
  - Flood Insurance Map (FEMA)
  - Floor Plan
- Appendix D Log Book and Interview Documentation
- Appendix E Oklahoma Corporation Commission Oil and Gas Records
  - Underground Storage Tank Records
- Appendix F Cleveland County Records and Deeds
- Appendix G Qualifications of Environmental Professional

**Appendix A**  
**Site (Vicinity) Maps**

**Figure 1. Site (Vicinity) Map**



**Figure 2. Site (Vicinity) Map**



**Appendix B**  
**Site Photographs**

Photos taken on November 18<sup>th</sup>, 2009 by C. Welch



Picture 1. Pipe wrap and insulation



Picture 2. Exposed wires and ceiling tiles in office



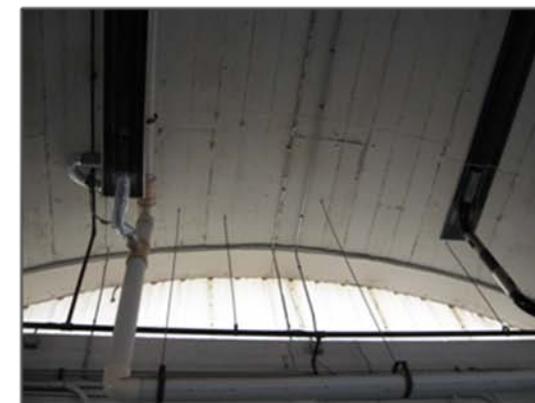
Picture 3. Pipe wrap



Picture 4. Peeling and flaking paint on window sill



Picture 5. Flaking paint on Hanger's sliding doors



Picture 6. Image of overhead doors



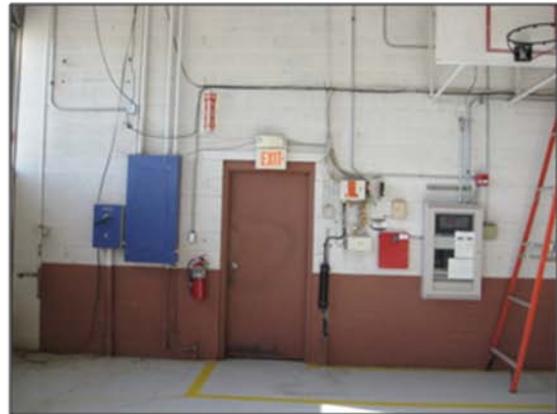
Picture 11. Office room



Picture 12. Office room



Picture 13. Missing pieces of sliding doors



Picture 14. Electrical fixtures on west wall



Picture 15. Ceiling



Picture 16. Missing pieces of sliding doors



Picture 17. North view of hanger doors



Picture 18. Paint missing off doors



Picture 19. Image of the outside wall



Picture 20. Entrance - South wall



Picture 21. Sliding hanger door



Picture 22. Underground storage



Picture 23. Electric (static) ground connection



Picture 24. Additional building (storage)



Picture 25. Additional building



Picture 26. Storage space depicted



Picture 27. Northeast view of airport tarmac



Picture 28. Northwest view of airport tarmac



Picture 29. Building down spouts



Picture 30. Building down spouts



Picture 31. Roof eave/ drainage



Picture 32. Electrical fixtures



Picture 33. Compressor used for cleaning airplanes



Picture 34. Tank #1 used for cleaner storage



Picture 35. Tank #2 used for cleaner storage



Picture 36. Hoses and connections for tanks

## Appendix C

### Historical Research Documentation

## Aerial Photographs

**Aerial 1943 Photograph**



**Aerial 1995 Photograph**



**Aerial 2005 Photograph**



**Aerial 2008 Photograph**

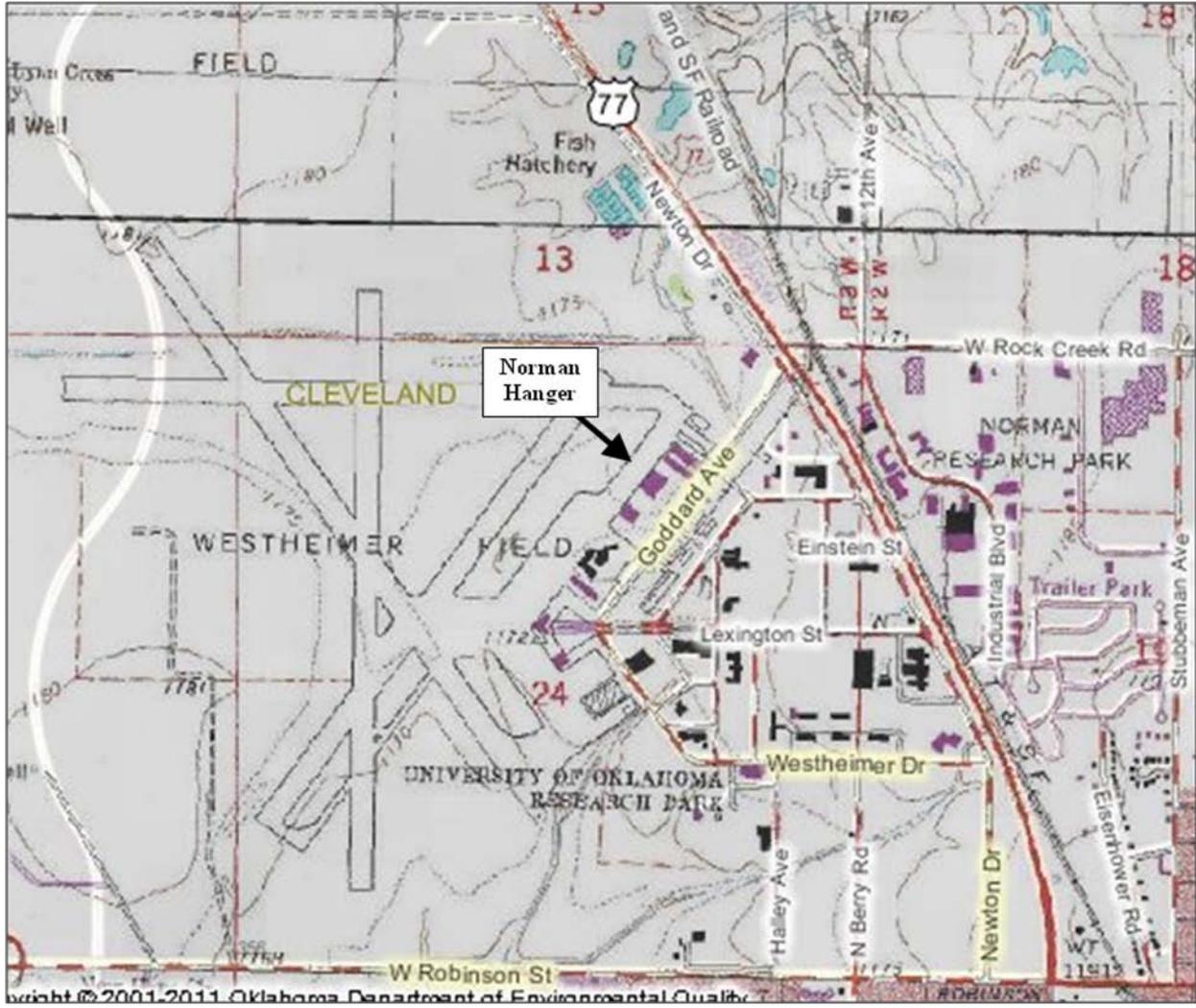


**Aerial 2010 Photograph**



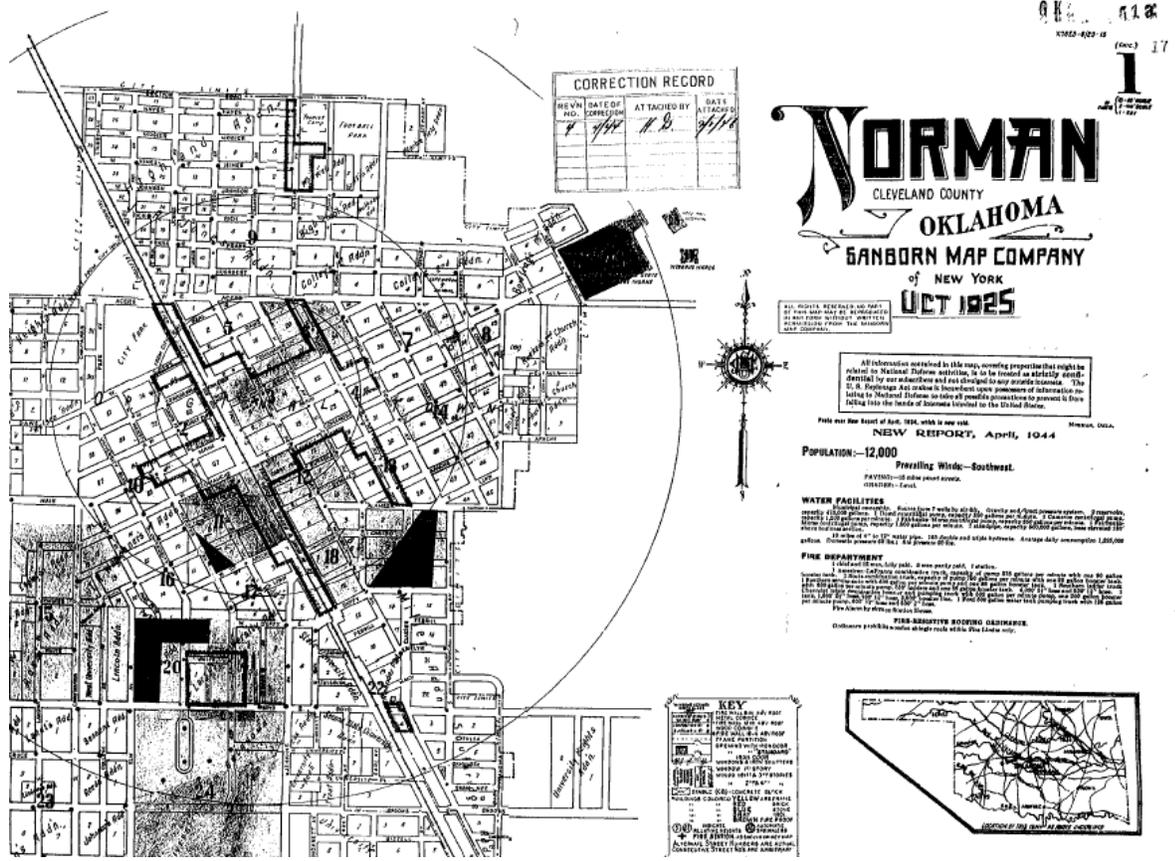
**Topographical Map**

Figure 1. Topographical Map



## Fire Insurance Sanborn Maps

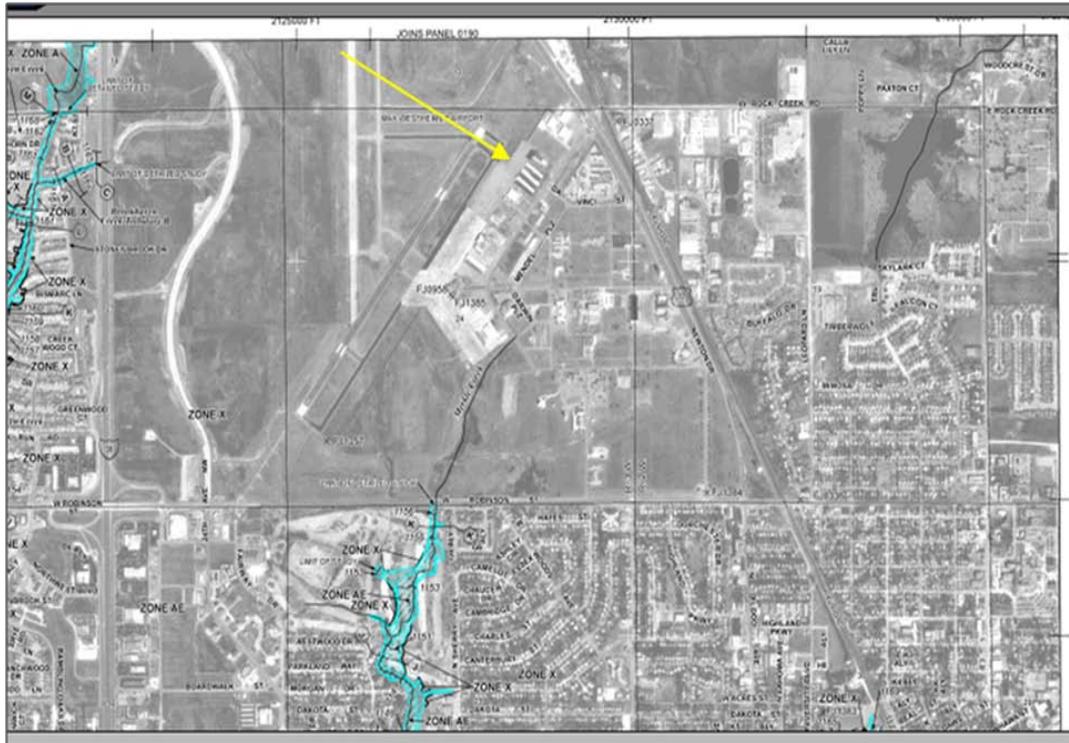
Figure 1. Sanborn Map (October 1925)



<http://sanborn.umi.com/image/view?state=ok&reelid=reel111&lcid=7195&imagename=00107&mapname=Norman>  
Oct. 1925-Apr. 1944, Sheet 1&CCSI=4117n

**Flood Insurance Map (FEMA)**

**Figure 1. Federal Emergency Management Association (FEMA), Flood Insurance Map – 100 year flood risk**



OTHER AREAS

ZONE X

Areas determined to be outside the 0.2% annual chance floodplain.

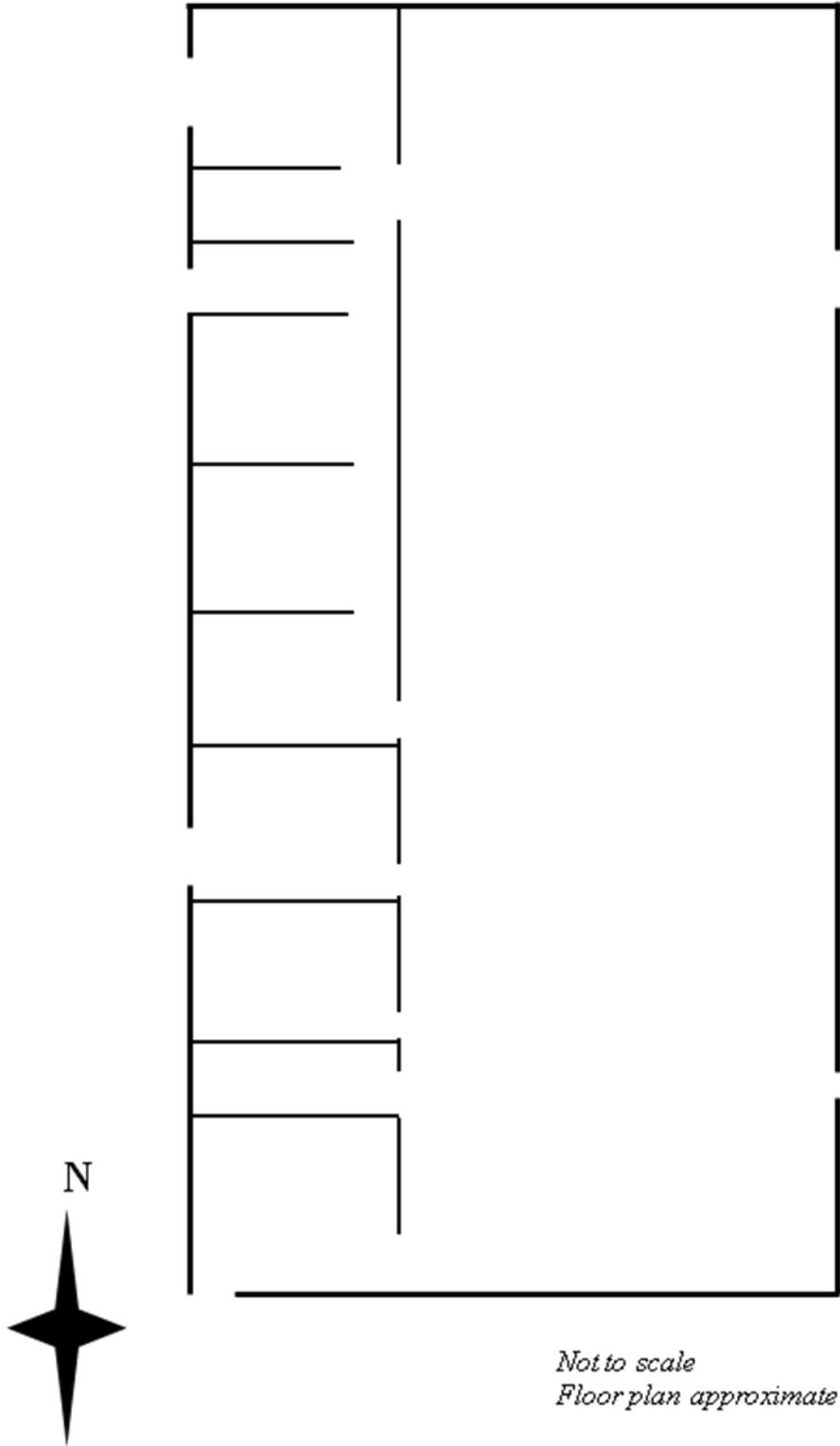
ZONE D

Areas in which flood hazards are undetermined, but possible.

## Norman Hanger Floor Plan

Figure 1. Norman Hanger Floor Plan

**Norman Hanger Armory  
Floor Plan**



*Not to scale  
Floor plan approximate*

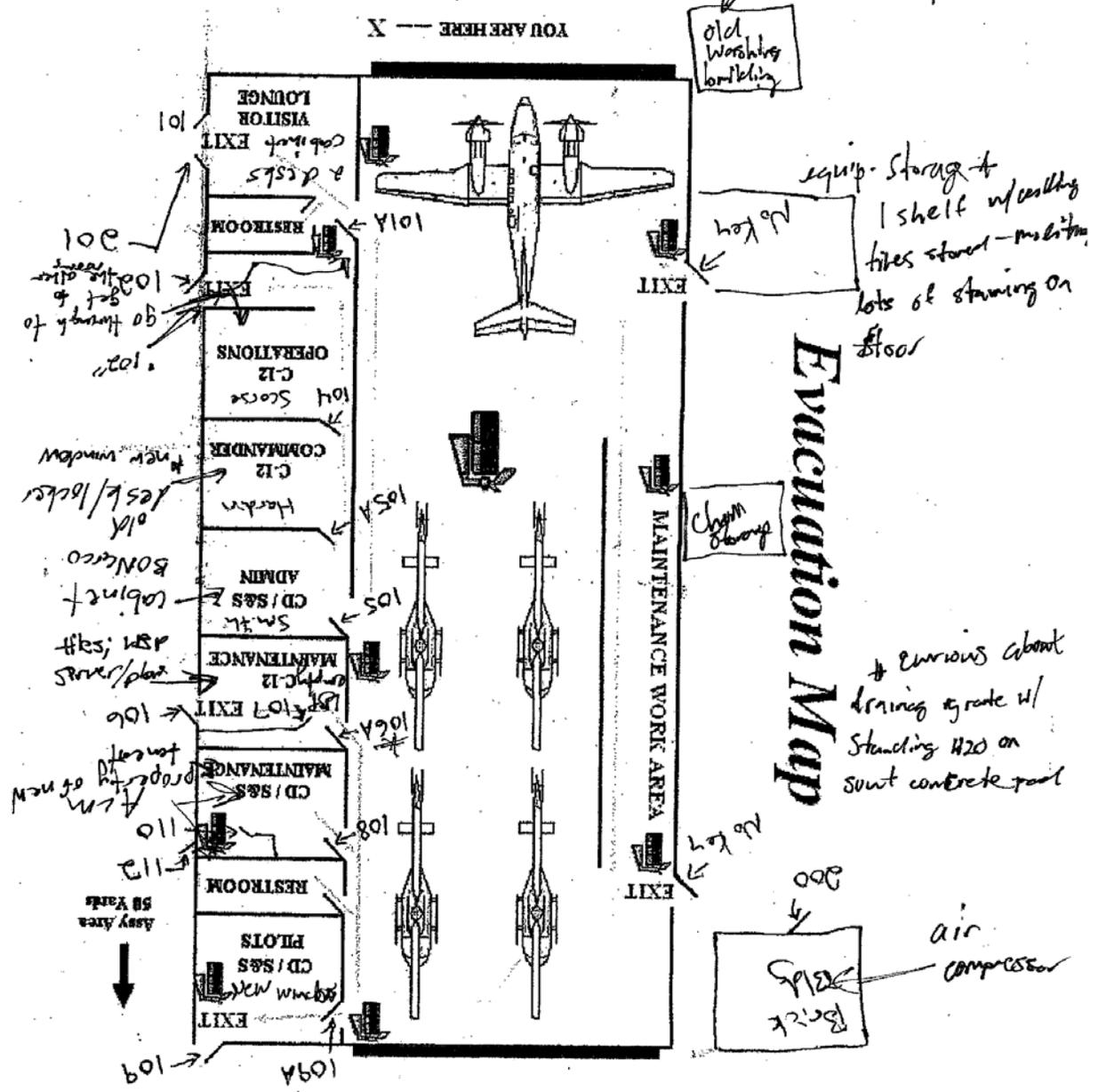
## **Appendix D**

### **Log Book and Interview Documentation**

Log Book, Interview Documentation, and Notes of Site Visitation by C. Welch

PILS - main room - starting in NW corner - ceiling - prob LBP on ACM tiles - old flags - 7 confiscated vehicles (Dept. Navar) storage cabinet - ODN - fire protection "panel" on ceiling - NE → SE → SW

not original (find out when) chem. tank N↑



**Military Department Property** (Please provide a detailed inventory of military property)

\_\_\_ Boiler present?  Radiator present? # of radiators 2-3

Rooms radiator(s) present in: \_\_\_\_\_

\_\_\_ Old lighting ballasts present?

Rooms old lighting ballasts present in: \_\_\_\_\_

	<u>Type of property</u>	<u>Amount</u>	<u>Room Located In</u>
1.			
2.	<i>desks</i>		
3.			
4.			
5.	<i>locker</i>		
6.			
7.			
8.			
9.			
10.			

**Radiation Signs**

Are radiation signs present in the building? NO

What does the sign say? \_\_\_\_\_

Utilities *City of Norman - OGE - recently replaced H<sub>2</sub>O line*  
 City water \_\_\_ Well \_\_\_ City sewer NO Septic tank *SW part of property*  
 \_\_\_ Natural gas \_\_\_ Propane

Underground features *not to Kim's knowledge*  
 \_\_\_ USTs removed \_\_\_ Vent pipes present \_\_\_ USTs not removed

Above ground features  
 Cisterns present NO ASTs NO Impoundments

*former helicopter landing pad*

*\*interesting drainage grate on south concrete pad: standing H<sub>2</sub>O could have been washing equipment*

**Structures on adjoining property**

Residential, commercial structures, churches, schools etc

airport hangers

**Onsite information**

\_\_\_ Air Emissions    \_\_\_ Wastewater Discharge

**Industrial activities**

\_\_\_ Monitoring wells    Location:

\_\_\_ Stained soils    Location:

\_\_\_ Seeps    Location:

\_\_\_ Chemical spills    Location:

\_\_\_ Oil and Gas Exploration    Describe:

\_\_\_ Known Groundwater or Surface Water contamination

Describe:

\_\_\_ Farm Wastes

\_\_\_ Known Pesticide Misapplication

\_\_\_ Discharges and Runoff from Adjacent Property Affecting the Site

\_\_\_ Transformers/PCB Equipment    Location:

Describe:

Other known or Suspected Environmental Concerns On the Site

concrete pad on S side -  
drain in middle w/ storming 1000  
small pad on SW corner

\* storage room -  
outside SWE corner -  
missing shelves

3 holes on E side  
of building - connection  
to chem building -  
chem building removed?

Historical Recognized Environmental Conditions On the Site

**Current Use of the Property**

Descriptions of Structures, Roads, Other Improvements on the Site

**Description of adjacent properties**

**Owner, Property Manager, and Occupant Information**

**Additional Environmental Record Sources**

City Records: e.g. Material Safety Data Sheets for chemicals used at industrial or commercial facilities Land Use Restrictions

talked to utilities about the drainage on S pad  
they opened 2 "hatches" - huge valve on 1. part -  
had oily / hydrocarbon smell - drained off property  
to rain

**Physical Setting Sources**

**Historical Use Information on the Property**

**Historical Use Information on Adjoining Properties**

**Site Reconnaissance**

Methodology and Limiting Conditions: The method used to observe the property and limitations imposed by physical obstructions or limiting weather conditions.

**General Site conditions:**

**External observations**

Stained soil or pavement  Stressed vegetation  Solid waste

Other:

Internal observations

\_\_\_ Odors \_\_\_ Pools of liquids \_\_\_ Drums

\_\_\_ Stains or Corrosion on floors, walls, or ceilings

Other:

**General notes:**

## **Appendix E**

### **Federal RCRA Generators List**

**RCRA NOTIFIERS LISTING**  
Source: USEPA RCRAInfo Database

Report run on: June 20, 2011 8:50 AM  
Report Title: 06h\_notifiers\_list\_v5.rdf

State of: OKLAHOMA

EPA-ID	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY/ PARISH	ST G R E E N N	OPER W P N N	RECEIVED DATE
OKS960020183	US ARMY COE HUGO PROJECT OFFIC Contact: JAMES HARRIS	HWY 70 7M E Mailing Addr: PO BOX 388, SAWYER, OK 74745	HUGO	74743	CHOCTAW	F	04/06/92	
OKR00016675	WAL-MART SUPERCENTER # 49 Contact: CHRIS STEWART	1911 E JACKSON ST Mailing Addr: PO BOX 8041, BENTONVILLE, AR 72712	HUGO	74743	CHOCTAW	P P	11/10/10	
OKD077351864	BOISE CITY VET CLINIC Contact: DICKY-J HODGES	HWY 287 E Mailing Addr: BOX 577, BOISE CITY, OK 73933	BOISE CITY	73933	CIMARRON	P	12/04/80	
OKD000792341	NATHANIEL ENERGY CORP Contact: WALON-J KIRSCH	5 MI NE OF KEYS ON HWY Mailing Addr: ROUTE 2 BOX 30, BOISE CITY, OK 73933	KEYES	73947	CIMARRON	P P	03/21/05	
OKD982550840	FORMER LEXINGTON INMATE TRAINI Contact: WENDELL FORD	HWY 39 8M E Mailing Addr: PO BOX 550, LEXINGTON, OK 73051	LEXINGTON	73051	CLEVELAND	S X	07/29/10	
OKD987088317	JJ EXPRESS INC Contact: GERALD SMITH	13501 S HWY 39 Mailing Addr: 13501 S HWY 39, LEXINGTON, OK 73051	LEXINGTON	73051	CLEVELAND	P O	03/16/92	
OKD000396903	LEXINGTON TOWN OF Contact: MARGARET WATKINS	121 E BROADWAY Mailing Addr: PO DRAWER D, LEXINGTON, OK 73051	LEXINGTON	73051	CLEVELAND	M	08/18/80	
OKD982560237	OKLA ARMY NATIONAL GUARD OMS17 Contact: ROBERT STEWART	HWY 39 E & 144 AVE Mailing Addr: HWY 39 E & 144 AVE, LEXINGTON, OK 73051	LEXINGTON	73051	CLEVELAND	F F	06/06/91	
OKD987073756	OKLA VO-TECH LEXINGTON SKILL C Contact: DONALD CHESSE	HWY 39 6.5 M S Mailing Addr: PO BOX 550, LEXINGTON, OK 73051	LEXINGTON	73051	CLEVELAND	S P	09/21/90	
OKD987084274	OKLAHOMA STARTER DRIVE INC Contact: RAMONA BURCHETT	700 N MAIN & HWY 77 Mailing Addr: PO BOX 940, LEXINGTON, OK 73051	LEXINGTON	73051	CLEVELAND	P O	03/14/02	
OKD122595515	OKLAHOMA STARTER DRIVES Contact: CARL BURCHETT	120 E BROADWAY Mailing Addr: PO BOX 930, LEXINGTON, OK 73051	LEXINGTON	73051	CLEVELAND	P	02/12/87	
OKD982287880	TOPLINE AUTO Contact: LEROY WILSON	HWY 77 .5M N OF CITY Mailing Addr: PO BOX 160, LEXINGTON, OK 73051	LEXINGTON	73051	CLEVELAND	F	07/09/10	
OKD980869069	A & J INDUSTRIES INC Contact: ALLIB-B BURGIN	413 N SUNNYLANE Mailing Addr: PO BOX 7049, MOORE, OK 73153	MOORE	73153	CLEVELAND	P	12/13/83	
OKD003798949	AIRCRAFT & ENGINE ENTERPRISES Contact: ROY GOOD	215 NE 12TH ST Mailing Addr: PO BOX 6070, MOORE, OK 73153	MOORE	73153	CLEVELAND	P	06/30/80	
OKD980598809	AMERICAN TEL & TEL CO LONG LIN Contact: DENNI CLEVELAND	PEREY RD 1.5M N Mailing Addr: 811 MAIN ST ROOM 939, KANSAS CITY, MO 64141	MOORE	73160	CLEVELAND	P	04/15/81	
OKR000017160	AOP INDUSTRIES INC Contact: LEONARD CAREY	2101 S BROADWAY Mailing Addr: PO BOX 6979, MOORE, OK 73153	MOORE	73160	CLEVELAND	P P	11/21/01	
OKD079985966	ARNOLD BROTHERS INC Contact: MARGENE ARNOLD	105 SW 8TH Mailing Addr: 105 SW 8TH, MOORE, OK 73160	MOORE	73160	CLEVELAND	P	07/16/80	

**RCRA NOTIFIERS LISTING**  
Source: USEPA RCRAInfo Database

Report run on: June 20, 2011 8:50 AM  
Report Title: 06h\_notifiers\_list\_v5.rdf

State of: OKLAHOMA

PERM-NO	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY/ PARISH	ST	OPER	RECEIVED
NO						TYPE	DATE	
OKR00008391	BIG O TIRES LLC # 36042	1308 N EASTERN AVE	MOORE	73160	CLEVELAND	P	P	10/23/09
	Contact: DAVID ZOLNOWSKI	Mailing Addr: 823 DONALD ROSS RD, JUNO BEACH, FL 33408						
OKR00014217	BODY WORKS INC	2404 BROADWAY	MOORE	73160	CLEVELAND	F	P	02/26/01
	Contact: RON SHORT	Mailing Addr: 2590 BOARDWALK, NORMAN, OK 73069						
OKD10585404	C & P AUTO ELECTRIC	815 S SUNNYLANE	MOORE	73153	CLEVELAND	F	O	01/02/87
	Contact: KATHY CHENAULT	Mailing Addr: PO BOX 7094, MOORE, OK 73153						
OKR00002022	D & L COLLISION	913 SE 19TH ST	MOORE	73160	CLEVELAND	F	P	05/28/96
	Contact: LENA GRATHIN	Mailing Addr: 913 SE 19TH ST, MOORE, OK 73160						
OKD000719492	DAVIS DX SERVICE STA	100 NE 12TH ST	MOORE	73160	CLEVELAND	F	P	08/18/80
	Contact: ROY DAVIS	Mailing Addr: 100 NE 12TH ST, MOORE, OK 73160						
OKD045348315	DIAMOND CRYSTAL SALT COMPANY	216 NE 12TH ST	MOORE	73153	CLEVELAND	P	O	05/06/82
	Contact: RICK GAY	Mailing Addr: PO BOX 7009, MOORE, OK 73153						
OKD58250501	E HILLS AUTO BODY RPR	2127 N EASTERN	MOORE	73160	CLEVELAND	F	P	04/14/88
	Contact: KENNETH-R DEEN	Mailing Addr: 2127 N EASTERN, MOORE, OK 73160						
OKR000451443	FLAIR BODY WORKS	128 NE 1ST	MOORE	73160	CLEVELAND	F	P	07/14/94
	Contact: ALAN HANEY	Mailing Addr: 128 NE 1ST, MOORE, OK 73160						
OKR00005421	FORMER CUSTOM NEWS DISPLAYS IN	809-C SE SUNNYLANE AVE	MOORE	73160	CLEVELAND	F	P	01/12/10
	Contact: BRETT DEWBERRY	Mailing Addr: 809-C SE SUNNYLANE AVE, MOORE, OK 73160						
OKD050883719	FORMER DAVID STANLEY SUBARU &	10003 S SHIELDS	MOORE	73153	CLEVELAND	F	P	03/17/11
	Contact: BOB WHITE	Mailing Addr: PO BOX 6329, MOORE, OK 73153						
OKR000105452	FORMER PRECIOUS METALS INC	200 SUTTON CIRCLE #212	MOORE	73160	CLEVELAND	F	P	09/08/10
	Contact: HAROLD GARRETT	Mailing Addr: 200 SUTTON CIRCLE #212, MOORE, OK 73160						
OKR00020792	HOME DEPOT #3917	650 SW 19TH ST	MOORE	73160	CLEVELAND	F	P	04/03/09
	Contact: JORGE GOMEZ	Mailing Addr: 5151 SAN FELIPE ST, HOUSTON, TX 77056						
OKR00021022	HOME DEPOT TRC3917	650 SW 19TH ST	MOORE	73160	CLEVELAND	F	P	02/23/07
	Contact: DAVID BRILL	Mailing Addr: 650 SW 19TH ST, MOORE, OK 73160						
OKD987096328	JANUARY TRANSPORT INC	2300 S BROADWAY	MOORE	73160	CLEVELAND	F	P	01/21/00
	Contact: CHRIS JANUARY	Mailing Addr: 2701 S PROSPECT, OKLAHOMA CITY, OK 73129						
OKR00017475	KUSTOM BUILDINGS INC	2009 S BROADWAY	MOORE	73160	CLEVELAND	F	P	03/08/02
	Contact: JUAN PAREDES	Mailing Addr: 2009 S BROADWAY, MOORE, OK 73160						
OKD987071677	LTV ENERGY PROD	515 S SUNNYLANE	MOORE	73153	CLEVELAND	F	P	07/25/90
	Contact: ROBERT THOMAS	Mailing Addr: PO BOX 6479, MOORE, OK 73153						
OKD102390887	MARSHALL FENCE	808 NW 35TH ST	MOORE	73160	CLEVELAND	F	P	03/17/11
	Contact: MIKE MARSHALL	Mailing Addr: 808 NW 35TH ST, MOORE, OK 73160						

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Report run on: June 20, 2011 8:50 AM  
 Report Title: 06h\_notifiers\_list\_v5.rdf

State of: OKLAHOMA

EPA-ID	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY/ PARISH	ST GGR EER N N	T O O A P P N T S D E	L R E D N R D D A T E
OKR000013979	METER CHECK INC Contact: MARK VANDIVER	3501 S I-35 SERVICE RD Mailing Addr: PO BOX 7736, MOORE, OK 73153	MOORE	73160	CLEVELAND	3	Y P P	11/12/99
OKD047999396	MIH INDUSTRIES, INC. Contact: VIC L MARIANO JR	2400 S. BROADWAY Mailing Addr: 2400 S. BROADWAY, MOORE, OK 73160	MOORE	73160	CLEVELAND	Y	P P P	03/26/08
OKD987084076	MOORE PRINTING INC Contact: KENNETH GUNTER	604 S. CLASSEN Mailing Addr: 604 S CLASSEN, MOORE, OK 73160	MOORE	73160	CLEVELAND	3	P	06/14/93
OKD077335206	MOORE PUBLIC SCHOOLS Contact: ROGER PRYOR	1500 SE 4TH Mailing Addr: 1500 SE 4TH, MOORE, OK 73160	MOORE	73160	CLEVELAND	6	S S	10/27/94
OKD065423071	OKLAHOMA TANK SERVICE INC Contact: WILL HIGGINSBOTHAM	3401 S I-35 & SERVICE RD Mailing Addr: PO BOX 94281, OKLAHOMA CITY, OK 73143	MOORE	73153	CLEVELAND	6		01/06/81
OKD020728713	PAT'S INSULATION Contact: JOHN LIVENGOOD	10005 S SHIELDS Mailing Addr: 10005 S SHIELDS, MOORE, OK 73160	MOORE	73160	CLEVELAND	6	P	03/24/81
OKD987094810	PHILLIPS PETRO CO SS#26289 Contact: THOMAS KOSEL	803 N MOORE Mailing Addr: PO BOX 2400, BARTLESVILLE, OK 74005	MOORE	73160	CLEVELAND	7	P P	04/11/00
OKD987068905	PRECIOUS METALS ETC Contact: HAROLD GARRETT	612 NE 15TH ST Mailing Addr: 612 NE 15TH ST, MOORE, OK 73160	MOORE	73160	CLEVELAND	7	P P	01/20/95
OKD987097359	SOUTHGATE CLEANERS Contact: ASHOK PATEL	437 S TELEPHONE RD Mailing Addr: 437 S TELEPHONE RD, MOORE, OK 73160	MOORE	73160	CLEVELAND	3	P	04/02/93
OKD000749556	SUN GAS CO MOORE WAREHOUSE 919 Contact: HK KELLER	2701 TELEPHONE ROAD Mailing Addr: 2525 NW EXPRESSWAY, OKLAHOMA CITY, OK 73112	MOORE	73153	CLEVELAND	6		08/14/80
OKD000726588	SUNOCO SERVICE STATION MOORE Contact: KAREL BECKERS	101 NW 27 Mailing Addr: 101 NW 27, MOORE, OK 73160	MOORE	73160	CLEVELAND	6	P	08/18/80
OKR000021733	TILLISON CABINET SHOP Contact: JEANNETTE PENNINGTON	137 SE 4TH ST Mailing Addr: 918 113TH ST, ARLINGTON, TX 76011	MOORE	73160	CLEVELAND	3	Y I I P	08/17/08
OKD981605728	UNIT DRILLING CO MOORE YARD Contact: EMARIE LAMBOEN	425 NE 27TH Mailing Addr: PO BOX 6679, MOORE, OK 73160	MOORE	73160	CLEVELAND	8	P	08/17/86
OKR000016246	WAL-MART NEIGHBORHOOD MARKET # Contact: CHRIS STEWART	640 SE 4TH ST Mailing Addr: PO BOX 8041, BENTONVILLE, AR 72712	MOORE	73160	CLEVELAND	3	P P P	11/10/10
OKR000000935	WAL-MART SUPERCENTER # 277 Contact: CHRIS STEWART	501 SW 19TH ST Mailing Addr: PO BOX 8041, BENTONVILLE, AR 72712	MOORE	73160	CLEVELAND	2	P P P	11/10/10
OKR000003020	WENTHERFORD SURE SHOT Contact: DARRELL ROBINSON	214-A 12TH ST Mailing Addr: PO BOX 899, PEARLAND, TX 77586	MOORE	73160	CLEVELAND	6	P	01/28/97
OKR000020875	IRON AGE OIL TRANSFER Contact: GARY B MOORE	12900 KEARNS Mailing Addr: 12900 KEARNS, NEWALLA, OK 74857	NEWALLA	74857	CLEVELAND		P P P	02/23/06

RCRA NOTIFIERS LISTING  
Source: USEPA RCRAInfo Database

Report run on: June 20, 2011 8:50 AM  
Report Title: oeh\_notifiers\_11et\_v5.rdf

State of: OKLAHOMA

EPA-ID	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY/ PARISH	S G E M	T R A N	L O O P T S D E F	O O A N E D	RECEIVED DATE
OKD980598254	AMERICAN TEL & TEL CO LONG LIN Contact: DENNI CLEVELAND	RR2 BOX 49 I441610 Mailing Addr: 811 MAIN STREET ROOM 939, KANSAS CITY, MO 64141	NOBLE	73068	CLEVELAND	6		P		04/15/81
OKD062268198	AWARD DESIGN MEDALS Contact: WENDELL HAMILTON	1002 HAMILTON DR Mailing Addr: PO BOX 1170, NOBLE, OK 73068	NOBLE	73068	CLEVELAND	7		P		08/13/01
OKD060775335	ENCORE Contact: JUSTIN H CHAN	1600 N MAIN Mailing Addr: 111 CLOVERLEAF DR, WINSTON SALEM, NC 27103	NOBLE	73068	CLEVELAND	4		P P P		02/11/05
OKD000033944	LEGACY CONVERSIONS INC Contact: MIKE CHRISTIAN	1100 N HWY 77 Mailing Addr: 1100 N HWY 77, NOBLE, OK 73068	NOBLE	73068	CLEVELAND	7		P O		10/20/93
OKD982553273	MB OILFIELD SVC Contact: BILL SNADERS	HWY 77 3M S Mailing Addr: PO BOX 659, NOBLE, OK 73068	NOBLE	73068	CLEVELAND	6		P		07/15/88
OKD980508154	NOBLE TOWN OF Contact: UNKNOWN UNKNOWN	UNKNOWN Mailing Addr: PO BOX 557, NOBLE, OK 73068	NOBLE	73068	CLEVELAND	6				06/24/80
OKR00003293	SET ENVIRONMENTAL OF OKLA INC Contact: JOM DYSINGER	1100 N MAIN Mailing Addr: 1100 N MAIN, NOBLE, OK 73068	NOBLE	73068	CLEVELAND	2		P P P		06/30/08
OKD00043630	ACTION PRINTING OF NORMAN INC Contact: STEVE LINDSAY	3400 CHARLESTON RD Mailing Addr: 3400 CHARLESTON RD, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	2		P		07/08/94
OKR00003390	ALCON MFG LLC Contact: JEFF COLE	2801 TECHNOLOGY PL Mailing Addr: 2801 TECHNOLOGY PL, NORMAN, OK 73071	NORMAN	73071	CLEVELAND	2		P P P		03/11/08
OKR00008474	ALL NIGHT AUTO Contact: JAMES C BRUNSON	1121 RAMBLING OAKS DR Mailing Addr: 1121 RAMBLING OAKS DR, NORMAN, OK 73072	NORMAN	73072	CLEVELAND	3		P P P		12/13/04
OKD987071131	AMERICAN ENVIRONMENTAL SVCS Contact: DAVID TORRENCE	121 W MAIN ST STE 200 Mailing Addr: PO BOX 1542, NORMAN, OK 73070	NORMAN	73069	CLEVELAND	7		P		05/23/90
OKD982551418	AMERICAN ENVIRONMNL SVCS Contact: DAVID TORRENCE	201 S CREEKDALE #113 Mailing Addr: 201 S CREEKDALE #113, NORMAN, OK 73072	NORMAN	73072	CLEVELAND	7		P		05/20/88
OKD980598379	AMERICAN TEL & TEL CO LONG LIN Contact: DENNI CLEVELAND	HWY 62 3.1M S Mailing Addr: 811 MAIN STREET ROOM 939, KANSAS CITY, MO 64141	NORMAN	73071	CLEVELAND	6		P		04/15/81
OKD987084589	ARVINE PIPE & SUPPLY CO INC Contact: RON ARVINE	1708 TOPEKA DR Mailing Addr: 1708 TOPEKA DR, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3		P		07/25/91
OKD094774882	ASTELLAS PHARMA TECHNOLOGIES I Contact: JEFFREY D COLLINS	3400 12TH AVE SE Mailing Addr: 3300 MARSHALL AVE, NORMAN, OK 73072	NORMAN	73071	CLEVELAND	2		P P P		03/08/05
OKD987095692	ATWOODS Contact: DAVE MCKEE	1719 24TH AVE SW Mailing Addr: PO BOX 419466, KANSAS CITY, MO 64141	NORMAN	73072	CLEVELAND	3		P		09/12/08
OKR000020933	AUTO ACCESSORIES UNLIMITED Contact:	3451 N. FLOOD Mailing Addr:	NORMAN	73069	CLEVELAND					04/04/06

**RCRA NOTIFIERS LISTING**  
 Source: USEPA RCRAInfo Database

State of: OKLAHOMA

EPA-ID	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY/ PARISH	ST G R E E N N	O O P P T S D F	A A R R N E D	RECEIVED DATE
OKD124018722	AUTO CRAFT BO/SH INC Contact: JEFF DEAN	3218 DELORIS DRIVE Mailing Addr: 3218 DELORES DR, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	P		06/30/86
OKR000024216	BEACH CLUB THE Contact: SHANE CHRISTIE	3700 W ROBINSON SUITE 128 Mailing Addr: 3700 W ROBINSON SUITE 128, NORMAN, OK 73072	NORMAN	73072	CLEVELAND	3	P P		05/18/09
OKD987096690	BENEFICIAL AUTO PAINT/BODY Contact: DAVID GYLES	3205 DELORIS DR Mailing Addr: 3205 DELORIS DR, NORMAN, OK 73072	NORMAN	73072	CLEVELAND	7	P		01/05/93
OKR000023788	BIG O TIRES # 36041 Contact: DAVID ZOLNOWSKI	1471 E ALAMEDA Mailing Addr: 823 DONALD ROSS RD, JUNO BEACH, FL 33408	NORMAN	73071	CLEVELAND	3	P P P		10/23/09
OKD981153232	BIO CIDE INTERL INC Contact: JAMES RINGO	2650 VENTURE DR Mailing Addr: PO BOX 722170, NORMAN, OK 73070	NORMAN	73069	CLEVELAND	6	P		02/19/86
OKD0333001736	BOB MOORE OF NORMAN Contact: PAUL MAGGIA	2505 W MAIN Mailing Addr: 2505 W MAIN, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	P P P		03/25/03
OKR000014225	BODY WORKS INC Contact: RCM SHORT	2590 BOARDWALK Mailing Addr: 2590 BOARDWALK, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	P P		02/07/02
OKD987069895	CAROUSEL PRINTING Contact: BRENT MCCUTCHEEN	566 BUCHANAN Mailing Addr: 566 BUCHANAN, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	P O		04/27/98
OKD987088796	CENTRAL TRUCK SVC INC Contact: JACK HARGIS	I-35 & HWY 9 E Mailing Addr: PO BOX 5126, NORMAN, OK 73070	NORMAN	73070	CLEVELAND	7	P		05/08/92
OKD982560195	COMBINED SUPPORT MAINTENANCE S Contact: CALVIN KOONCE	1208 THUNDERBIRD Mailing Addr: 1208 THUNDERBIRD, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	S S		03/21/96
OKD981590144	COMET CLEANERS Contact: SURESH NAIK	3750 W MAIN Mailing Addr: 3750 W MAIN, NORMAN, OK 73072	NORMAN	73072	CLEVELAND	3	P		09/02/86
OKD007197940	COORS TECHNICAL CERAMICS CO Contact: CHRIS NELSON	450 24TH AVE NW Mailing Addr: 450 24TH AVE NW, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	P		08/18/80
OKD981898703	CROWN CLEANERS Contact: TG PATEL	1959 W LINDSEY Mailing Addr: 1959 W LINDSEY, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	P P		03/21/01
OKD982561771	DESIGN GRAPHICS Contact: JD KERR	117 CRAWFORD AVE Mailing Addr: 2108B RESEARCH PARK BLVD, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	P		06/15/05
OKD0000057984	DILLARDS SOONER FASHION MALL Contact: CORAL HAUN	3499 W MAIN Mailing Addr: 3499 W MAIN, NORMAN, OK 73072	NORMAN	73072	CLEVELAND	3 5	P P P		09/25/08
OKD982293300	DOLPHIN PRODUCTIONS Contact: ROBERT-E FIELDS	3720 CLASSEN BLVD Mailing Addr: 1103 MAGUIRE, NOBLE, OK 73068	NORMAN	73071	CLEVELAND	7	P O		01/04/88
OKD980874895	DUNNAM WASTE OIL Contact: CLARENCE DUNNAM	920 HUNTINGHORSE TRL Mailing Addr: 920 HUNTINGHORSE TRL, NORMAN, OK 73071	NORMAN	73071	CLEVELAND	7	P O		06/19/84

**RCRA NOTIFIERS LISTING**  
Source: USEPA RCRAInfo Database

Report run on: June 20, 2011 8:50 AM  
Report title: 06h\_notifiers\_list\_v5.rdf

Page: 40

State of: OKLAHOMA

EPA-ID	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY/ PARISH	S G E N N	T R E N T	O O A W F E N	R E C E I V E D	D A T E
OKD07127672	EFFCO STARTER DRIVES INC Contact: EFFIE BRUEHL	17602 S SUNNYLANE Mailing Address: 17602 S SUNNYLANE, NORMAN, OK 73071	NORMAN	73071	CLEVELAND	3	Y	P	F	03/21/00
OKD089101034	ENERGY ANALYSTS INC Contact: DWIGHT-B PFENNING	2001 PRIESTLEY AVE Mailing Address: PO BOX 1506, NORMAN, OK 73070	NORMAN	73069	CLEVELAND	6		P		11/10/87
OKD982563223	ENTEK CORP Contact: A-GEORGE DANNEHL	3106 BROCE DR Mailing Address: 3106 BROCE DR, NORMAN, OK 73072	NORMAN	73072	CLEVELAND	3		P		02/15/89
OKD057703043	FERGUSON BUICK GMC LLC Contact: BOBBY NICHOLS	1015 INTERSTATE DR. Mailing Address: 1015 INTERSTATE DR., NORMAN, OK 73069	NORMAN	73069	CLEVELAND	2		P	F	08/16/10
OKD987068764	FERGUSON BODY & PAINT CNTR Contact: RUSSELL DAVIS	3101 DELORES DR Mailing Address: 1015 N INTERSTATE DR, NORMAN, OK 73069	NORMAN	73072	CLEVELAND	2		P	F	01/14/08
OKK000943233	FERGUSON DODGE Contact: JOHNNY LYONS	481 N INTERSTATE DR Mailing Address: 481 N INTERSTATE DR, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7		P	F	04/28/04
OKK000139329	FIRESTONE MASTER CARE Contact: KEN WEST	566 W MAIN ST Mailing Address: 566 W MAIN ST, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7		P	F	04/23/03
OKD981150873	FISHERS BODY SHOP INC Contact: TONYA GILES	615 HIGHLAND PKWY Mailing Address: 531 HIGHLAND PKWY, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3		P		01/15/86
OKR000018283	FLATE BODY WORKS Contact: ALAN HANEY	1900 INDUSTRIAL BLVD Mailing Address: 128 NE 1ST, MOORE, OK 73160	NORMAN	73069	CLEVELAND	2		P	F	02/21/03
OKD096143417	FLYNT MINING CO INC Contact:	3429 CHARLESTON ROAD Mailing Address: 3429 CHARLESTON RD., NORMAN, OK 73069	NORMAN	73069	CLEVELAND				F	03/05/91
OKD981512304	FORMER ALLARD CLEANERS Contact: JAMES-B ALLARD	305 E MAIN ST Mailing Address: 305 E MAIN ST, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7		P		03/21/08
OKD058305541	FORMER BROCE CONST Contact: GEORGE CONKLIN	3400 BROCE CT Mailing Address: 2745 BROCE DR, NORMAN, OK 73072	NORMAN	73070	CLEVELAND	7		P		06/16/10
OKD065447211	FORMER FOWLER TOYOTA Contact: MR COMPTROLLER	955 N INTERSTATE DR. Mailing Address: 955 N INTERSTATE DR., NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7		P		08/20/09
OKR000023077	FORMER SOUTHWEST NANO TECHNOLO Contact: JOSEPH W BRETZ	2360 INDUSTRIAL BLVD Mailing Address: 2360 INDUSTRIAL BLVD, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7		P	F	08/11/08
OKR000003392	FORMER STORM PLASTICS INC Contact: RICHARD STORM	RURAL ROUTE 1 BOX 110-A Mailing Address: PO BOX 720305, NORMAN, OK 73070	NORMAN	73069	CLEVELAND	7		P	F	08/25/09
OKR000020693	FORMER TARGET STORE #0046 Contact: JENNIFER R RYMANOWSKI	2417 W MAIN ST Mailing Address: 33 S 6TH ST CC-3425, MINNEAPOLIS, MN 55402	NORMAN	73069	CLEVELAND	7		P	F	10/16/06
OKD03001835	FORMER THUNDERBIRD IMPORTS LTD Contact: DAN WINTERS	3600 W MAIN Mailing Address: PO BOX 1128, NORMAN, OK 73070	NORMAN	73070	CLEVELAND	7		P		08/25/09

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State of: OKLAHOMA

EPA-ID	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY/ PARISH	ST GG RR E E N N N	OPER W K P N	RECEIVED DATE
OK612009910	FORMER US AVIATION FIXED WING Contact: JIM HALL	2332 GODDARD AVE Mailing Addr: 2332 GODDARD AVE, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	P	08/25/09
OKD982293664	FOWLER HONDA Contact: JIM GOOLSBY	617 N INTERSTATE DR Mailing Addr: 617 N INTERSTATE DR, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	2	P	01/12/09
OKD039759220	FOX COLLISION Contact: RONALD D QUINTON	1527 SW 24TH Mailing Addr: 1527 SW 24TH, NORMAN, OK 73072	NORMAN	73072	CLEVELAND	7	P	09/06/07
OKD149983645	GOODYEAR AUTO SERVICE CENTER Contact: TC LESSMAN	127 W MAIN Mailing Addr: 4229 ROYAL AVE., OKLAHOMA CITY, OK 73108	NORMAN	73069	CLEVELAND	7	P	10/31/86
OKD981512312	GRIFFIN MEMORIAL HOSP Contact: VERONICA JONES	900 E MAIN ST & STATE DR Mailing Addr: PO BOX 151, NORMAN, OK 73070	NORMAN	73070	CLEVELAND	3	S	02/03/09
OKD987095296	HMM & PHILLIPS SVC CO Contact: TOM WATSON	HWY 9E I-35 ACCESS RD Mailing Addr: PO BOX 722108, NORMAN, OK 73070	NORMAN	73070	CLEVELAND	7	P	08/19/92
OKD987097102	HENKELS & MCCOY Contact: FRANK LAMERSON	HWY 9 1M W OF I-35 Mailing Addr: PO BOX 720250, NORMAN, OK 73070	NORMAN	73072	CLEVELAND	3	P	06/27/95
OKR00006478	HILDON TIRES PLUS Contact: JULIE BARBER	501 N INTERSTATE DRIVE Mailing Addr: 501 N INTERSTATE DRIVE, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	P	12/20/04
OKD982289217	HITACHI COMPUTER PRODUCTS INC Contact: BOBBY BLANSETT SR	1800 E IMHOFF RD Mailing Addr: PO BOX 1203, NORMAN, OK 73070	NORMAN	73071	CLEVELAND	2	P	04/17/01
OKD070836887	HOBBY TOWN Contact: PAT FULLER	2272 W MAIN Mailing Addr: 2272 W MAIN, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	6	P	07/22/09
OKR000019844	HOME DEPOT USA #3906 Contact: JORGE GOMEZ	850 ED NOBLE PKWY Mailing Addr: 5151 SAN FELIPE ST, HOUSTON, TX 77056	NORMAN	73072	CLEVELAND	2	P P	02/27/09
OKD987071727	INNOVATIVE ACCESSORIES INC Contact: JAMIE NETT	3209 BROCE DR Mailing Addr: 3209 BROCE DR, NORMAN, OK 73070	NORMAN	73070	CLEVELAND	6	P	07/30/90
OKD065435109	JACKIE COOPER BUICK-WAZDA Contact: BOB WHALEN	333 INTER STATE DR NORTH Mailing Addr: 333 INTERSTATE DR NORTH, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	6	P	01/15/86
OKD987079910	JOHNYS CHAR GRILL Contact: LEONARD DENHAM	1230 W MAIN ST Mailing Addr: 701 N WESTERN AVE, OKLAHOMA CITY, OK 73106	NORMAN	73069	CLEVELAND	6	P	07/22/09
OKD987084449	KOCH MATERIALS CO Contact: CRAIG BURT	450 ATKINS HILL RD Mailing Addr: PO BOX 720087, NORMAN, OK 73070	NORMAN	73069	CLEVELAND	6	P	02/12/98
OKD987094802	KWICK KAR Contact: BETH EISENMANN	2400 W MAIN Mailing Addr: 1306 E PEAKVIEW, CENTENNIAL, CO 80111	NORMAN	73069	CLEVELAND	3	P P	07/22/09
OKD981604798	LEON PIERCE BODY REPAIRS Contact: WINDELL L PIERCE	521 N. PORTER Mailing Addr: 521 N PORTER, NORMAN, OK 73071	NORMAN	73071	CLEVELAND	3	P P	02/11/10

Report run on: June 20, 2011 8:50 AM  
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EPA-ID	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY/ PARISH	ST	OPER	OWN	RECEIVED
						TSDF	NRD	DATE	
OKD981905615	LORMAR RECLAMATION SERVICE LLC	2845-D BROCE DR.	NORMAN	73072	CLEVELAND	P	P	01/22/03	
	Contact: G NICHOLAS PICEK	Mailing Addr: 2845-D BROCE DR.,	NORMAN, OK 73072						
OK0000451179	LWM	201 24TH AVE NW	NORMAN	73069	CLEVELAND	P	P	06/17/09	
	Contact: JOE JOHNSON	Mailing Addr: 2505 W MAIN ST,	NORMAN, OK 73069						
OKD987093663	MALDEN PRECISION INC	3500 CHARLESTON RD	NORMAN	73069	CLEVELAND	P	P	06/16/92	
	Contact: JAMES MADDEN	Mailing Addr: PO BOX 336,	NORMAN, OK 73070						
OKD062282249	MARC HEITZ CHEVROLET	2424 W MAIN	NORMAN	73069	CLEVELAND	P	P	02/21/02	
	Contact: KEN BRINLEE	Mailing Addr: 2424 W MAIN,	NORMAN, OK 73069						
OKD033000837	MCCOY TREE SURGERY CO	3201 BROCE DRIVE	NORMAN	73070	CLEVELAND	P	P	07/26/80	
	Contact: VIRGINIA FRITCH	Mailing Addr: PO BOX 817,	NORMAN, OK 73070						
OKR00002485	MID-CONTINENT TRUCK SALES INC	891 W ADKINS HILL RD	NORMAN	73072	CLEVELAND	P	P	10/17/00	
	Contact: SHERRI PREVOST	Mailing Addr: 891 W ADKINS HILL RD,	NORMAN, OK 73072						
OKD981151897	MOORE-NORMAN AREA VO-TECH CTR	4701 12TH AVE NW	NORMAN	73069	CLEVELAND	S	P	04/15/96	
	Contact: SAM KERR	Mailing Addr: 4701 12TH AVE NW,	NORMAN, OK 73069						
OKD987071537	NORMAN COLLISION RPR	2380 INDL BLVD	NORMAN	73069	CLEVELAND	P	P	07/10/90	
	Contact: DENNIS GATHIN	Mailing Addr: 2380 INDL BLVD,	NORMAN, OK 73069						
OKD982560229	NORMAN PUBLIC SCHOOLS	4100 N FLOOD	NORMAN	73069	CLEVELAND	S	S	02/17/09	
	Contact: ELBERT STEELY	Mailing Addr: 4100 N FLOOD,	NORMAN, OK 73069						
OKD987096419	NORMAN PUBLIC SCHOOLS	425 12TH AVE NE	NORMAN	73071	CLEVELAND	S	S	04/07/09	
	Contact: DELBERT D POTTS	Mailing Addr: 425 12TH AVE NE,	NORMAN, OK 73071						
OKD074278896	NORMAN REGIONAL HOSPITAL	901 N PORTER	NORMAN	73071	CLEVELAND	M	M	04/09/86	
	Contact: OTIS GAYWOOD	Mailing Addr: 901 N PORTER,	NORMAN, OK 73071						
OKD981915291	NORMAN TRANSCRIPT	215 E COMANCHE ST	NORMAN	73069	CLEVELAND	P	P	05/21/87	
	Contact: JIM MILLER	Mailing Addr: PO BOX 1058,	NORMAN, OK 73070						
OKD987083607	NORMAN WINNELSON	2015 INDUSTRIAL BLVD	NORMAN	73069	CLEVELAND	P	P	08/19/09	
	Contact: FRED REID	Mailing Addr: 2015 INDUSTRIAL BLVD,	NORMAN, OK 73069						
OKD987071214	CG & E ELECTRIC SVCS	3101 36TH AVE NW	NORMAN	73070	CLEVELAND	P	P	10/30/95	
	Contact: DENNIS DUNKELGOD	Mailing Addr: PO BOX HI,	NORMAN, OK 73070						
OKD980508261	OKLAHOMA DAILY THE	860 VAN VLEET	NORMAN	73069	CLEVELAND	P	P	08/15/80	
	Contact: FRED-W WEDDLE	Mailing Addr: 860 VAN VLEET,	NORMAN, OK 73069						
OKD007906027	OKLAHOMA ELECTRIC COOP	242 24TH AVE NW	NORMAN	73069	CLEVELAND	P	P	12/07/06	
	Contact: JAMES LONG	Mailing Addr: PO BOX 1208,	NORMAN, OK 73070						
OKR000007070	PLASTIC LORES INC	601 BURR OAK ROAD	NORMAN	73072	CLEVELAND	P	P	04/26/00	
	Contact: THOMAS WHINERY	Mailing Addr: PO BOX 720175,	NORMAN, OK 73070						

ST OOA  
 GGR OPER WPN RECEIVED  
 ENN TSDF NRD DATE

**RCRA NOTIFIERS LISTING**  
Source: USEPA RCRAInfo Database

Report run on: June 20, 2011 8:50 AM  
Report Title: 06f\_notifiers\_list\_v5.rdf

State of: OKLAHOMA

EE R ID	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY/ PARISH	S T G G R E E A N N N	O O A O P E R T S E F	W P F N N E E D	R E C E I V E D D A T E
OKD981157407	PROGRESSIVE ENVIRONMENTAL MGT Contact: MARK FUCHS	1833 ATCHISON Mailing Addr: 224 W GRAY STE 204, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	P	03/20/86	Phone: 4053213931
OKR00017129	READNOUR ENVIRONMENTAL SERVICE Contact: KEVIN REANDOUR	1025 N UNIVERSITY BLVD Mailing Addr: 1025 N UNIVERSITY BLVD, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	6	P F F	03/17/03	Phone: 4053607795
OKR00017038	RENTAL SERVICE CORPORATION Contact: BOB WHITACRE	2900 N INTERSTATE DR Mailing Addr: 6929 E GREENWAY PARKWAY #200, SCOTTSDALE, AZ 85254	NORMAN	73072	CLEVELAND		P	10/29/01	Phone: 4809053342
OKR00015651	RESTORATION STATION Contact: PAT O'NEILL	2352 S CLASSEN Mailing Addr: 2352 S CLASSEN, NORMAN, OK 73069	NORMAN	73069	CLEVELAND		P O	10/05/00	Phone: 405-340-64
OKD033001587	REYNOLDS FORD Contact: KEN HINES	825 N INTERSTATE DR Mailing Addr: 825 N INTERSTATE DR, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	2	P	01/12/09	Phone: 4053212411
OKD981607724	REYNOLDS LINCOLN MERCURY Contact: KENNY HINES	821 N INTERSTATE DR Mailing Addr: 821 N INTERSTATE DR, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	P	03/21/00	Phone: 4053212411
OKK310099815	RIVERSIDE OFFICE COMPLEX Contact: HAYS KINSELOW	2600 VAN BUREN Mailing Addr: 2600 VAN BUREN, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	6	P	02/06/09	Phone: 5017717859
OKD980624597	S D BOWEN TRANSPORTER Contact: SHERMAN-D BOWEN	2416 WYANDOTTE HWY Mailing Addr: 2416 WYANDOTTE HWY, NORMAN, OK 73071	NORMAN	73071	CLEVELAND		P O	05/15/81	Phone:
OKD987098126	SMS CLUB # 4761 Contact: CHRIS STEWART	3400 W MAIN ST Mailing Addr: PO BOX 8041, BENTONVILLE, AR 72712	NORMAN	73072	CLEVELAND	2	P P P	11/10/10	Phone: 4792040402
OKY410010888	SEARS ROEBUCK COMPANY Contact: BILL ZINCK	3201 W MAIN Mailing Addr: 3201 W MAIN, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	6	P	06/02/81	Phone: 4057556800
OKD033001876	SHARPS CLEANERS Contact: OTTIS SHARP	1704 W LINDSEY Mailing Addr: 1704 W LINDSEY, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	P	06/09/99	Phone: 4053293434
OKD045352374	SHERWIN WILLIAMS CO Contact: TERRY MORS	562 W MAIN STREET Mailing Addr: DOWNTOWN SHEG CENTER, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	6	P	08/18/80	Phone: 2165663096
OKR000023689	SOUTHWEST NANOTECHNOLOGIES INC Contact: LARRY WALLACE	2501 TECHNOLOGY PL Mailing Addr: 2501 TECHNOLOGY PL, NORMAN, OK 73071	NORMAN	73071	CLEVELAND	2	O P P	02/09/10	Phone: 4052179388 111
OKD007188097	SOUTHWESTERN WIRE Contact: DAVID J WEINAND	3505 NORTH I-35 Mailing Addr: P.O. BOX CC, NORMAN, OK 73070	NORMAN	73069	CLEVELAND	1	P P P	11/16/10	Phone: 4054476900
OKD987084324	SPECTRUM PAINTS Contact: BOB HOLCOMB	2443 W MAIN ST Mailing Addr: 2443 W MAIN ST, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	P	08/25/09	Phone: 4053212291
OKR000024182	SUN SPA Contact: DARLA J BOCKNER	1352 N INTERSTATE DR Mailing Addr: 1352 N INTERSTATE DR, NORMAN, OK 73072	NORMAN	73072	CLEVELAND	3	P P P	03/25/09	Phone: 4053604100
OKD000726596	SUNOCO SERVICE STATION NORMAN Contact: KARL BECKERS	1801 W LINDSEY Mailing Addr: 1801 W LINDSEY, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	6	P	08/18/80	Phone: 3148784810

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 Report Title: 06h\_notifiers\_list\_w5.rdf

**RCRA NOTIFIERS LISTING**  
 Source: USEPA RCRAInfo Database

State of: **OKLAHOMA**

RCRA ID	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY/ PARISH	ST GCR EFA MNN	OPER WPN TSDF NED	RECEIVED DATE	PHONE
OKR000021311	TARGET STORE # 2220 Contact: JENNIFER R RYANOWSKI	1400 24 AVE NW Mailing Address: PO BOX 111, MINNEAPOLIS, MN 55440	NORMAN	73069	CLEVELAND	3	P P P	02/26/07	Phone: 6123044417
OKR987086873	TEXAS TOWERS Contact: DEAN PERKINS	2720 CLASSEN BLVD Mailing Address: 2720 CLASSEN BLVD, NORMAN, OK 73071	NORMAN	73071	CLEVELAND	3	P	06/18/10	Phone: 4053642900
OKR020731006	THUNDERBIRD INDUSTRIES INC Contact: NAVIN-J GAJJAR	1040 ROCK CREEK ROAD Mailing Address: PO BOX 1390, NORMAN, OK 73070	NORMAN	73069	CLEVELAND	6	P	07/21/80	Phone: 4053648854
OKR000003319	TODAY CLEANERS Contact: PHIL REDWINE	1404 W LINDSEY Mailing Address: 1404 W LINDSEY, NORMAN, OK 73072	NORMAN	73072	CLEVELAND	3	P P	06/15/05	Phone: 4053295011
OKR980867253	TOWE & REYNOLDS COMPANY Contact: HD REYNOLDS	I-35 & ADKINSON HILL ROA Mailing Address: PO BOX 535, NORMAN, OK 73070	NORMAN	73069	CLEVELAND	7	P	10/24/83	Phone: 4053217998
OKR000002329	TRANSCRIPT PRESS Contact: TOM HODGE	222 E EUFAULA Mailing Address: 222 E EUFAULA, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	P P	01/28/97	Phone: 4053607999
OKR102402716	TRAVIS CHRYSLER PLYMOUTH Contact: BRAD MULKEY	201 NW 24TH AVE Mailing Address: 551 N INTERSTATE DR, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	P	04/21/88	Phone: 4053295770
OKR000401893	UNIV OF OK PRINT SVCS Contact: STEVE MCKINZEY	1005 ASP AVE Mailing Address: 1005 ASP AVE, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	6	S	08/15/80	Phone: 4053254176
OKR980627046	UNIV OF OKLA CEES LAND TRT RES Contact: LEALE-E STREEBIN	N BASE CAMPUS UNIV OF OK Mailing Address: CEES 202 W BOYD CARSON ENG CTR, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	S P	08/25/09	Phone: 4053255911
OKR980627236	UNIVERSITY OF OKLAHOMA THE Contact: THOMAS A BURKETT	LAWRENCE AND CONGRESS Mailing Address: 350 DAVID L. BOREN BLVD., 1800, NORMAN, OK 73019	NORMAN	73072	CLEVELAND	1	P P P	06/28/10	Phone: 4053232212
OKR210022032	US ARMY RESERVE CENTER Contact: HAYS KINSLOW	1625 WESTHEIMER DR Mailing Address: 1625 WESTHEIMER DR, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	P	07/18/95	Phone: 5017717859
OKR210022945	USARC JOE A. SMALLEY Contact: JAMES WHEELER	1507 LINDSEY Mailing Address: 1507 LINDSEY, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	P F	10/01/03	Phone: 8005011493 7992
OKR000004606	USPFO MAINTENANCE SUPPLY BR Contact: CURTIS LEE	3745 THUNDERBIRD ST Mailing Address: 3745 THUNDERBIRD ST, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	2	S S	08/20/98	Phone: 4053217909
OKR982228223	USPFO MAINTENANCE SUPPLY BRANC Contact: DEONICIO PENA	1232 THUNDERBIRD Mailing Address: 1232 THUNDERBIRD, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	S	10/29/96	Phone: 4053210619
OKR000002758	USPFO-MAINTENANCE SUPPLY BRANC Contact: CURTIS LEE	1000 W ROCK CREEK RD Mailing Address: 1000 W ROCK CREEK RD, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	P P	10/29/96	Phone: 4053210619
OKR987083243	USPS - NATIONAL CENTER EMPLOYE Contact: STEVE MOISER	2701 E IMHOFF Mailing Address: 2701 E IMHOFF, NORMAN, OK 73070	NORMAN	73070	CLEVELAND	3	F P P	02/10/03	Phone: 4053664301
OKR180099826	USPS - NORMAN AUTO TRAINING FA Contact: STEVE MOISER	2320 NEWTON Mailing Address: 2701 E IMHOFF ROAD, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	S F P	02/10/03	Phone: 4053664301

**RCRA NOTIFIERS LISTING**  
Source: USEPA RCRAInfo Database.

Report run on: June 20, 2011 8:50 AM  
Report Title: 06h\_notifiers\_list\_v5.tdf

State of: OKLAHOMA

EPA-ID	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY/ PARISH	ST EG NN	L O A O P N R D	R E C E I V E D D A T E
OKS180300001	USPS - NORMAN MAINTENANCE TECH	600 ROCK CREEK RD Mailing Addr: PO BOX 1600, NORMAN, OK 73070	NORMAN	73069	CLEVELAND	6	F P P	02/10/03 Phone: 4055732411
OKR000013474	WAL-MART SUPERCENTER # 212	333 INTERSTATE DR Mailing Addr: PO BOX 8041, BENTONVILLE, AR 72712	NORMAN	73069	CLEVELAND	2	P P P	11/10/10 Phone: 4792040402
OKR000007104	WAL-MART SUPERCENTER # 2734	601 NE 12TH AVE Mailing Addr: PO BOX 8041, BENTONVILLE, AR 72712	NORMAN	73071	CLEVELAND	2	P P P	11/10/10 Phone: 4792040402
OKD982757411	WARDS TRANSMISSION SP	306 E MAIN Mailing Addr: 306 E MAIN, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	7	F	04/04/89 Phone: 4053609586
OKD982564528	WISGUDYS	1200 W MAIN ST Mailing Addr: 2001 CORPORATE CNTR DR, NEWBURY PARK, CA 91320	NORMAN	73069	CLEVELAND	3	F	01/14/09 Phone: 8053751100
OKD09472357	YORK INTERNATIONAL CORP	5005 INTERSTATE DR Mailing Addr: 5005 INTERSTATE DR, NORMAN, OK 73069	NORMAN	73069	CLEVELAND	3	P P P	03/22/96 Phone: 4053644040
OKR000023903	APPLIED INDUSTRIAL COATINGS IN	13920 S MERIDIAN AVE Mailing Addr: 13920 S MERIDIAN AVE, OKLAHOMA CITY, OK 73173	OKLAHOMA CITY	73173	CLEVELAND	2	P P P	11/13/08 Phone: 4056922249
OKD987071362	BEST CLNRS	1604 SW 89TH Mailing Addr: 1604 SW 89TH, OKLAHOMA CITY, OK 73159	OKLAHOMA CITY	73159	CLEVELAND	3	F	06/13/90 Phone: 4059490575
OKR000026401	COMPASS MANUFACTURING	11935 S I-44 SERVICE RD Mailing Addr: PO BOX 16918, OKLAHOMA CITY, OK 73154	OKLAHOMA CITY	73173	CLEVELAND	2	P P P	03/30/11 Phone: 4057353518 82225
OKD982305989	MCCLEIN OF OKLAHOMA	4000 SW 113TH Mailing Addr: 4000 SW 113TH, OKLAHOMA CITY, OK 73173	OKLAHOMA CITY	73173	CLEVELAND	2	F	07/01/97 Phone: 4056916311
OKR000017251	SKULLS UNLIMITED INTL INC	10313 S SUNNYLANE RD Mailing Addr: 10313 S SUNNYLANE RD, OKLAHOMA CITY, OK 73160	OKLAHOMA CITY	73160	CLEVELAND	2	P P P	12/12/01 Phone: 4057949300
OKR000016279	WAL-MART NEIGHBORHOOD MARKET #	911 SW 104TH ST Mailing Addr: PO BOX 8041, BENTONVILLE, AR 72712	OKLAHOMA CITY	73139	CLEVELAND	2	F P P	11/10/10 Phone: 4792040402
OKR000023424	WELCHEL ENTERPRISES LLC	11301 S I-44 Mailing Addr: PO BOX 890430, OKLAHOMA CITY, OK 73189	OKLAHOMA CITY	73173	CLEVELAND	3	P P P	06/18/08 Phone: 4056917228
OKR000023432	WELCHEL ENTERPRISES LLC	4000 SW 113 Mailing Addr: PO BOX 890430, OKLAHOMA CITY, OK 73189	OKLAHOMA CITY	73173	CLEVELAND	2	P P P	06/18/08 Phone: 4056917228
OKR000004440	MARK HEITZ	2805 N 9TH ST Mailing Addr: 2805 N 9TH ST, PURCELL, OK 73080	PURCELL	73080	CLEVELAND	3	F P P	06/17/04 Phone: 4052779328
OKD000728915	TEXAS PIPELINE COMPANY	VARIOUS Mailing Addr: PO BOX 42130, HOUSTON, TX 77205	VARIOUS	73000	CLEVELAND	8	P P P	08/18/80 Phone: 7137803850
OKP410178750	COOT PROJ: BEMV-NEIP(413)3B, B	US 62 WEST OVER CRATER Mailing Addr: 1055 N PINELLAS AVENUE, TARPON SPRINGS, FL 34689	CACHE	73527	COMANCHE	4	S S S	05/10/10 Phone: 7279379825

# Oklahoma Corporation Commission Records



25.2. PIT INFORMATION - PIT #2

- A. Type of mud system:        water based;        oil based;        gas based (air drilled)  
 B. Expected mud chloride content: maximum        ppm; average        ppm.  
 C. Type of Pit System:        on-site,        off-site,        closed. If off-site, specify location         
 D. Is depth to top of ground water greater than 10 ft below base of pit?        Y        N  
 E. Within 1 mile of municipal water well?        Y        N  
 F. Wellhead Protection Area        Y        N  
 OFFSITE PIT #

Locate bottom hole location (X) 	29. Bottom Hole Location for Directional Hole: SEC <u>      </u> TWP <u>      </u> RGE <u>      </u> County <u>      </u>						
	SPOT LOCATION: <u>      </u>						
	Measured Total Depth		True Vertical Depth				
	End point location from lease, unit, or property line: <u>      </u>						
30. Bottom Hole Location for Horizontal Hole: (DRAINHOLES) DRAIN HOLE #1: SEC <u>      </u> TWP <u>      </u> RGE <u>      </u> County <u>      </u>							
SPOT LOCATION: <u>      </u>							
Depth of Deviation		Radius of turn		Direction		Total Length	
Measured Total Depth		True Vertical Depth		End point location from lease, unit, or property line: <u>      </u>			
DRAIN HOLE #2: SEC <u>      </u> TWP <u>      </u> RGE <u>      </u> County <u>      </u>							
SPOT LOCATION: <u>      </u>							
Depth of Deviation		Radius of turn		Direction		Total Length	
Measured Total Depth		True Vertical Depth		End point location from lease, unit, or property line: <u>      </u>			

- If more than two drainholes are proposed, attach separate sheet indicating the necessary information.
- Direction must be stated in degrees azimuth.
- Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.

31. AFFIDAVIT FOR ALTERNATIVE CASING PROGRAM  
 (signature on front of this form attests to the affidavit)

- This well (       will        will not) penetrate any known lost circulation zones. (       will        will not) exceed 50 gallons per minute.
- During the drilling of this well, withdrawals from any water well within 1/4 mile (       will        will not) exceed 50 gallons per minute.
- List the following for all water wells within 1/4 mile of this well. (Information concerning some water wells may be obtained from the OKLAHOMA WATER RESOURCES BOARD, P.O. Box 150, Oklahoma City, OK 73101-0150). If no water wells are found, so state:        (ATTACH ADDITIONAL SHEET IF NECESSARY)  
 Name of Owner/Operator        Address of Owner/Operator        Location (Nearest 1/4 1/4 1/4)        Deepest producing interval

- The projected depth of the well (       is        is not) less than 100 feet from the top of any enhanced recovery project or gas storage facility.
- A cement bond log is required to be run and submitted from not less than 100 feet below the base of the treatable water-bearing formation to the surface.
- If casing depth is more than 250 feet deeper than base of the treatable water-bearing formation, operator must submit a letter of request listing reasons and precautions to be taken.

INTENT TO DRILL CHECKLIST APPROVED <u>      </u> REJECTED <u>      </u> J.C. <u>      </u> J.C. <u>      </u> J.C. <u>      </u> J.C. <u>      </u>	OCC USE ONLY 1 SURETY <u>      </u> A. NONE filed B. EXPIRED: Date <u>7/20/99</u> C. OUTSTANDING CONTEMPT/ORDER 2. INTENTS <u>12, 21</u> 3. SPACING 4. GEOLOGY A. SURFACE CASING 1. Insufficient amount, Requires <u>      </u> feet 2. Insufficient Alternate Casing Program 3. No Affidavit Submitted for Alternative Casing Program 4. Reentry requires <u>      </u> feet, only <u>      </u> current. B. UNSPACED: Less than 2500 ft (165') More than 2500 ft (330') Only <u>      </u> ft from N/S and <u>      </u> ft from EW line C. SPACED: SPACING ORDER No. <u>      </u> 1. Square Pattern: 2.5, 10, 40, 160, 640 2. Rectangular pattern: 5, 20, 80, 320 NW/SE or NE/SW 3. Rectangular slot pattern: 5, 20, 80, 320 Prior to 1971 (Y, N) SUI/D D. LOCATION EXCEPTION 1. Surface Hole Location different 2. Bottom Hole Location different E. PENDING APPLICATION: Spacing/Location Exception C.D. No. <u>      </u> H.O.M. DATE <u>      </u> F. OPERATOR NAME DIFFERENT in order No. <u>      </u> Name on order <u>      </u> Location Exception/Increased Density/Pooling G. Increased Density/Location Exception EXPIRED Order Expired: Date <u>      </u> H. Outline Lease or Property Boundary
--	---

11/3/98

OKLA CBPP CORP RECEIPT 991910032  
 Date: 10/30/1998 Time: 12:50  
 Case: 000000000 Cashier: DTR  
 Payor: NORMAN ENERGY CORP  
 Check: 8130  
 \$100.00  
 46 Intent to Dr-111

DO NOT WRITE INSIDE THIS BOX

Attn: Purcell L. Hall

P77-01309

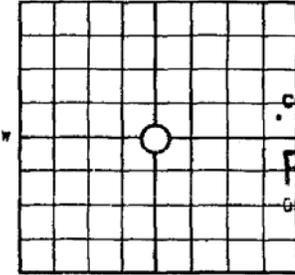
FORM NO: 1003 (1975) REV.  
640 Acres

**RECEIVED**  
OIL AND GAS DIVISION

**PLUGGING RECORD**  
(RULE 3-405)

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

JUN 10 1977



**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.

**RECEIVED**  
OIL AND GAS DIVISION

JUN 13 1977

Company Operating Hunton Oil & Gas Corp.  
Location 5400 N. Brookline, Ok. City 73112  
County Cleveland Sec. 24 Twp. 9N Range 3W  
Location in Section SE SE NE  
Farm Name Franke-OU Well No. 1 Field Norman  
Character of Well (whether oil, gas or dry) Dry (new)  
Commenced Plugging 12-31-76 Finished 12-31-76 Total Depth 9,980'

Was permission obtained from the Corporation Commission or its agents before plugging was commenced Yes  
Name of C.C. Field Inspector Ronald Cossell Perforations: open hole  
Signature of C.C. 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	1200'	None

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:

Set 70 SX Cement plug from 1100' to 1300', set 60 SX cement plug from 100' to 3', cut pipe off welded on steel plate, plugged rathole and mouse hole.

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:  
None

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

Plugging Contractor's Name & Address Halliburton Plugging Permit No. \_\_\_\_\_

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.

[Signature] Vice-Pres.  
Name and title of representative of company

Subscribed and sworn to before me this 8 day of June, 19 77  
My commission expires 7-25-79  
Jennifer Wayne



**Instructions**

- A. Please type or print using black ink.
- B. Form must be signed by former operator and new operator.
- C. Outline boundaries of lease and spot well being transferred.
- D. Attach 1002A for well.
- E. Questions should be directed to Well Records (405) 521-2275.

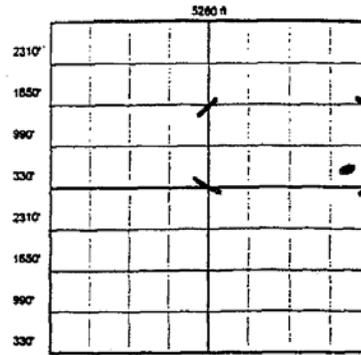
OKLAHOMA CORPORATION COMMISSION  
 Oil & Gas Conservation Division  
 Post Office Box 52000-2000  
 Oklahoma City, OK 73152-2000

904180677

Form 1073  
 Rev. 1996

Transfer of Operator  
 OAC 165:10-1-15

API No. <b>RE 02720236</b>	OTC Prod. Unit No. <b>027-079083</b>
Location 1/4 <b>SE</b> 1/4 <b>SE</b> 1/4 <b>NE</b> 1/4 <b>24</b> Twp. <b>9N</b> Rge. <b>3W</b>	
FT FSL of Qtr Sec <b>470'</b>	FT FWL of Qtr Sec <b>2550'</b> County <b>Cleveland</b>
Current Well Name/No. <b>OU 24-1</b>	
Original Well Name/No.	
Unit Name (if applicable)	



Well Class:  Oil  Gas  Dry  Plugged

Producing formation(s) <b>UNCON-formation</b>	
Oil Transporter/Purchaser <b>TELECO</b>	OTC No. <b>13678</b>
Gas Measure	OTC No.

The effective date of transfer of this well for the purposes of Commission records, is the date the transfer is approved by the Commission.

**CURRENT OPERATOR**

Name <b>R &amp; H, L.L.C.</b>	OCC No. <b>20464-0</b>
Address <b>301 West Main, Suite 600</b>	
City <b>Ardmore</b>	State <b>Okl.</b> Zip <b>73401</b>
Phone No. <b>(580) 226-3960</b>	FAX No. <b>(580) 226-3560</b>
I verify that I am the legal operator of record with authority to transfer operatorship of this well.	
Signature	
Name & Title (Typed or Printed) <b>Harold H. Holden, Manager</b>	
Signed and sworn to before me this <b>12</b> day of <b>April</b> 1999	
Notary Public	
My commission expires: <b>10-13-01</b>	

**NEW OPERATOR**

Name <b>M-B OPERATING CO, INC.</b>	OCC No. <b>19960-0</b>
Address <b>P. O. Box 1266</b>	
City <b>Rockwall</b>	State <b>Tx</b> Zip <b>75087</b>
Phone No. <b>(214) 771-8414</b>	FAX No. <b>(214) 771-8414</b>
Being the new operator, as of the effective date and time of transfer accept the facts presented as being true and correct and accept the operational responsibility for the well on the described property.	
Signature	
Name & Title (Typed or Printed) <b>Mike J. Considine, President</b>	
Signed and sworn to before me this <b>12</b> day of <b>April</b> 1999	
Notary Public	
My commission expires: <b>10-13-01</b>	

I verify under oath that I have exercised due diligence in attempting to locate the current operator of record according to OCC records, who has abandoned the above well/lease and cannot be located to obtain signature. I have attached a copy of the certified recorded assignment of lease.

Signature \_\_\_\_\_

Signed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_

Notary Public

**APR 20 1999**

My commission expires: \_\_\_\_\_

FOR OCC USE ONLY

Surety Dept.  Approved  Rejected

Date **APR 14 1999**

Well Records Dept.  Approved  Rejected

**WDMS**

NOTE: By processing this Form 1073, the Oklahoma Corporation Commission has approved the contents thereof as to form only. Oklahoma Corporation Commission does not warrant that the facts provided by the operator are true. Form is not approved until approved by Well Records.

**Instructions**

- A. Please type or print using black ink.
- B. Form must be signed by former operator and new operator.
- C. Outline boundaries of lease and spot well being transferred.
- D. Attach 1002A for well.
- E. Questions should be directed to Well Records (405) 521-2275.

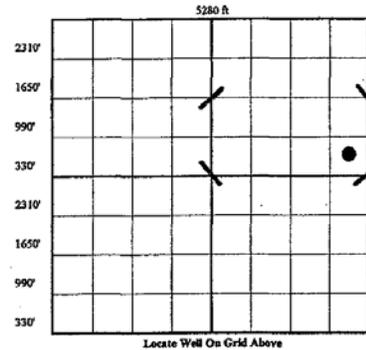
OKLAHOMA CORPORATION COMMISSION  
 Oil & Gas Conservation Division  
 Post Office Box 52000  
 Oklahoma City, OK 73152-2000

109028602

Form 1073  
 Rev. 2001

Transfer of Operator  
 OAC 165:10-1-15

API No.	2720236	OTC Prod. Unit No.	027-079083
Location	1/4 SE 1/4 SE 1/4 NE 1/4	Sec. 24	Twp. 9N Rge. 3W
Ft FSL of Qtr Sec	470	Ft FWL of Qtr Sec	2550
County	Cleveland		
Current Well Name/No.	OU #24-1		
Original Well Name/No.	OU #24-1		
Unit Name (if applicable)			



Locate Well On Grid Above

Well Class:  Oil  Gas  Dry  Plugged

Producing formation(s)	Unconformity		
Oil Transporter/Purchaser	Texaco	OTC No.	13678
Gas Measurer		OTC No.	

The effective date of transfer of this well for the purposes of Commission records, is the date the transfer is approved by the Commission.

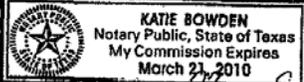
**CURRENT OPERATOR**

Name	M-B Operating Co., Inc.		OCC No.	19960-0
Address	P.O. Box 2266			
City	Rowlett	State	Texas	Zip 75030-2266
Phone No.	(972) 475-1903	FAX No.	(972) 412-4223	
I verify that I am the legal operator of record with authority to transfer operatorship of this well.				
Signature	<i>Mike J. Considine</i>			
Name & Title (Typed or Printed)	Mike J. Considine, President			
Signed and sworn to before me this	23	day of	September	2009
	<i>Katie Bowden</i>			
	Notary Public			
My commission expires:	3/21/2010			

**NEW OPERATOR**

Name	Mewbourne Oil Company		OCC No.	6722
Address	P.O. Box 7698			
City	Tyler	State	Texas	Zip 75711
Phone No.	(903) 561-2900	FAX No.	(903) 561-8909	
Being the new operator, as of the effective date and time of transfer accept the facts presented as being true and correct and accept the operational responsibility for the well on the described property.				
Signature	<i>S. A. Cull</i>			
Name & Title (Typed or Printed)	Sam A. Cull, Senior Landman			
Signed and sworn to before me this	15th	day of	September	2009
	<i>Cheryl Stoltz</i>			
	Notary Public			
My commission expires:	9/12/12			

I verify under oath that I have exercised due diligence in attempting to locate the current operator of record covering to OCC records, who has signed the lease and well records and is the owner of the certified recorded assignment of lease.



*Katie Bowden*  
 Notary Public

**FOR OCC USE ONLY**

Surety Dept.  Approved  Rejected Date **NOV 18 2009** Well Records Dept.  Approved  Rejected **WELL RECORDS APPROVED**

NOTE: By processing this Form 1073, the Oklahoma Corporation Commission has approved the contents thereof as to form only. Oklahoma Corporation Commission does not warrant that the facts provided by the operator are true. Form is not approved until approved by Well Records.



PLEASE TYPE OR USE BLACK INK ONLY  
FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show recoverable cores or dristiam tested.

LEASE NAME O.H. WELL NO. 244

NAMES OF FORMATIONS	TOP	BOTTOM
<i>NO CHANGE</i>		

FOR COMMISSION USE ONLY

APPROVED \_\_\_\_\_ DISAPPROVED \_\_\_\_\_

1) ITD Section \_\_\_\_\_

a) No Intent to Drill on file \_\_\_\_\_

1) Send warning letter \_\_\_\_\_

2) Recommend for consent \_\_\_\_\_

*11/90* 2) Reject Codes \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Were open hole logs run?  yes  no

Date of final run \_\_\_\_\_

Was CO2 encountered?  yes  no at what depth? \_\_\_\_\_

Was H2S encountered?  yes  no at what depth? \_\_\_\_\_

Were unusual drilling circumstances encountered?  yes  no

If yes, briefly explain \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Other remarks: C.I.B.P. AT 7845

\_\_\_\_\_

\_\_\_\_\_

640 Acres


**BOTTOM HOLE LOCATION**

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
FSL			FWL
Measured Total Depth		True Vertical Depth	BH, From Lease, Unit, or Property Line:

**BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (DRAINHOLES)**

**DRAINHOLE #1**

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
FSL			FWL
Depth of Deviation	Radius of Turn	Direction	Total Length
Measured Total Depth		True Vertical Depth	End Pt Location From Lease, Unit or Property Line:

**DRAINHOLE #2**

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
FSL			FWL
Depth of Deviation	Radius of Turn	Direction	Total Length
Measured Total Depth		True Vertical Depth	End Pt Location From Lease, Unit or Property Line:

If more than two drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth.

Please note, the horizontal drainhole end its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.

PERMIT TO DRILL

OTC/OCC Number: 20464-0

OKLAHOMA CORPORATION COMMISSION

Approval Date: 11/03/1998

PERMIT TO DRILL

API Number: 027-20236-A

Notice of Intention To: RECOMPLETE  
Type of Drilling Operation: STRAIGHT HOLE  
County: CLEVELAND Spot Location: NE4 SE4 NE4  
Feet From: SOUTH 1/4 Section Line 450 Feet From: WEST 1/4 Section Line 2550  
Lease Name: O.U.

Well Location: Sec: 24 Twp: 09N Rge: 03W  
Feet from the nearest lease line: 90

Surface Owner Address  
UNIVERSITY OF OKLAHOMA  
660 PARRINGTON OVAL  
NORMAN OK 73069

Operator Return Address  
R & H LLC  
301 WEST MAIN, #600  
ARCMORE OK 73401

Operation to Begin: 00/00/0000

Surface Water used to Drill: NO

Formation Codes, Names, Depths, (Permit Valid For Listed Formations Only):  
(1) 000UCFM UNCONFORMITY /SD/ 7698 (2) 202VIOL VIOLA /LM.GROUP/ 8370

Not Spaced for Permitted Formations.

Special Orders: 90123

Pending CD Numbers: Location Exception Orders: Increased Density Orders: Depth: 8861

Total Ground Surface Depth to base of Treatable  
Elevation Casing: 1250 Water-Bearing FM: 850

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is Six Months, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (E) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

PCN: C1170220L7 11/06/1998

PAGE 1 OF 1

PERMIT TO DRILL OTC/OCC Number: 20464-0. PERMIT TO DRILL  
OKLAHOMA CORPORATION COMMISSION Approval Date: 11/03/1998

API Number: 027-20236-A  
Notice of Intention To: RECOMPLETE Well Location: Sec: 24 Twp: 09N Rge: 03W  
Type of Drilling Operation: STRAIGHT HOLE Well Type: OIL/GAS  
County: CLEVELAND Spot Location: NE4 SE4 NE4  
Feet From: SOUTH 1/4 Section Line 450 Feet From: WEST 1/4 Section Line 2550 Feet from the nearest lease line: 90  
Lease Name: O.U. Well No: 24-1  
Operator Name: R & H LLC  
TELEPHONE: (580) 226-3960  
Operator Return Address  
R & H LLC  
301 WEST MAIN, #600  
ARDMORE OK 73401

Operation to Begin: 00/00/0000 Fresh Water Supply Well Drilled: NO Surface Water used to Drill: NO  
Formation Codes, Names, Depths, (Permit Valid For Listed Formations Only):  
(1) 000UCFM UNCONFORMITY /SD/ 7698 (2) 202VIOL VIOLA /LM, GROUP/ 8370  
Not Spaced for Permitted Formations. Special Orders: 90123

Pending CD Numbers: Location Exception Orders: Increased Density Orders: Depth: Elevation Casing: Depth to base of Treatable  
Water-Bearing FW:  
8861 1250 850

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is Six Months, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (E) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

PCN: C11702220L7 11/06/1998 PAGE 1 OF 1



PLEASE TYPE OR USE BLACK INK ONLY

FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or dristestm tested

LEASE NAME D.U.

WELL NO. 24-2

NAMES OF FORMATIONS	TOP	BOTTOM
<i>NO CHANGE</i>		

**FOR COMMISSION USE ONLY**

APPROVED \_\_\_\_\_ DISAPPROVED \_\_\_\_\_

1) ITD Section \_\_\_\_\_

2) No Intent to Drill on file \_\_\_\_\_

1) Send warning letter \_\_\_\_\_

2) Recommend for consent \_\_\_\_\_

2) Reject Codes \_\_\_\_\_

*WSP*

Were open hole logs run?  yes  no

Date of first run \_\_\_\_\_

Was CD2 encountered?  yes  no at what depths? \_\_\_\_\_

Was H2S encountered?  yes  no at what depths? \_\_\_\_\_

Were unusual drilling circumstances encountered?  yes  no

If yes, briefly explain \_\_\_\_\_

Other remarks: C.T.B.P. AT 8591'

688 Acres


If more than two drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth.

Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.

**BOTTOM HOLE LOCATION**

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Measured Total Depth		True Vertical Depth	BNL From Lease, Unit, or Property Line

**BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE (DRAINHOLES)**

**DRAINHOLE #1**

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
Measured Total Depth		True Vertical Depth	End PI Location From Lease, Unit, or Property Line

**DRAINHOLE #2**

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
Measured Total Depth		True Vertical Depth	End PI Location From Lease, Unit, or Property Line

PERMIT TO DRILL OKLAHOMA CORPORATION COMMISSION  
Approval Date: 11/03/1998 PERMIT TO DRILL

OTC/OCC Number: 20464-0  
APJ Number: 027-20989-A

Notice of Intention To: RECOMPLETES  
Type of Drilling Operation: STRAIGHT HOLE  
County: CLEVELAND Spot Location: CSE4 SE4  
Feet From: SOUTH 1/4 Section Line 660 Feet From: WEST 1/4 Section Line 1980  
Lease Name: O.O.

Well No: 24-1  
Well Location: Sec: 24 Twp: 09N Rge: 03W  
Operator Name: R & H LLC  
TELEPHONE: (580) 226-3960  
Operator Return Address  
R & H LLC  
301 WEST MAIN, #600  
ARDMORE OK 73401

Surface Owner Address  
UNIVERSITY OF OKLAHOMA  
650 PARRINGTON OVAL  
NORMAN OK 73069

Operation to Begin: 00/00/0000  
Fresh Water Supply Well Drilled: NO  
Surface Water used to Drill: NO

Formation Codes, Names, Depths, (Permit Valid For Listed Formations Only):  
(1) 269HTN HUNTON /LM, GROUP/  
(2) 202VIOL VIOLA /LM, GROUP/  
Special Orders: 90123

Not Spaced for Permitted Formations.

Pending CD Numbers: Location Exception Orders: Increased Density Orders: Total Ground Surface Depth to base of Treatable  
Casing: Elevation Casing: Water-Bearing FW:  
10015 1030 850

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is Six Months, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (E) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Form 1002A  
Rev. 1979

(To be filed within 30 days after drilling is completed)

**OKLAHOMA CORPORATION COMMISSION**  
OIL AND GAS CONSERVATION DIVISION

Jim Thorpe Building / Oklahoma City, Oklahoma 73105  
COUNTY LeFlore TWP 24 RGE 3N

API NO. 02720989  
640 Acres

COMPANY OPERATING Holden Energy Corporation  
OFFICE ADDRESS Suite 600 Lincoln Center  
TOWN ARDMORE STATE/ZIP Okla. 73401

FARM NAME Oil WELL NO. 24-2  
DRILLING STARTED 3/20/85 DRILLING FINISHED 5/7/85  
DATE OF FIRST PRODUCTION 8/10/85 COMPLETED 10/7/85  
WELL LOCATED C 1/4 SE 1/4

660 FT. FROM SW 1/4 SEC. & 1980 FT. FROM NW 1/4 SEC.  
ELEVATION: DERBRICK FLOOR \_\_\_\_\_ GROUND \_\_\_\_\_

LOCATE WELL CORRECTLY AND OUTLINE LEASE

**TYPE COMPLETION**  
Single Zone X Order No. \_\_\_\_\_  
Multiple Zone \_\_\_\_\_ Order No. \_\_\_\_\_  
Commingled \_\_\_\_\_ Order No. \_\_\_\_\_  
Order No. \_\_\_\_\_ Penalty \_\_\_\_\_

**LOCATION EXCEPTION**

**OIL OR GAS ZONES**

Name	From	To	Name	From	To
Arbuckle	10,005	10,015			

**CASING & CEMENT**

Size	Casing Set		Cement		
	Wgt.	Grade	Feet	Psi	Sox
8 5/8	32	J	1,030	1,450	Circulated to surface
5 1/2	17	K-N	10,014	1200	

**PACKERS SET**  
Depth \_\_\_\_\_  
Make \_\_\_\_\_

TOTAL DEPTH 10,015

(OVER)

**COMPLETION & TEST DATA BY PRODUCING FORMATION**

FORMATION	Arbuckle
SPACING & SPACING ORDER NO.	160-275914
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	011
PERFORATED	10,005-10,014
INTERVALS	11228
ACIDIZED?	
FRACTURED TREATED?	

**INITIAL TEST DATA**

Date	10/7/85
Oil-bbl./day	90
Oil Gravity	39
Gas-Cu. Ft./day	100 Mcf
Gas-Oil Ratio Cu. Ft./Bbl.	1,100
Water-Bbl./day	60
Pumping or flowing	Pumping
CHOKE SIZE	
FLOW TUBING PRESSURE	

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

(OVER)

Telephone 405-226-3960 Prod. Mgr. \_\_\_\_\_  
Name and title of representative of company \_\_\_\_\_  
Subscribed and sworn before me this 14 day of October 1985  
My commission expires 10/13/89 Notary Public \_\_\_\_\_





**Instructions**

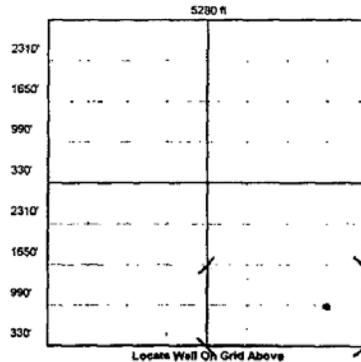
- A. Please type or print using black ink.
- B. Form must be signed by former operator and new operator.
- C. Outline boundaries of lease and spot well being transferred.
- D. Attach 1002A for well.
- E. Questions should be directed to Well Records (405) 521-2275.

OKLAHOMA CORPORATION COMMISSION  
 Oil & Gas Conservation Division  
 Post Office Box 52000-2000  
 Oklahoma City, OK 73152-2000

08110635 Form 1073 Rev. 1996

**Transfer of Operator**  
 OAC 185:10-1-15

API No.	02720989		OTC Prod. Unit No.	027-087923	
Location	1/4	C/28	SE 1/4	SE 1/4	24
Ft FSL of Qtr Sec	660'		Ft FWL of Qtr Sec	1980'	
Current Well Name/No.	OU 24-2		County	Cleveland	
Original Well Name/No.					
Unit Name (if applicable)					



Well Class:  Oil  Gas  Dry  Plugged

Producing formation(s)	Arbuckle	
Oil Transporter/Purchaser	Texaco Trading and Transportation, Inc.	OTC No. 13678
Gas Measurer		OTC No.

The effective date of transfer of this well for the purposes of Commission records, is the date the transfer is approved by the Commission.

**CURRENT OPERATOR**

Name	Holden Energy Corporation		OCC No.	07066
Address	Lincoln Center, Ste. 600			
City	Ardmore	State	OK	Zip 73401
Phone No.	580-226-3960	FAX No.	580-226-3560	
I verify that I am the legal operator of record with authority to transfer operatorship of this well.				
Signature				
Name & Title (Typed or Printed)	Rick Orr, Vice-President, Land			
Signed and sworn to before me this	10 <sup>th</sup>	day of	AUGUST, 1998	
My commission expires:	8-3-02			

**NEW OPERATOR**

Name	R & H, L.L.C.		OCC No.	20464-0
Address	301 West Main, Ste. 600			
City	Ardmore	State	OK	Zip 73401
Phone No.	580-226-3960	FAX No.	580-226-3560	
Being the new operator, as of the effective date and time of transfer accept the facts presented as being true and correct and accept the operational responsibility for the well on the described property.				
Signature				
Name & Title (Typed or Printed)	Harold H. Holden, Manager			
Signed and sworn to before me this	6	day of	August 1998	
My commission expires:	10/13/01			

I verify under oath that I have exercised due diligence in attempting to locate the current operator of record according to OCC records, who has abandoned the above well/lease and cannot be located to obtain signature. I have attached a copy of the certified recorded assignment of lease.

Signature \_\_\_\_\_

Signed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_

Notary Public

My commission expires: \_\_\_\_\_

SEP 29 1998

**FOR OCC USE ONLY**

Surety Dept.  Approved  Rejected Date AUG 11 1998

Well Records Dept.  Approved  Rejected Date **WDMS**

**NOTE:** By processing this Form 1073, the Oklahoma Corporation Commission has approved the contents thereof as to form only. Oklahoma Corporation Commission does not warrant that the facts provided by the operator are true. Form is not approved until approved by Well Records.

25.2. PIT INFORMATION - PIT #2

- A. Type of mud system:        water based,        oil based,        gas based (air drilled)  
 B. Expected mud chloride content: maximum        ppm; average        ppm.  
 C. Type of PZ System:        on-site;        off-site;        closed. If off-site, specify location         
 D. Is depth to top of ground water greater than 10 ft below base of pit?        Y        N  
 E. Within 1 mile of municipal water well?        Y        N  
 F. Wellhead Protection Area:        Y        N

OPPOSITE PIT #       

<p>Lease bottom hole location (s)</p> <p>1. If more than two drainholes are proposed, attach separate sheet indicating the necessary information.          2. Direction must be stated in degrees azimuth.          3. Please note the horizontal drainholes and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">29. Bottom Hole Location for Directional Hole</td> <td>SEC</td> <td>TWP</td> <td>RGE</td> <td>County</td> </tr> <tr> <td>SPOT LOCATION</td> <td>1/4</td> <td>1/4</td> <td>1/4</td> <td>1/4</td> <td>FEET FROM QUARTER SECTION LINE</td> </tr> <tr> <td>Measured Total Depth</td> <td colspan="2">True Vertical Depth</td> <td colspan="3">B-HL from Lease, Unit, or Property Line</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">30. Bottom Hole Location for Horizontal Hole: (DRAINHOLES)</td> <td>SEC</td> <td>TWP</td> <td>RGE</td> <td>County</td> </tr> <tr> <td>SPOT LOCATION</td> <td>1/4</td> <td>1/4</td> <td>1/4</td> <td>1/4</td> <td>FEET FROM QUARTER SECTION LINE</td> </tr> <tr> <td>Depth of Deviation</td> <td colspan="2">Radius of turn</td> <td>Direction</td> <td colspan="2">Total Length</td> </tr> <tr> <td>Measured Total Depth:</td> <td colspan="2">True Vertical Depth:</td> <td colspan="3">End point location from lease, unit or property line:</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">31. AFFIDAVIT FOR ALTERNATIVE CASING PROGRAM</td> <td colspan="4">(signature on front of this form attests to this affidavit)</td> </tr> <tr> <td colspan="6">1. This well ( <u>      </u> will <u>      </u> not ) penetrate any known lost circulation zones.</td> </tr> <tr> <td colspan="6">2. 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Instructions

- A. Please type or print using black ink.
- B. Form must be signed by former operator and new operator.
- C. Outline boundaries of lease and spot well being transferred.
- D. Attach 1002A for well.
- E. Questions should be directed to Well Records (405) 521-2275.

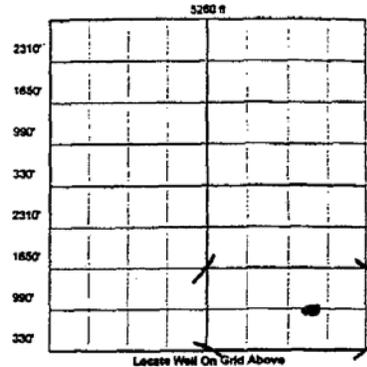
OKLAHOMA CORPORATION COMMISSION  
 Oil & Gas Conservation Division  
 Post Office Box 52000-2000  
 Oklahoma City, OK 73152-2000

904180676

Form 1073  
 Rev. 1996

Transfer of Operator  
 OAC 165:10-1-15

API No. <b>02720989</b>	OTC Prod. Unit No. <b>027-087923</b>
Location 1/4 <b>SE</b> 1/4 <b>SE</b> 1/4 <b>24</b> Twp. <b>9N</b> Rge. <b>3W</b>	
FI FSL of Qtr Sec <b>660'</b>	FI FWL of Qtr Sec <b>1980'</b>
County <b>Cleveland</b>	
Current Well Name/No. <b>OU 242</b>	
Original Well Name/No.	
Unit Name (if applicable)	



Well Class:  Oil  Gas  Dry  Plugged

Producing formation(s) <b>Ardmore</b>	
Oil Transporter/Purchaser <b>TEXACO</b>	OTC No. <b>13678</b>
Gas Measurer	OTC No.

The effective date of transfer of this well for the purposes of Commission records, is the date the transfer is approved by the Commission.

CURRENT OPERATOR

Name <b>R &amp; H, L.L.C.</b>	OCC No. <b>20464-0</b>
Address <b>301 West Main, Suite 600</b>	
City <b>Ardmore</b>	State <b>Okl.</b> Zip <b>73401</b>
Phone No. <b>(580) 226-3960</b>	FAX No. <b>(580) 226-3560</b>
I verify that I am the legal operator of record with authority to transfer operatorship of this well.  <i>[Signature]</i> Signature	
<b>Harold H. Holden, Manager</b> Name & Title (Typed or Printed)	
Signed and sworn to before me this <b>12</b> day of <b>April 1999</b> <i>[Signature]</i> Notary Public	
My commission expires: <b>10-13-01</b>	

NEW OPERATOR

Name <b>M-B OPERATING CO, INC.</b>	OCC No. <b>19960-0</b>
Address <b>P. O. Box 1266</b>	
City <b>Rockwall</b>	State <b>Tx</b> Zip <b>75087</b>
Phone No. <b>(214) 771-8414</b>	FAX No. <b>(214) 771-8414</b>
Being the new operator, as of the effective date and time of transfer accept the facts presented as being true and correct and accept the operational responsibility for the well on the described property.  <i>[Signature]</i> Signature	
<b>Mike J. Considine, President</b> Name & Title (Typed or Printed)	
Signed and sworn to before me this <b>12</b> day of <b>April 1999</b> <i>[Signature]</i> Notary Public	
My commission expires: <b>10-13-01</b>	

I verify under oath that I have exercised due diligence in attempting to locate the current operator of record according to OCC records, who has abandoned the above well/lease and cannot be located to obtain signature. I have attached a copy of the certified recorded assignment of lease.

Signature

Signed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_

Notary Public

**ADD 21 1000**

My commission expires: \_\_\_\_\_

FOR OCC USE ONLY

Surety Dept.  Approved  Rejected

**APR 14 1999**

Well Records Dept.  Approved  Rejected

**WDMS**

NOTE: By processing this Form 1073, the Oklahoma Corporation Commission has approved the contents thereof as to form only. Oklahoma Corporation Commission does not warrant that the facts provided by the operator are true. Form is not approved until approved by Well Records.

# Underground Storage Tanks

Facility Summary For #1413938

Oklahoma Corporation Commission  
 Petroleum Storage Tank Division  
 Facility Summary Report

Facility	Owner
<b>Fleet Management Division</b> 1301 DAVINCI DRIVE Norman, OK 73071	<b>City Of Norman</b> 201 West Gray, Bldg. C Norman, OK 73070 (405) 321-2182

Facility Status: Active  
 Facility Type: Not Listed  
 Inspector: Lankford, Justin  
 # Pumps: 0

Tank #	Capacity	Cmpts	Substance	Tank Type	Tank Use	Tank Status	Installed Date	Tank Material	Tank Construction	Tank CP Type	Pipe Material	Pipe Construction	Pipe Type	Pipe CP Type	Upgrade 98 Met	Lined Interior
1	10000	1	Gasoline	UST	Non-Retail	CIU	07/01/1998	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic		Fiberglass	Pressure	Pressure		Yes	No
2	10000	1	Gasoline	UST	Non-Retail	CIU	07/01/1998	Double Walled	Double Walled		Double-Walled	Double-Walled	Pressure		Yes	No

**Facility**

**North Norman Batch Plant**  
 2600 N FLOOD  
 Norman, OK 73069

**Owner**

**Dolese Bros Co**  
 PO Box 677  
 Oklahoma City, OK 73101  
 (405) 235-2311

Facility Status: Active  
 Facility Type: Not Listed

Inspector: Lankford, Justin  
 # Pumps: 0

Tank #	Capacity	Cmpts	Substance	Tank Type	Tank Use	Tank Status	Installed Date	Tank Material	Tank Construction	Tank CP Type	Pipe Material	Pipe Construction	Pipe Type	Pipe CP Type	Upgrade 58 Met	Lined Interior
1	8000	1	Diesel	AST	Non-Retail	POU	02/01/1970	Steel	Steel	Steel	Steel	US Suction	US Suction	No	No	No
2	8000	1	Diesel	AST	Non-Retail	CIU	09/01/2006	Steel	Steel	Steel	Steel	US Suction	US Suction	No	No	No

**Appendix F**

**Cleveland County Records and Deeds**

Cleveland County Deed Records – 1998 lease agreement

Filed: 05-20-1998 09:41:51 AM Doc Number: R 1998 19452 Book: RB 2949 Page:1267

Doc#: R 1998 19452  
Bk&Pg: RB 2949 1267-1268  
Filed: 05-20-1998 LT  
09:41:51 AM LR  
Cleveland County, OK

RELEASE OF LEASE

100%

Whereas on the 18<sup>th</sup> day of April, 1953 a certain lease agreement was entered into by and between the Board of Regents of the University of Oklahoma, a body corporate under the name Regents of the University of Oklahoma, as Lessor, and the Oklahoma National Guard, a department of the State of Oklahoma, as Lessee, covering certain described premises situated in Cleveland County, State of Oklahoma, said lease extending for a term of twenty-five (25) years, with the privilege of renewal by the Lessee, from said date: and,

Whereas it is desire of the parties thereto to cancel and release the remaining portions of the premises, said portion to be released being leased by said instrument, more particularly described as follows:

TRACT NO. 1. BEGINNING at a point one thousand two hundred fifty-nine and four-tenths feet (1,259.4') south and one hundred and eight-tenths feet (100.8') west of the northeast corner of Section 24, T9N, R3W, Indian Meridian, thence on a true bearing of S 89 degrees - 30 minutes W for a distance of seven hundred thirty-three and no-tenths feet (733.0'), thence on a true bearing of N 59 degrees - 14 minutes W for a distance of two hundred fifty and no-tenths feet (250.0'), thence on a true bearing of N 36 degrees - 23 minutes E for a distance of eight hundred seventy-two and no-tenths feet (872.0'), thence on a true bearing of S 32 degrees - 25 minutes E for a distance of four hundred eighty-seven and five-tenths feet (487.5'), thence on a true bearing of S 28 degrees - 54 minutes E for a distance of three hundred eighty-six and seven-tenths feet (386.7'), thence on a true bearing of S 13 degrees - 47 minutes W for a distance of seventy-five and five-tenths feet (75.5') to the point of beginning, being 10.1 acres, more or less.

Now, therefore, in consideration for the sum of one dollar (\$1.00) in hand paid, the receipt of which is hereby acknowledged, the said Oklahoma National Guard, a department of the State of Oklahoma, Lessee in said lease, does hereby releases, relinquish, and surrender all of its right, title and interest in and to the premises describe above effective the first day of April, 1998, and the said Regents of the University of Oklahoma, a body politic, Lessor in said lease, does hereby accept said release and surrender all of the premises above describes and hereby consents and agrees to the cancellation of said lease as affecting the premises above described and releases said Oklahoma National Guard, a department of the State of Oklahoma, its successors and assigns of and from all obligations and liabilities arising thereunder.

> 731 Elm ave  
Robertson Hall 318  
Norman, OK 73019-0230

PAGE 1 OF 2

Cleveland County Clerk's Office

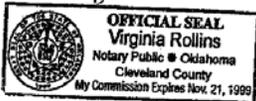
IN WITNESS WHEREOF, the parties hereto have caused this instrument to be executed in duplicate this 15<sup>th</sup> day of May, 1998.

REGENTS OF THE UNIVERSITY OF OKLAHOMA *of*

By *Russell W. Drive*  
*Vice President for Administrative Affairs*

Before me, the undersigned, a Notary Public, in Cleveland County and State of Oklahoma on this 15<sup>th</sup> day of May, 1998, Russell W. Drive, Vice President, Regents of the University of Oklahoma, personally appeared, known to me to be the identical person who signed the foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes set forth.

Virginia Rollins My Commission Expires: 11-21-99



ATTEST:

*Wanda A. Burch*  
OKLAHOMA NATIONAL GUARD



BY *Stephen P. Cortright*  
Stephen P. Cortright, Adjutant General

The Adjutant General of the State of Oklahoma, Major General Stephen P. Cortright, acting as trustee for the Oklahoma National Guard for the State of Oklahoma.

Before me, the undersigned, a Notary Public, in Oklahoma County and State of Oklahoma on this 16 day of March, 1998, Stephen P. Cortright, Adjutant General, personally appeared, known to me to be the identical person who signed the foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes set forth.

Mary M. Fowler My Commission Expires: Feb. 17, 1999



**Appendix G**  
**Environmental Professional Qualifications**

## **Environmental Professional Qualifications**

**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: Targeted Brownfields Assessment Coordinator for DEQ Land Protection Division, 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.