

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT**

OF THE:
**TELESTO SOLAR PROPERTY
HARDIN COUNTY, KENTUCKY 42701**

PREPARED FOR:
**TELESTO ENERGY PROJECT, LLC
3809 JUNIPER TRACE, SUITE 100
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MARCH 2021

HULL

Environment / Energy / Infrastructure

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1.0 EXECUTIVE SUMMARY

This report presents the results of a Phase I Environmental Site Assessment (Phase I ESA) of multiple parcels located in Hardin County, Kentucky (collectively referred to as the "Site"). Hull & Associates, Inc. (Hull) conducted this Phase I ESA during February and March 2021 for Telesto Energy Project, LLC (Client). Unless otherwise noted, this assessment was conducted in a manner consistent with the American Society for Testing and Materials (ASTM) Standard E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, which satisfies the All Appropriate Inquiry (AAI) Final Rule of November 6, 2013, 40 CFR Part 312. Additionally, this assessment was conducted in a manner consistent with the ASTM Standard E 2247-16, the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property*.

In performing this assessment, Hull reviewed federal, state and local lists of state hazardous sites; underground storage tanks (USTs); hazardous waste management facilities; and environmental releases of hazardous substances and petroleum. Hull also examined available regulatory records and a regulatory database report generated by Environmental Data Resources, Inc. (EDR).

According to records maintained by the Hardin County Property Valuation Administrator, the Site is currently owned by multiple landowners. The Site is currently, and has been historically, used for agricultural and residential purposes.

Hull has performed this Phase I ESA in accordance with the scope and limitations of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in Section 10 of this report. This assessment has revealed no evidence of contamination in soil, soil vapor, or groundwater and no recognized environmental conditions (RECs) in connection with the Site.

2.0 INTRODUCTION

2.1 Scope of Work

The project was conducted in February and March 2021. Unless otherwise noted in Section 10.0, this assessment was conducted in accordance with ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, which satisfies the AAI Final Rule of November 6, 2013, 40 CFR Part 312. Additionally, this assessment was conducted in a manner consistent with the ASTM Standard E2247-16, the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property*. A copy of the Scope of Work for this project is included in Appendix A. All figures referenced in this report are included at the end of the text.

2.2 Purpose

The purpose of complying with the ASTM Standard E1527-13 is to permit the Client to satisfy one of the requirements to qualify for the Innocent Landowner, Contiguous Property Owner, or Bona Fide Prospective Purchaser liability limitations of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 U.S.C. § 9601, et seq. Specifically, Hull conducted this assessment to evaluate the presence of RECs associated with the Site.¹ The assessment was based on information gained by qualified Hull personnel from review of public documents, files, photographs and maps; correspondence with regulatory agencies; review of an environmental regulatory database search report; interviews with local governmental agencies; and a reconnaissance of the Site.

2.3 Significant Assumptions

No significant assumptions were made for the Phase I ESA conducted for this Site.

2.4 Special Terms and Conditions

No special terms or conditions were applied to the ASTM standard for this project.

2.5 Report Limitations

The conclusions presented herein are based on the level of effort and investigative techniques defined under the Scope of Work. Hull has conducted this investigation in a manner consistent with sound engineering practices and with professional judgment. No other warranty or guarantee, expressed or implied, is made.

¹ ASTM defines a "recognized environmental condition" as the presence or likely presence of any hazardous substance or petroleum product on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum product into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

This report does not attempt to evaluate past or present compliance with federal, state and local environmental or land use laws and regulations. Hull makes no guarantees regarding the completeness or accuracy of any information obtained in review of public or private files. Furthermore, this report is prepared for, and made available for the sole use of Telesto Energy Project, LLC and the contents thereof may not be used or relied upon by any other person without the express written consent and authorization of Telesto Energy Project, LLC and Hull.

3.0 SITE DESCRIPTION

3.1 Location and Legal Reference

Site Address: The Site consists of multiple parcels of agricultural land located in southwestern Hardin County, Kentucky

Current Site Acreage: 1942.988 acres

Parcel Number(s): Parcel numbers can be found on the property record cards in Appendix C

Resource: Hardin County Property Valuation Administrator

Parcel Zoning: Urban Residential (R-1) and Rural Residential (R-2)

The location of the Site is depicted on Figure 1 and photographs from the Site reconnaissance are included in Appendix B. Copies of the property record cards are included in Appendix C.

3.2 Site and Vicinity General Characteristics

Site Setting: Agricultural/Residential

A figure depicting general Site characteristics is presented as Figure 2.

3.3 General Site Usage

The Site is occupied by agricultural, residential and forested land in Hardin County, Kentucky. Conditions observed during the Site reconnaissance are presented in Section 7.0.

4.0 HISTORICAL AND CURRENT USES OF THE SITE

4.1 Historical Site Usage

To identify the historical use of the Site, Hull personnel reviewed deed and title information, zoning information, city directories, aerial photographs, and historical land use maps.

4.1.1 Ownership

Hull reviewed ownership information maintained by the Hardin County Property Valuation Administrator. Property Record Cards for each parcel are provided in Appendix C.

4.1.2 Aerial Photographs

Hull obtained aerial photographs from EDR to aid in identifying past use of the Site and adjacent properties. Photographs were reviewed for the years 1959, 1960, 1967, 1983, 1988, 1997, 2008, 2012, and 2016. Copies of the aerial photographs are provided in Appendix D.

SUMMARY OF AERIAL PHOTOGRAPHS REVIEWED	
Date (Scale)	Description
1959 (1" = 2000')	<p>Site: The Site was occupied by cultivated land and small areas of forested land. Roadways traversed the Site and residences, barns, and small ponds were present throughout the Site. A railroad spur traversed the central portion of the Site from southeast to northwest. Multiple creeks traversed the Site from the north of the Site and exited to the south of the Site.</p> <p>Adjacent properties:</p> <p><u>North:</u> Cultivated land.</p> <p><u>South:</u> Cultivated land and residential development.</p> <p><u>East:</u> Cultivated land.</p> <p><u>West:</u> Cultivated land.</p>
1960 (1" = 2000')	The Site and surrounding areas appeared similar to the 1959 photograph.
1967 (1" = 2000')	The Site and surrounding areas appeared similar to the 1960 photograph.
1983 (1" = 2000')	The Site and surrounding areas appeared similar to the 1967 photograph.
1988 (1" = 2000')	The Site and surrounding areas appeared similar to the 1983 photograph.
1997 (1" = 2000')	<p>Site: The Site appeared similar to the 1983 photograph.</p> <p>Adjacent properties:</p> <p><u>North:</u> Cultivated land.</p> <p><u>South:</u> Cultivated land and residential development.</p> <p><u>East:</u> Cultivated land and airport runway.</p> <p><u>West:</u> Cultivated land.</p>

SUMMARY OF AERIAL PHOTOGRAPHS REVIEWED	
Date (Scale)	Description
2008 (1" = 2000')	<p>Site: The Site appeared similar to the 1997 photograph.</p> <p>Adjacent properties:</p> <p><u>North:</u> Cultivated land and residential development.</p> <p><u>South:</u> Cultivated land and residential development.</p> <p><u>East:</u> Cultivated land, airport runway, and commercial development.</p> <p><u>West:</u> Cultivated land.</p>
2012 (1" = 2000')	The Site and surrounding areas appeared similar to the 2008 photograph.
2016 (1" = 2000')	The Site and surrounding areas appeared similar to the 2012 photograph.

Five-year intervals were not achieved because they were not available in the resources checked. This is not considered a significant data gap because the Site and adjacent sites did not show significant changes within those time frames and because of the presence of other sources of historical Site information.

4.1.3 Historical Land Use Maps

4.1.3.1 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps (Sanborns) were not available in the resources checked. A copy of the EDR "no coverage" letter is presented in Appendix E-1.

4.1.3.2 Historical Topographic Maps

Hull reviewed topographic maps for the years 1935, 1938, 1948, 1949, 1960, 1967, 1982, 1987, 1992 and 2013. Due to the size of the Site footprint, historical topographic maps are summarized by applicable quadrangles in which portions of the Site footprint lie. A summary of the map review is included below. Copies of the maps are provided in Appendix E-2.

SUMMARY OF SITE OBSERVATIONS FROM TOPOGRAPHIC MAPS	
Year	Site Land-Use
1935	Portions of the Site were occupied by sparsely populated farmland and undeveloped land. Several unnamed roads traversed the Site. A railroad spur bisected the Site, running north to south. Three streams were present that traversed the covered portions of the Site from north to south. The average elevation in the western portion of the Site was approximately 720 to 860 feet above mean sea level (AMSL).
1938	The Site appeared similar to the 1935 topographical map.
1948	The Site appeared similar to the 1938 topographical map.
1949	The Site appeared similar to the 1948 topographical map.

SUMMARY OF SITE OBSERVATIONS FROM TOPOGRAPHIC MAPS	
Year	Site Land-Use
1960	A pipeline was observed running from northeast to southwest through the middle of Site. The remaining features appeared similar to the 1949 topographical map.
1967	The Site appeared similar to the 1960 topographical map.
1982	The Site appeared similar to the 1967 topographical map.
1987	The Site appeared similar to the 1982 topographical map.
1992	The Site appeared similar to the 1987 topographical map.
2013	The Site appeared similar to the 1992 topographical map.

SUMMARY OF ADJACENT PROPERTY OBSERVATIONS FROM TOPOGRAPHIC MAPS				
Year	North	East	South	West
1935	Unnamed roadway followed by sparsely developed farmland and undeveloped land.	Farmland and undeveloped land.	Town of Cecilia	Farmland and undeveloped land.
1938	Area appeared similar to 1935 topographical map	Area appeared similar to 1935 topographical map	Area appeared similar to 1935 topographical map	Area appeared similar to 1935 topographical map
1948	Area appeared similar to 1938 topographical map	Area appeared similar to 1938 topographical map	Area appeared similar to 1938 topographical map	Area appeared similar to 1938 topographical map
1949	Area appeared similar to 1948 topographical map	Area appeared similar to 1948 topographical map	Area appeared similar to 1948 topographical map	Area appeared similar to 1948 topographical map
1960	Area appeared similar to 1949 topographical map	Area appeared similar to 1949 topographical map	Area appeared similar to 1949 topographical map	Area appeared similar to 1949 topographical map
1967	Area appeared similar to 1960 topographical map	Area appeared similar to 1960 topographical map	Area appeared similar to 1960 topographical map	Area appeared similar to 1960 topographical map
1982	Area appeared similar to 1967 topographical map	Area appeared similar to 1967 topographical map	Area appeared similar to 1967 topographical map	Area appeared similar to 1967 topographical map
1987	Area appeared similar to 1982 topographical map	Area appeared similar to 1982 topographical map	Area appeared similar to 1982 topographical map	Area appeared similar to 1982 topographical map
1992	Area appeared similar to 1987 topographical map	Area appeared similar to 1987 topographical map	Area appeared similar to 1987 topographical map	Area appeared similar to 1987 topographical map

SUMMARY OF ADJACENT PROPERTY OBSERVATIONS FROM TOPOGRAPHIC MAPS				
Year	North	East	South	West
2013	Area appeared similar to 1992 topographical map	Area appeared similar to 1992 topographical map	Area appeared similar to 1992 topographical map	Area appeared similar to 1992 topographical map

Five-year intervals were not achieved because they were not available in the resources checked. This is not considered a significant data gap because the Site and adjacent sites did not show significant changes within those time frames and because of the presence of other sources of historical Site information.

5.0 CLIENT-PROVIDED INFORMATION

5.1 Environmental Liens

Hull requested information from the Client concerning possible environmental liens associated with the Site. The Client was not aware of any such liens.

5.2 Specialized Knowledge

The Client indicated they did not have any specialized knowledge or experience related to environmental issues pertaining to the Site or adjacent properties.

5.3 Valuation Reduction for Environmental Issues

The Client was not aware of any reduction in the value of the Site resulting from environmental issues.

5.4 Owner and Occupant Information

The Client indicated that the parcels comprising the Site are owned by multiple property owners and occupied by residences and agricultural land. Hull sent survey letters to each parcel owner within the Site footprint and requested information pertaining to their respective parcels as part of this Phase I ESA. Completed surveys were received from two of the property owners, and their responses have been incorporated into the report. Copies of the surveys sent to each owner and responses are provided in Appendix F.

5.5 Reason for Performing Phase I ESA

The purpose of this Phase I ESA is to evaluate potential RECs at the Site.

5.6 Other

The Client did not report to Hull other relevant information regarding RECs in connection with the Site.

6.0 ENVIRONMENTAL RECORDS REVIEW

6.1 Previous Studies

Based on information provided to Hull by the Client, there have been no previous studies completed at the Site.

6.2 Physical Setting Source(s)

6.2.1 Regional Geology and Hydrogeology

The Site lies in the Mississippian Plateau Physiographic Region of Kentucky. The surrounding area displays a gentle slope to the south, toward the West Rhudes Creek. Elevations across the Site range from 720 to 860 feet AMSL.

As indicated in the United States Department of Agriculture Web Soil Survey (Soil Survey), the soil at the Site is comprised of the following units:

Soil Map Unit Symbol	Map Unit Description	% of Soil Type in Site Footprint
BrB	Bedford silt loam, 2 to 6 percent slopes	26.1%
GnB	Gatton silt loam, 2 to 6 percent slopes	16.8%
SnB	Sonora silt loam, 2 to 6 percent slopes	10.3%
CrB	Crider silt loam, 2 to 6 percent slopes	9.8%
SnC	Sonora silt loam, 6 to 12 percent slopes	9.6%
Nb	Newark silt loam, 0 to 2 percent slopes, frequently flooded	9.0%
Lc	Lawrence silt loam, 0 to 2 percent slopes, rarely flooded	3.7%
Nv	Nolin variant fine sandy loam (grigsby)	3.6%
CrC	Crider silt loam, 6 to 12 percent slopes	3.4%
BrA	Bedford silt loam, 0 to 2 percent slopes	2.7%
Mv	Melvin silt loam	1.5%
CsC	Cumberland silt loam, 6 to 12 percent slopes	0.9%
No	Nolin silt loam, 0 to 2 percent slopes, frequently flooded	0.5%
RcD3	Riney sandy clay loam, 6 to 20 percent slopes, severely eroded	0.4%
RbD	Riney loam, 12 to 20 percent slopes	0.4%
OtA	Otwood silt loam, 0 to 2 percent slopes, rarely flooded	0.3%
EIB	Elk silt loam, 2 to 6 percent slopes	0.3%
Gu	Gullied land (riney)	0.3%
W	Water	0.2%

Soil Map Unit Symbol	Map Unit Description	% of Soil Type in Site Footprint
SnC3	Sonora silt loam, 6 to 12 percent slopes, severely eroded	0.1%
PmB	Pembroke silt loam, 2 to 6 percent slopes	0.1%

Bedrock at the Site is Mississippian-age limestone. The Site also overlies unconsolidated sediments of Quaternary age. These formations yield 100 to 500 gallons per day (gpd) to drilled wells on broad ridges or on uplands, and larger amounts when solution openings are encountered close to perennial stream level. Wells that encounter large solution openings produce more than 5 gallons per minute (gpm). Based upon the orientation of the West Rhudes Creek, and the general topography noted at the Site, regional groundwater flow appears to be to the south.

6.2.2 Kentucky Geological Survey Oil and Gas Well Log Information

Hull used the Kentucky Geological Survey Oil and Gas Well search to obtain information related to oil and gas wells within 0.5 mile of the Site. According to the Kentucky Geologic Map Information Service database, twenty-two (22) oil and gas wells are located within 0.5 mile of the Site, and eleven (11) of these wells appeared to be located on the Site. According to the well completion logs, two (2) of the oil and gas wells are plugged and abandoned, eight (8) are gas wells, and the status of the remaining well was unable to be determined based off information provided on the associated completion log. The presence of these oil and gas wells in the Site vicinity is not anticipated to represent an environmental concern for the Site. A copy of the oil and gas well map and associated well completion logs are included in Appendix G.

6.2.3 Kentucky Groundwater Data Repository Water Well Log Information

Hull searched the Kentucky Groundwater Data Repository online database of located and unlocated well logs for private/public/monitoring wells within 0.5 mile of the Site. One hundred thirty (130) wells were found to be located within 0.5 mile of the Site, and six (6) of these wells appear to be located on the Site. Four (4) of the on-Site wells were identified for potable use and two (2) were of unknown use. According to the well completion logs for the remaining wells, they are a combination of potable water wells, industrial supply wells, agricultural/irrigation wells, public supply wells, geothermal wells, and monitoring wells. Hull reviewed the well logs for pertinent information such as lithology and depth to water. The well logs indicated that the area local to the Site is underlain by varying thicknesses of clay, sand, silt, boulders, and limestone extending to depths of up to 275 feet below ground surface (bgs). Water was encountered in the underlying lithology at depths ranging from 10 to 203 feet bgs. The presence of these water wells in the Site vicinity is not anticipated to represent an environmental concern for the Site. A copy of the water well map and associated well information are included in Appendix H.

6.3 Federal, State and Tribal Environmental Records

An environmental database report generated by EDR was used to access environmental records for this report. The proximity of various listed facilities was reviewed to identify the potential affect, if any, that these facilities may have on the Site. The databases searched included those specified by ASTM E 1527-13 as well as several additional federal and state databases.

EDR contacts government agencies to receive updated records on a monthly or quarterly basis, depending on the database. As a result, facilities that were recently added to the list, and therefore not identified by EDR, may exist within the specified search distance. EDR has verified that it updates its database every 90 days or within 90 days of the last agency update. In addition to the facilities identified in the EDR report, EDR provides a list of orphan facilities. These facilities, which are listed on one or more databases, do not have enough address information to be specifically located by EDR. A copy of the report by EDR is included in Appendix I.

Based on regulatory information from the databases, as well as topography, geological conditions, and hydrogeological considerations including anticipated groundwater flow direction, potential groundwater flow barriers, such as rivers or streams, only facilities located adjacent to the Site and other facilities located within 0.25 mile of the Site would potentially affect the Site if releases occurred at those facilities. The following facilities were identified within the EDR report, as detailed below:

Site:

The EDR report identified several listings pertaining to the Site. No adjacent properties were identified. Further details regarding these listings and regulatory status are provided in the following table:

Site	Databases	Regulatory Status
37.67347 Latitude; 85.95777 Longitude	SPILLS	Release of materials from natural gas pipeline due to unknown causes in 2007. Regulatory status is listed as closed. This listing does not represent a REC.
New Manufacturing Facility N. Black Branch Road Elizabethtown, KY 42701	NPDES	2014, 5015-2019 NPDES permitting for highway and street construction activities. This listing does not represent a REC.
Carolyn Wimp Residence 308 Wimp Lane Cecilia, KY 42724	ERNS, FINDS	Reported release of materials from natural gas pipeline due to unknown causes in 2007 from resident. This listing does not represent a REC.
Latitude: 37.67193; Longitude: 85.969989	SPILLS	Caller reported a 22" oil pipeline traversing a creek was in danger in 2012. Claim determined to be unfounded. This listing does not represent a REC.
Latitude: 37.67193; Longitude: 85.969989	SPILLS	Caller reported a "non-permitted dam" constructed on Rhudes Creek at Hwy 86 in 2012. Claim determined to be unfounded. This listing does not represent a REC.

6.3.1 Kentucky Department of Environmental Protection (DEP)

A response has not yet been received from the Kentucky DEP. A letter addendum to the report will be issued if a response indicates a concern for the Site. Correspondence with the Kentucky DEP is included in Appendix J.

6.4 Local Environmental Records

6.4.1 Local Health Department

Health Department: Lincoln Trail District Health Department

Current Issues Identified: No issues identified.

Correspondence with the Lincoln Trail District Health Department is included in Appendix J.

6.4.2 Local Emergency Management Agency (EMA)

County EMA: Hardin County EMA

A response has not yet been received from the Hardin County EMA. A letter addendum to the report will be issued if a response indicates a concern for the Site. Correspondence with the Hardin County EMA is included in Appendix J.

6.4.3 Local Fire Department

Fire Department: Elizabethtown Fire Department

Current Issues Identified: No issues identified. Although there were multiple fires historically reported throughout the Site, none appeared to have resulted in potential environmental issues for the Site.

Correspondence with the Elizabethtown Fire Department is included in Appendix J.

6.5 Adjacent Property Environmental Records

No adjacent properties were identified in the database report; therefore, adjacent property file reviews were not conducted as part of this Phase I ESA.

7.0 SITE RECONNAISSANCE/INTERVIEWS

7.1 General

On March 16, 2021, Mr. Robert Cramer, representative of Hull, performed a reconnaissance of the Site to visually assess the Site and to identify RECs. Exterior portions of the Site were accessed from public right-of-way's adjacent to parcels that lie within the Site footprint. Due to the overall size of the Site, an inspection of the multiple parcels comprising the Site was conducted from the right-of-way only. During the Phase I ESA, survey letters were sent out to property owners within the Site boundary. Completed surveys were received from two of the property owners, and their responses have been incorporated into the report. Copies of the surveys sent to each owner and responses are provided in Appendix F.

The Scope of Work for the Site reconnaissance, as included in the proposal to the Client, is presented in Appendix A. A layout of the Site is presented on Figure 2. Site photographs are located in Appendix B.

7.1.1 Description of Structures, Roads, and Other Improvements on the Site

Site Access: The Site is roughly bordered by Hayden School Road on the southern portion of the Site, State Highway 1357 Saint John Road on the northern and eastern portion of the Site, and State Highway 253 Bethlehem Academy Road on the western portion of Site.

Structures observed from the rights-of-way during the reconnaissance included residences, garages, barns, and outbuildings that service both residential and agricultural activities.

7.1.2 Utility Information

Electric Service: Kentucky Utilities Company, Nolin R.E.C.C.

Gas Service: Propane, Louisville Gas and Electric Company, Municipal Gas Utilities

Water Service: Potable water provided by on-Site private water wells or Hardin County Water District No. 2

Sewer Service: On-site wastewater treatment systems, such as septic tanks and lateral fields, serve most of the area

7.1.3 Current Uses of Adjoining Properties

Adjoining properties were observed from the Site's boundaries, public rights-of-way, or other vantage points, including an inspection of areas where hazardous substances may be or may have been stored, treated, handled, or disposed. Observations of the adjoining properties are summarized as follows:

CURRENT USE OF ADJOINING PROPERTIES	
North	Agricultural and Residential
South	Agricultural and Residential; Electrical Substation
East	Agricultural and Municipal Airport
West	Agricultural and Residential

7.1.4 Hazardous Substances and Petroleum Products

Hazardous substances and/or petroleum products were observed during the Site reconnaissance. Actual products stored and/or utilized within the Site footprint were unable to be determined. Large polyethylene bulk storage tanks with pumps, and farm fuel tanks were observed. No obvious evidence of leaks or staining was visible from the rights-of-way.

One of the property owner surveys indicated that a portion of the Sunoco/Mid Valley Pipeline traverses a portion of parcel 167-00-00-006.02. The pipeline supplies light, sweet crude feedstock to refineries in the Midwest.

7.1.5 Solid and Hazardous Waste Generation, Storage, and Disposal

No obvious solid and hazardous waste generation, storage, and disposal activities beyond typical household waste were observed from the rights-of-way within the Site footprint during the reconnaissance.

7.1.6 Underground Storage Tanks (USTs)

No obvious indications of historical and current USTs were observed from the rights-of-way during the Site reconnaissance.

7.1.7 Aboveground Storage Tanks (ASTs)

Numerous large propane tanks, polyethylene bulk storage tanks with pumps, farm fuel ASTs, and silos were observed from the rights-of-way during the Site reconnaissance. No obvious evidence of leaks or staining was visible from the rights-of-way.

7.1.8 Polychlorinated Biphenyls (PCBs)

One pole-mounted transformer was observed. Ownership and PCB content were unable to be determined from the rights-of-way. No obvious evidence of any other PCB-bearing equipment within the Site footprint was observed from the rights-of-way during the Site reconnaissance.

7.1.9 Wastewater and Stormwater

Hardin County does not currently provide wastewater service to this portion of the County. On-site wastewater treatment systems, such as septic tanks and lateral fields, serve most of the area.

Stormwater generated at the Site generally consists of overland flow that runs to on-Site pipes, culverts and/or ditches.

7.1.10 Pits, Ponds, Lagoons

No obvious evidence of ponds, pit, and lagoons were observed from the rights-of-way during the Site reconnaissance.

7.1.11 Stressed Vegetation and Stained Pavement

No obvious evidence of stressed vegetation or stained pavement was observed from the rights-of-way during the Site reconnaissance.

7.1.12 Odors

No strong, pungent, or noxious odors were apparent during the Site reconnaissance.

7.1.13 Pools of Liquid

No obvious evidence of pools of liquid were identified from the rights-of-way during the Site reconnaissance.

7.1.14 Wells

According to the Kentucky Geologic Map Information Service database, eleven (11) oil and gas wells appeared to be located within the Site boundary. According to the well completion logs, two (2) of the oil and gas wells are plugged and abandoned, eight (8) are gas wells, and the status of the remaining well was unable to be determined based off information provided on the associated completion log.

According to the Kentucky Groundwater Data Repository online database, six (6) wells appear to be located on the Site. Four (4) of the on-Site wells were identified for potable use and two (2) were of unknown use.

Evidence of these wells was not observed from the rights-of-way during the reconnaissance.

7.1.15 Septic Systems

The survey area is not connected to a municipal sewer system. Agricultural properties utilized for residential purposes likely are served by on-site septic systems and leach fields.

7.1.16 Other

No other items were included as part of this assessment.

8.0 FINDINGS AND OPINION

Hull performed a Phase I ESA for the Site located within Hardin and Logan Counties, Ohio. The assessment was conducted during February and March 2021 to evaluate the presence of RECs from current and past operations associated with the Site and was prepared in accordance with the ASTM Standard E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Additionally, this assessment was conducted in a manner consistent with ASTM Standard E 2247-16 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property. The assessment was based on information gained by qualified Hull personnel from a review of public documents, files, photographs and maps; correspondence with regulatory agencies; a review of an environmental regulatory database search report; interviews with local government officials; and a reconnaissance of the Site.

8.1 Significant Data Gaps

No significant data gaps were identified that affected the ability to identify RECs. Due to the overall size of the Site, an inspection of the multiple parcels comprising the Site was conducted from the right-of-way only. During the Phase I ESA, survey letters were sent out to property owners within the Site boundary. No structures were accessed during the reconnaissance.

8.2 Findings

The following findings were noted during the Phase I ESA:

1. Multiple ASTs were noted near the support structures and residences located throughout the Site during the reconnaissance.
2. Eight (8) gas wells are located on the Site. Historically, two (2) oil and gas wells were located on the Site and are now listed as plugged and abandoned; the status of one oil and gas well depicted within the Site boundary was unable to be determined.

8.2.1 De Minimis Conditions

A de minimis condition is evidence of a release of a small quantity of petroleum or hazardous substances that does not likely affect building materials, or soil or groundwater on the Site. An example is small areas (i.e., less than nine square feet in size) of surficial staining on paved surfaces. No, de minimis conditions were noted as part of this assessment.

8.2.2 Historical RECs (HRECs)

A HREC is an environmental condition that has been addressed to the satisfaction of the applicable regulatory authority, which meets unrestricted use criteria, per ASTM Standard E1527-13. No HRECs were noted as part of this assessment.

8.2.3 Controlled RECs (CRECs)

A CREC is an environmental condition that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (property use restrictions, activity and use limitations, institutional controls, or engineering controls), per ASTM Standard E1527-13. No CRECs were noted as part of this assessment.

8.2.4 RECs

RECs are defined in Section 2.2 of this report. This assessment has revealed no evidence of RECs in connection with the Site.

9.0 CONCLUSIONS

Hull has performed this Phase I ESA in accordance with the scope and limitations of ASTM Practice E 1527-13. Additionally, this assessment was conducted in a manner consistent with ASTM Standard E 2247-16 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property. Any exceptions to, or deletions from, this practice are described in Section 10 of this report. This assessment has revealed no evidence of RECs in connection with the Site.

10.0 DEVIATIONS

The assessment was conducted to evaluate the presence of RECs from current and past operations associated with the Site and was conducted in accordance with the ASTM Standard E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and ASTM Standard E 2247-16 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property . No deviations from these standards, except as noted below, occurred during this project.

A windshield survey of the Site was conducted from the rights-of-way to assess the Site. Hull was not able to visually assess each and every parcel and did not enter any structures.

11.0 REFERENCES

A variety of technical documents and publications were referred to during the course of this project. Some of the references consulted are presented below. References documents and publications may or may not have been reviewed in their entirety. The guidelines and procedures presented in the documents and publications referenced have not been strictly adhered to unless stated otherwise.

American Society for Testing and Materials. E 1527-13 *Environmental Site Assessments: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. 2013.

Environmental Data Resources. *Aerial Photographs*. 1959, 1960, 1967, 1983, 1988, 1997, 2008, 2012, and 2016. Photograph.

Environmental Data Resources. *EDR Area/Corridor Report*. February 19, 2021. Print.

Environmental Data Resources. *Sanborn Fire Insurance Maps, No Coverage Letter*. March 10, 2021. Print.

Environmental Data Resources. *Topographic Maps*, 1935, 1938, 1948, 1949, 1960, 1967, 1982, 1987, 1992 and 2013. Print.

Hardin County Property Valuation Administrator's Office, Property Card. March 2021. Web.

Hardin County Emergency Management. Written Correspondence, March 2021. Print.

Hardin County Public Health. Written Correspondence, March 2021. Print.

Elizabethtown Fire Department. Written Correspondence, March 2021. Print.

Kentucky Geologic Map Service (<https://kgs.uky.edu/kygeode/geomap/?layoutid=101>). Kentucky Geological Survey. March 2021. Web.

USGS Web Soil Survey. United States Department of Agriculture. March 2021. Web.

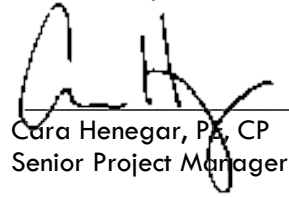
12.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Copies of our résumés showing pertinent qualifications are presented in Appendix K.

Prepared by:

Amanda Green
Hydrologist I

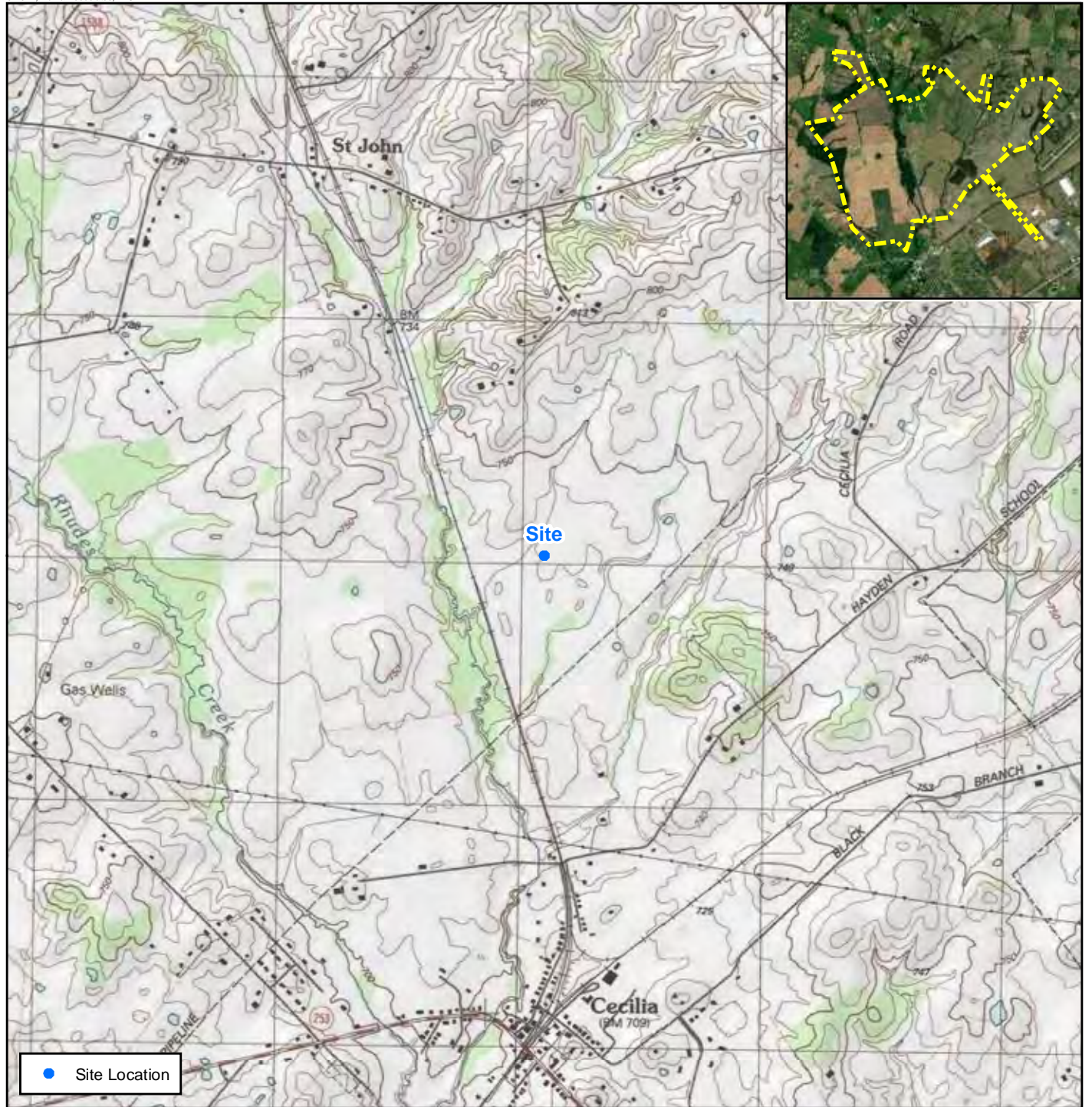
Reviewed by:



Cara Henegar, P.E., CP
Senior Project Manager

Date: 04/02/2021

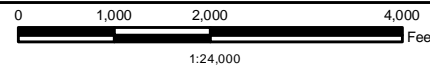
FIGURES



● Site Location

DISCLAIMER

Hull & Associates, LLC (Hull) has furnished this map to the company identified in the title block (Client) for its sole and exclusive use as a preliminary planning and screening tool and field verification is necessary to confirm these data. This map is reproduced from geospatial information compiled from third-party sources which may change over time. Areas depicted by the map are approximate and may not be accurate to mapping, surveying or engineering standards. Hull makes no representation or guarantee as to the content, accuracy, timeliness or completeness of any information or spatial location depicted on this map. This map is provided without warranty of any kind, including but not limited to, the implied warranties of merchantability or fitness for a particular purpose. In no event will Hull, its owners, officers, employees or agents, be liable for damages of any kind arising out of the use of this map by Client or any other party.



Quadrangle: Cecilia, Kentucky

Source: The topographic map was acquired through the USGS Topographic Map web service.

The aerial photo in the inset was acquired through the Esri Imagery Web Service. Aerial photography dated 2015.



Phase I Environmental Site Assessment
Telesto Solar Property

Site Location Map

Hardin County, Kentucky

Date:

March 2021

File Name:

XEN007_01_Fig01_SLM.mxd

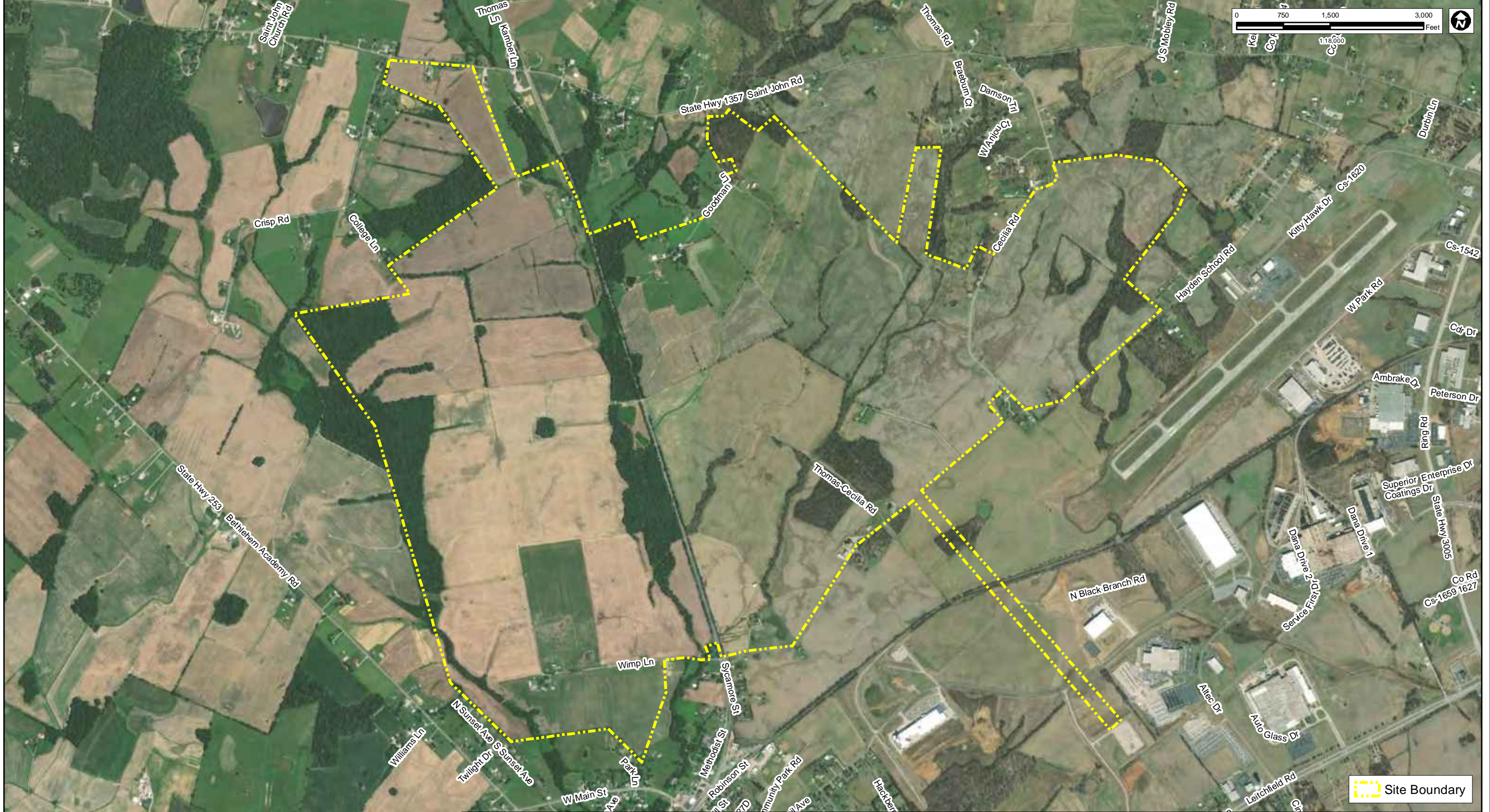
Edited: 3/15/2021 By: dreed

Figure

1

4 Hemisphere Way
Bedford, Ohio 44146

Phone: (440) 232-9945
Fax: (614) 360-0023
www.hullinc.com



Note:
The aerial photo was acquired through the Esri Imagery Web Service. Aerial photography dated 2015.

HULL
Environment / Energy / Infrastructure

4 Hemisphere Way
Bedford, Ohio 44146

Phone: (440) 232-9945
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March 2021	
Phase I Environmental Site Assessment Telesto Solar Property	Figure
Site Layout	2
Hardin County, Kentucky	

APPENDIX A

Scope of Work

SCOPE OF WORK

This Scope of Work and associated costs assume the Client will provide Hull with the following information for the Site(s), if available:

1. a legal description and plat survey;
2. a chain-of-title (ownership) report;
3. a review of land title records for environmental liens or activity and use limitations (e.g., deed restrictions);
4. a review of judicial records for environmental liens or activity and use limitations;¹
5. access to persons familiar with the Site and its history including current owners, operators and occupants, and those who historically owned, operated and occupied the Site, if possible;
6. knowledge or experience that is related to any recognized environmental conditions at the Site (e.g., previous assessments of the Site);
7. an explanation of knowledge that the purchase price of the Site is significantly less than the purchase price of comparable properties (if the project involves a potential Site transfer); and
8. the reason why the Phase I ESA is being performed.

Hull proposes to perform the following Scope of Work under the direction of an Environmental Professional (EP) to address the objectives of this project as described below:

Task 1 Records Review

Records will be reviewed that are reasonably ascertainable (records that are publicly available, obtainable from its source within reasonable time and cost constraints and are practically reviewable).

Historical Information

Information will be obtained regarding past uses and ownership of the Site dating back to 1940 or prior to the Site being developed, whichever is earlier. A search of historical records shall include deeds, aerial photographs, local street directories and fire insurance maps, and may include zoning records, property tax records, USGS 7.5-Minute topographic maps and/or building permits. Additionally, an attempt will be made to establish past and present land uses of contiguous properties by observations made from the Site during the Site reconnaissance and through a review of records identified within this task.

Environmental Information

The following environmental records will be reviewed for facilities within the specified search distance. The search distance is measured from the Site's approximate boundary. The following information, excluding water well logs, the local fire department, health department, Local Emergency Planning Committee (LEPC) and State Emergency Response Commission (SERC) information and utilities information, will be obtained from a commercial environmental database search firm.

Search distance of 1.0 mile:

1. Federal National Priorities List (NPL) facilities list.

¹ Note that some liens are imposed by judicial authorities and may not be recorded in title records.

2. Federal Resource Conservation and Recovery Act (RCRA) CORRACTS (RCRA Corrective Action) facilities list.
3. State and tribal-equivalent NPL.
4. Local contaminated sites list.

Search distance of 0.5 mile:

1. Federal delisted NPL sites list.
2. Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list.
3. CERCLIS No Further Remedial Action Planned (NFRAP) site list
4. RCRA treatment, storage and disposal (TSD) facilities list.
5. Federal RCRA non-CORRACTS facilities list.
6. State and tribal solid waste disposal site lists
7. State and tribal-equivalent CERCLIS list.
8. State and tribal leaking underground storage tank (LUST) lists.
9. State water well logs.
10. Local solid waste disposal site lists.

Site and adjoining properties:

1. Federal RCRA generators list.
2. Federal No Further Remedial Action Planned (NFRAP) facilities list.
3. State and tribal registration storage tank lists.
4. Local UST registration list.
5. State and tribal voluntary cleanup sites.
6. State and tribal brownfields sites

Site only:

1. Federal Emergency Response Notification System (ERNS) list.
2. State and tribal institutional control/engineering control registries.
3. Local fire department and health department records.
4. SERC and LEPC.
5. Records from utility companies operating gas lines, oil pipelines, electrical lines and transformers, water lines and sewers.

Regional geology records that may include groundwater resource maps, bedrock geology maps, surficial geology maps and soil maps will be reviewed to identify the general nature and occurrence of groundwater, regional geology, the presence of oil/gas wells, etc.

The above description of the records review is general and is not intended to be a detailed list of the files researched or the persons who will be contacted. Hull does not guarantee the accuracy of public and private files. Furthermore, the above data will be obtained through a request for an agency file search, telephone or personal interviews, or a combination of both, whichever is most appropriate.

Task 2 Site Reconnaissance

The Site reconnaissance will include the following:

1. survey letters will be sent to current owners and/or occupants familiar with both current and past operations and usage of the Site. If the Site is abandoned, attempts will be made to interview neighboring property owners and/or occupants about the Site's history;
2. a windshield survey of the Site will be performed to note the current condition/operations of the Site and contiguous properties. Contiguous properties will be observed from the Site's boundaries, public rights-of-way, or other vantage points, including an inspection of areas where hazardous substances or petroleum products may be or may have been stored, treated, handled, or disposed. Photographs will be taken to document observations made during this reconnaissance;
3. the presence of RECs including hazardous materials, waste storage areas, underground and aboveground storage tanks, industrial facilities, land disposal units, septic systems and dry wells will be documented; and
4. evidence and/or presence of stressed vegetation, stained areas, newly landscaped or paved areas and apparent fill areas will be documented.

The Client will be responsible for obtaining access to any Site structures that may need accessed (including all buildings) to perform the reconnaissance in a single mobilization.

Task 3 Report Preparation

A Phase I ESA report will be prepared for the Site, and will consist of the following:

1. a narrative describing the procedures performed by Hull and other parties involved in the project;
2. a summary of information obtained from the file review of existing historical, regulatory and hydrogeologic data and through personal interviews;
3. a Site map including pertinent current and historic structural features and RECs;
4. an identification of significant data gaps that affect the ability of Hull to identify RECs;
5. findings and opinions that identify the RECs and conclusions that state whether additional appropriate investigation may be required to determine identify the environmental affect a REC may have on the Site; and
6. signature(s) of environmental professional(s).

An evaluation of the thoroughness and reliability of the information gathered will be included in the report. References will be provided that identify the sources relied upon to evaluate the Site. Supporting documentation will be provided in appendices to the report or appropriately referenced.

The Client will be notified of environmental concerns encountered during the Site reconnaissance or file review that may warrant further evaluation, thus altering the original Scope of Work. This notification must be completed prior to initiating any additional work (e.g., additional file reviews, sampling, drilling, etc.). Each report is intended to describe observations obtained through the work as defined in the Scope of Work.

APPENDIX B

Photographs from Site Reconnaissance



PHOTO 1: East side of Site on Hayden School Road facing south towards the airport



PHOTO 2: East side of Site on Hayden School Road facing south towards the airport



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 3: East side of Site facing north into agricultural field along Hayden School Road



PHOTO 4: East side of Site facing north into agricultural field along Hayden School Road



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 5: East side of Site facing north,towards Cecilia Road, into agricultural field along Hayden School Road



PHOTO 6: East side of Site facing north, towards Cecilia Road, into agricultural field along Hayden School Road



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 7: East side of Site facing south towards airport runway along Hayden School Road



PHOTO 8:



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 9: On east side of Site facing east on Cecilia Road into agricultural field



PHOTO 10: On east side of Site facing north on Cecilia Road into agricultural field

HULL
Environment / Energy / Infrastructure

Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 11: On east side of Site facing west on Cecilia Road into agricultural field



PHOTO 12: On east side of Site facing west on Cecilia Road into agricultural field



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 13: On east side of Site facing west on Cecilia Road into agricultural field



PHOTO 14: On the east side of Site facing south along Cecilia Road into depression in agricultural field



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 15: On east side of Site facing south along Cecilia Road into agricultural field



PHOTO 16: Pole mounted transformer in field along Cecilia Road, facing south



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 17: Pipeline notification along Cecilia Road on south side of road



PHOTO 18: Pipeline notification along Cecilia Road on south side of road

HULL
Environment / Energy / Infrastructure

Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 19: North end of Cecilia Road facing east-southeast into agricultural field



PHOTO 20: On Hayden School Road, near central part of Site, facing south



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 21: On Hayden School Road, near central part of Site, facing south



PHOTO 22: Above ground storage tanks and silos located on property along Hayden School Road



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 23: Above ground storage tanks and silos located along Hayden School Road



PHOTO 24: On Hayden School Road facing south towards transmission lines that are along southern portion of Site.

	<p>Telesto Solar Property Phase 1 Environmental Site Assessment</p> <p>Site Photographs</p> <p>Hardin County, KY</p>	<p>Date: March 2021</p>
		<p>Project Number: XEN007 File Name: XEN007.0001.XLSX</p>



PHOTO 25: On Hayden School Road facing east near central portion of Site



PHOTO 26: On Hayden School Road facing west near central portion of Site



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 27: Barn located at the corner of Hayden School Road and Sycamore Street.

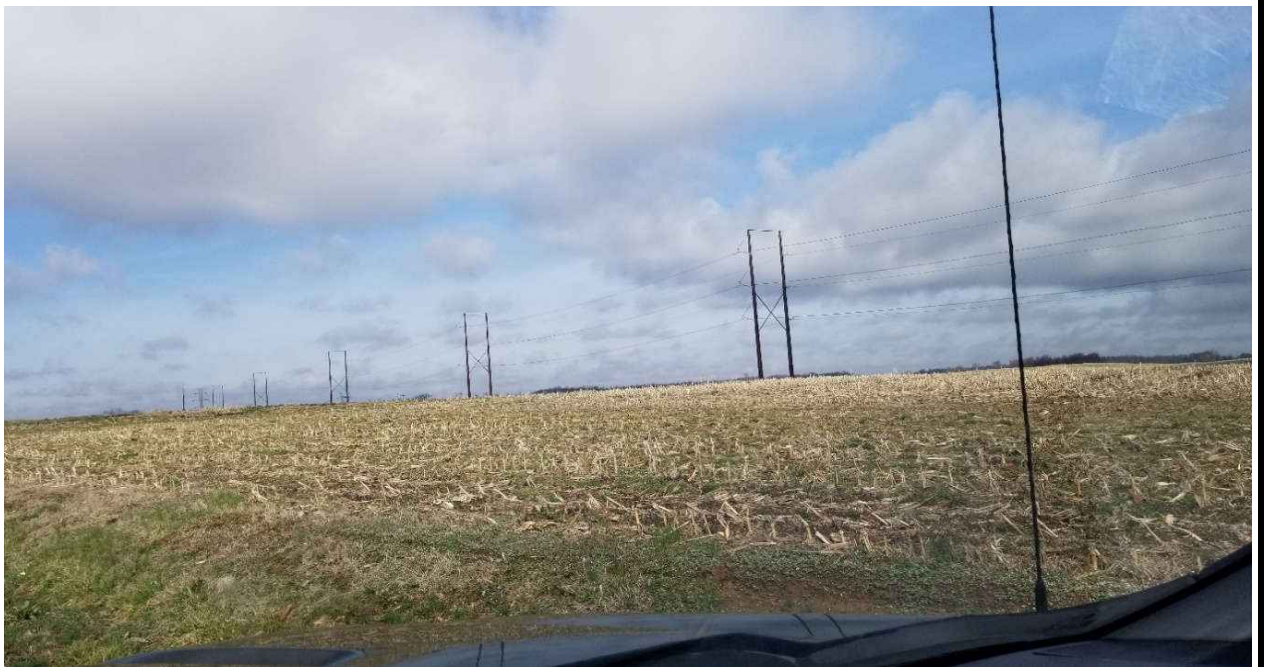


PHOTO 28: Power lines in agricultural field on north side of Wimp Lane



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 29: Facing south into agricultural field along Wimp Lane



PHOTO 30: Power lines in agricultural field on north side of Wimp Lane



Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 31: Facing south on Goodman Lane into agricultural field



PHOTO 32: On south side of Site facing north along North Black Branch Road


	Telesto Solar Property Phase 1 Environmental Site Assessment	Date: March 2021
	Site Photographs Hardin County, KY	Project Number: XEN007 File Name: XEN007.0001.XLSX



PHOTO 33: Transmission lines along the north side of North Black Branch Road



PHOTO 34: Transmission substation located adjacent to the Site to the south, off North Black Branch Road

HULL
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Telesto Solar Property
Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX



PHOTO 35: Intersection of unnamed road and Leitchfield Road facing south.



PHOTO 36: Agricultural field on south side of Leitchfield Road, facing south

HULL
 Environment / Energy / Infrastructure

Telesto Solar Property
 Phase 1 Environmental Site Assessment

Site Photographs

Hardin County, KY

Date:

March 2021

Project Number: XEN007

File Name:

XEN007.0001.XLSX

APPENDIX C

Property Record Cards

Summary

Parcel Number 167-00-00-008.02
 Location Address 2138 HAYDEN SCH RD
 Property Class Farm
 Tax District 00
 Acres 168.759
 Description
 (Note: Not to be used on legal documents)

Subdivision
 Deed Book/ Deed Page 1229-508
 Deed Date 06/07/2007

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$697,500	\$697,500	\$697,500	\$0	\$0
+ Farm Land Value	\$69,200	\$69,200	\$84,400	\$84,400	\$86,900
+ Farm Residence Value	\$15,200	\$15,200	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$0	\$0	\$0	\$0	\$0
= Farm Ag Value	\$84,400	\$84,400	\$84,400	\$84,400	\$86,900
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$84,400	\$84,400	\$84,400	\$84,400	\$86,900

Owner

[HAYDEN MARY ALICE](#)
 563 CHARLEMAGNE BLVD
 ELIZABETHTOWN KY 42701

Improvement Information

Description		Finished Basement %	0
Type of Residence	2-STORY	Bedrooms	3
Year Built	1905	Full Baths	1
Num Stories	2	Half Baths	0
Above Ground Sqft	2500	Exterior	FRAME
Total Living Area	2500	Heat	ELECTRIC
Basement	NONE/SLAB	Air Condition	BASIC
Basement Sqft	0	Fireplace	0
Basement Sqft Finish	0		

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
6/7/2007	\$637,568	1229-508		HAYDEN MARY ALICE

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet

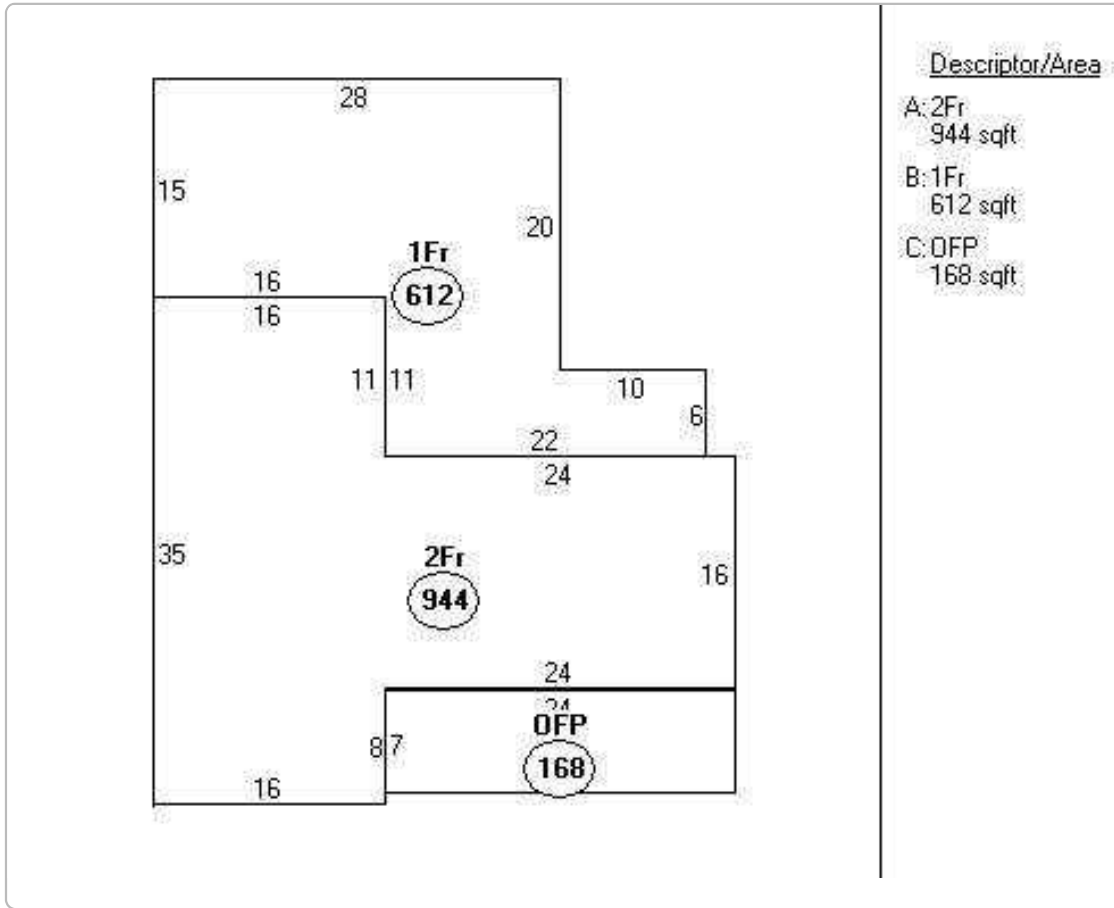


Sales by Distance

Photos



Sketches



Descriptor/Area

- A: 2Fr
944 sqft
- B: 1Fr
612 sqft
- C: OFF
168 sqft

No data available for the following modules: Outbuildings.

Hardin County makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation.

[User Privacy Policy](#)
[GDPR Privacy Notice](#)

Last Data Upload: 3/4/2021, 5:45:26 PM

Summary

Parcel Number 167-00-00-008
 Location Address 1955 HAYDEN SCH RD
 Property Class Farm
 Tax District 00
 Acres 389.52
 Description
 (Note: Not to be used on legal documents)

Subdivision
 Deed Book/ Deed Page 1229-521
 Deed Date 06/07/2007

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$1,600,400	\$1,600,400	\$1,600,400	\$0	\$0
+ Farm Land Value	\$143,700	\$143,700	\$431,100	\$431,100	\$428,500
+ Farm Residence Value	\$231,200	\$231,200	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$56,200	\$56,200	\$0	\$0	\$0
= Farm Ag Value	\$431,100	\$431,100	\$431,100	\$431,100	\$428,500
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$431,100	\$431,100	\$431,100	\$431,100	\$428,500

Owner

HAYDEN MARION K & KAROLYN S
 1955 HAYDEN SCHOOL RD
 CECILIA KY 42724

Improvement Information

Description		Finished Basement %	0
Type of Residence	CAPE COD 1.5	Bedrooms	3
Year Built	2008	Full Baths	3
Num Stories	1	Half Baths	0
Above Ground Sqft	2709	Exterior	BRICK
Total Living Area	2709	Heat	ELECTRIC
Basement	FULL	Air Condition	CENTRAL/AC
Basement Sqft	2259	Fireplace	0
Basement Sqft Finish	0		

Outbuildings

Description	POLE FRAME BUILDING METAL, FOUR SIDES CLOSED	Square Footage	2400
Year Built	1980	Condition	C
<hr/>			
Description	STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN	Square Footage	384
Year Built	1970	Condition	D
<hr/>			
Description	STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN	Square Footage	384
Year Built	1970	Condition	D
<hr/>			
Description	STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN	Square Footage	384
Year Built	1970	Condition	D
<hr/>			
Description	STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN	Square Footage	384
Year Built	1970	Condition	D
<hr/>			
Description	STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN	Square Footage	384
Year Built	1970	Condition	D

Description STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN
Year Built 1970

Square Footage 384
Condition D

Description STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN
Year Built 1970

Square Footage 2000
Condition D

Description STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN
Year Built 1970

Square Footage 2000
Condition D

Description POLE FRAME BUILDING WOOD, ONE SIDE OPEN
Year Built 1960

Square Footage 3840
Condition D

Description POLE FRAME BUILDING METAL, FOUR SIDES CLOSED
Year Built 2010

Square Footage 2088
Condition D

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
6/7/2007	\$1,337,632	1229-521	HAYDEN JACOB JR & MARION K	HAYDEN MARION K & KAROLYN S

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet



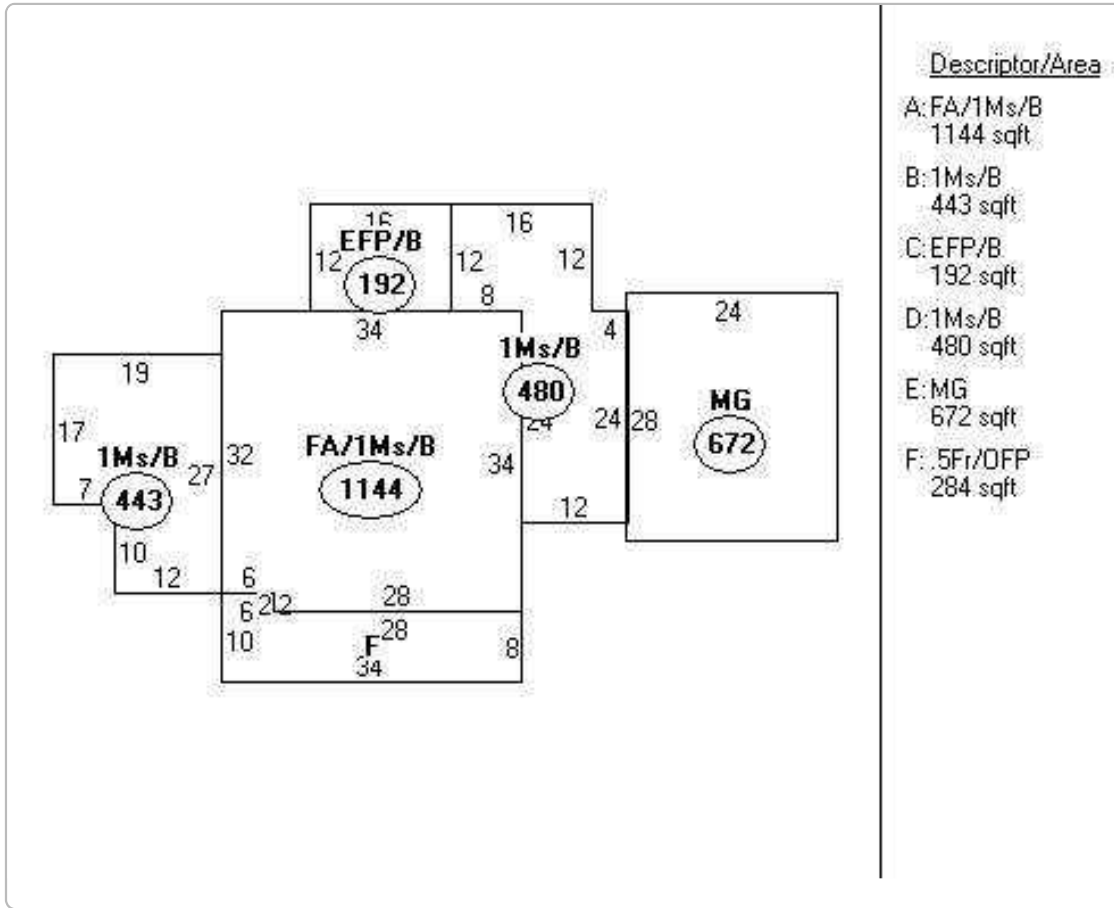
Sales by Distance

Photos





Sketches



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Developed by
 Schneider
 GEOSPATIAL

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Version 2.3.109

Summary

Parcel Number 167-00-00-009
Location Address 980 N BLACK BRANCH RD
Property Class Farm
Tax District 02
Acres 27.082
Description TJ PATTERSON IND PARK LT 4F #2
(Note: Not to be used on legal documents)
Subdivision TJ PATTERSON IND PARK
Deed Book/ Deed Page 938-020
Deed Date 06/28/1999

[View Map](#)

Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$270,800	\$270,800	\$270,800	\$0	\$0
+ Farm Land Value	\$10,800	\$10,800	\$10,800	\$10,800	\$10,800
+ Farm Residence Value	\$0	\$0	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$0	\$0	\$0	\$0	\$0
= Farm Ag Value	\$10,800	\$10,800	\$10,800	\$10,800	\$10,800
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$10,800	\$10,800	\$10,800	\$10,800	\$10,800

Owner

[ELIZABETHTOWN/HARDIN CO INDUSTRIAL](#)
 233 RING RD STE 150
 ELIZABETHTOWN KY 42701

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
6/28/1999	\$2,500,000	938-020	GABBARD LEWIS W	ELIZABETHTOWN/HARDIN CO INDUSTRIAL

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet ▼

Sales by Distance

Sketches

Descriptor/Area

No data available for the following modules: Improvement Information, Outbuildings, Photos.

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[Version 2.3.109](#)

Summary

Parcel Number 167-00-00-011
 Location Address 1331 HAYDEN SCH RD
 Property Class Farm
 Tax District 00
 Acres 82
 Description (Note: Not to be used on legal documents)
 Subdivision
 Deed Book/ Deed Page 1392-271
 Deed Date 02/17/2014

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$321,500	\$321,500	\$321,500	\$0	\$0
+ Farm Land Value	\$35,400	\$35,400	\$35,400	\$35,400	\$44,000
+ Farm Residence Value	\$0	\$0	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$0	\$0	\$0	\$0	\$0
= Farm Ag Value	\$35,400	\$35,400	\$35,400	\$35,400	\$44,000
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$35,400	\$35,400	\$35,400	\$35,400	\$44,000

Owner

MATHERLY DIANE A TRUST -ETAL-
 870 W PARK RD
 ELIZABETH TOWN KY 42701

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
2/17/2014	\$0	1392-271	MATHERLY DIANE -ETAL- C/O BRENDA DRANE	MATHERLY DIANE A TRUST -ETAL-

Sale date range:

From:

To:

Feet

Photos



Sketches

<u>Descriptor/Area</u>

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[Version 2.3.109](#)

Summary

Parcel Number 168-00-00-005
 Location Address 970 N BLACK BRANCH RD
 Property Class Commercial
 Tax District 02
 Acres 3.317
 Description TJ PATTERSON IND PK LT9A
 (Note: Not to be used on legal documents)
 Subdivision TJ PATTERSON IND PK
 Deed Book/ Deed Page 1409-580
 Deed Date 05/14/2015

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Commercial Land Value	\$100,000	\$100,000	\$0	\$0	\$0
+ Commercial Improvement Value	\$597,500	\$597,500	\$0	\$0	\$0
= Commercial Total Value	\$697,500	\$697,500	\$0	\$0	\$0
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$697,500	\$697,500	\$697,500	\$697,500	\$100,000

Owner

[AULBACH PENCE LLC](#)
 POB 2005
 ELIZABETHTOWN KY 42702

Outbuildings

Description TJ PATTERSON IND PK LT9A
 Year Built 2016
 Square Footage 0
 Condition

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
5/14/2015	\$152,500	1409-580	ELIZABETHTOWN HARDIN CO INDUSTRIAL FOUNDATION	AULBACH PENCE LLC
6/10/2003	\$1,961,584	1076-639	WILLIAMS GUY LLC	ELIZABETHTOWN HARDIN CO INDUSTRIAL FOUNDATION

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet

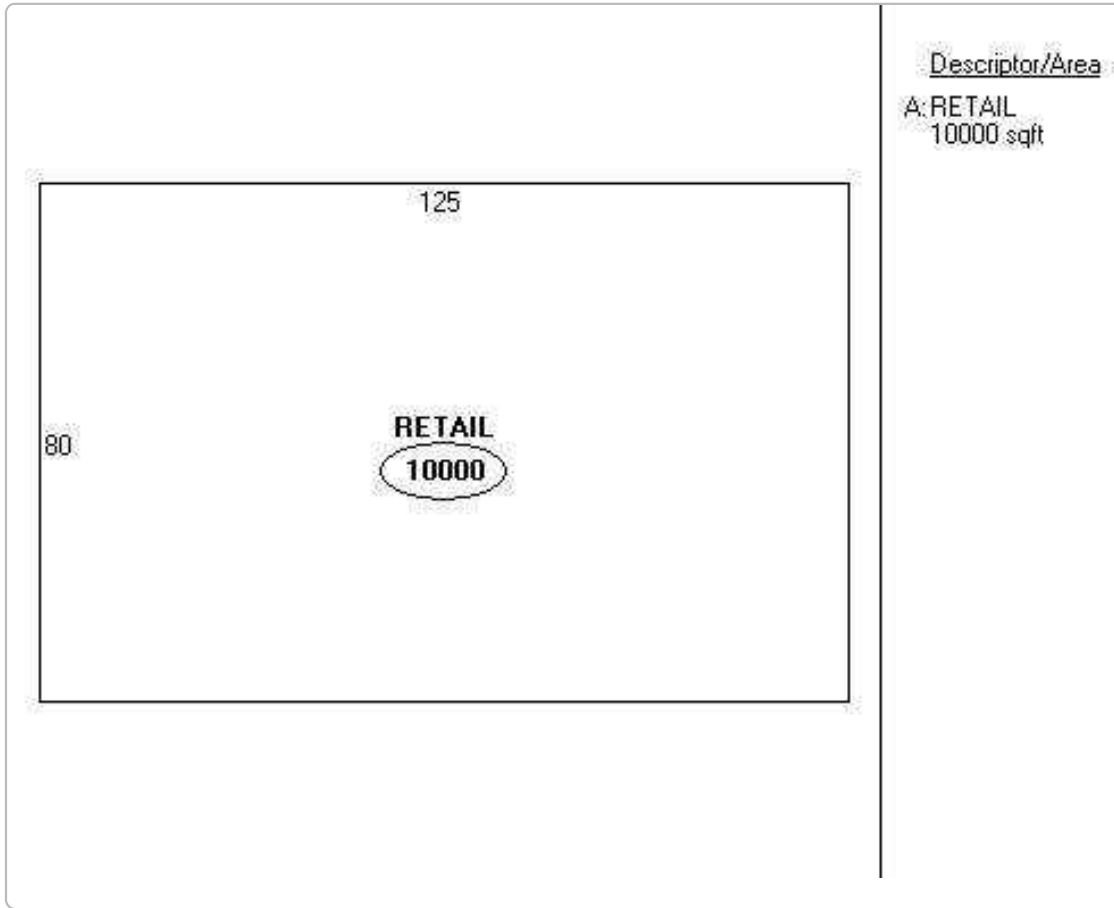


Sales by Distance

Photos



Sketches



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GEOSPATIAL

[Version 2.3.109](#)

Summary

Parcel Number 145-00-00-024
 Location Address 5705 ST JOHN RD
 Property Class Farm
 Tax District 00
 Acres 82
 Description
 (Note: Not to be used on legal documents)
 Subdivision
 Deed Book/ Deed Page 604-086
 Deed Date

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$422,700	\$422,700	\$422,700	\$0	\$0
+ Farm Land Value	\$32,300	\$32,300	\$188,500	\$188,500	\$190,100
+ Farm Residence Value	\$145,900	\$145,900	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$10,300	\$10,300	\$0	\$0	\$0
= Farm Ag Value	\$188,500	\$188,500	\$188,500	\$188,500	\$190,100
- Homestead Exemption	(\$40,500)	(\$39,300)	(\$39,300)	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$148,000	\$149,200	\$149,200	\$188,500	\$190,100

Owner

[DRAKE JOHN T & SHIRLEY](#)
 5705 ST JOHN RD
 ELIZABETHTOWN KY 42701-0000

Improvement Information

Description
 Type of Residence 1-STORY RANCH
 Year Built 1995
 Num Stories 1
 Above Ground Sqft 1320
 Total Living Area 2280
 Basement FULL
 Basement Sqft 1320
 Basement Sqft Finish 960

Finished Basement % 72
 Bedrooms 3
 Full Baths 2
 Half Baths 1
 Exterior BRICK
 Heat ELECTRIC
 Air Condition CENTRAL/AC
 Fireplace 0

Description 1-STORY RANCH
 Type of Residence 1-STORY RANCH
 Year Built 1937
 Num Stories 1
 Above Ground Sqft 960
 Total Living Area 960
 Basement FULL
 Basement Sqft 960
 Basement Sqft Finish 0

Finished Basement % 0
 Bedrooms 3
 Full Baths 1
 Half Baths 0
 Exterior ALUM/VINYL
 Heat GAS
 Air Condition BASIC
 Fireplace 0

Outbuildings

Description POLE FRAME BUILDING METAL, FOUR SIDES CLOSED
 Year Built 2000

Square Footage 2400
 Condition D

Description POLE FRAME BUILDING WOOD, FOUR SIDES CLOSED
 Year Built 1975

Square Footage 400
 Condition D

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet

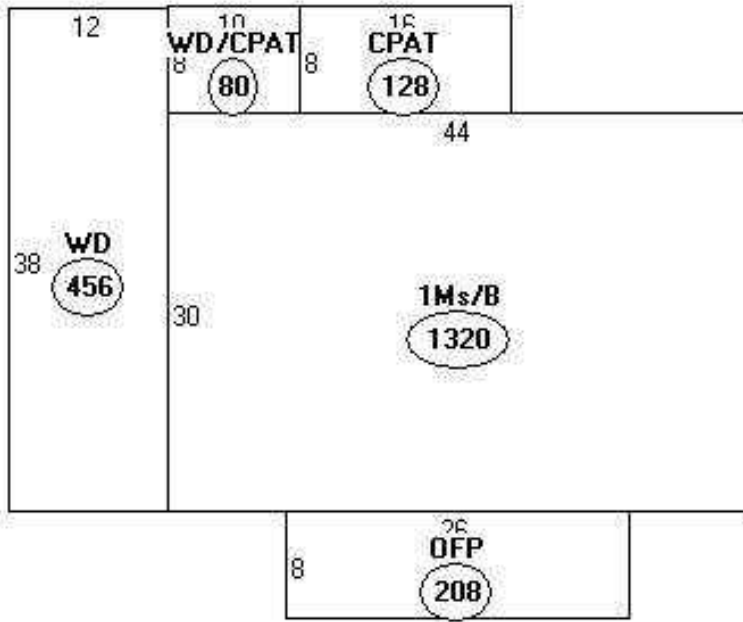


Sales by Distance

Photos

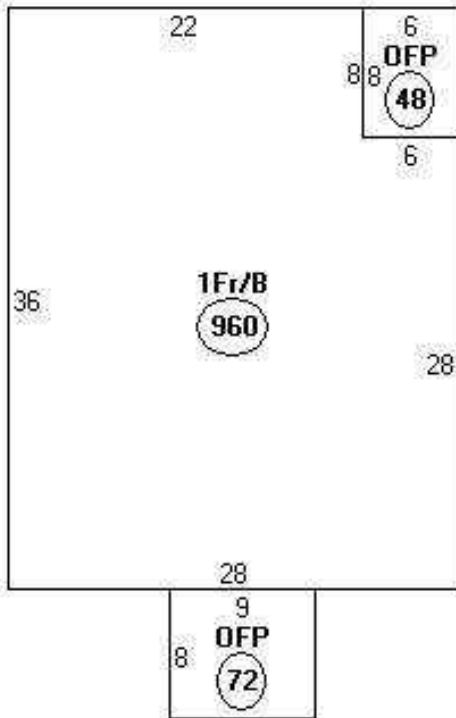


Sketches



Descriptor/Area

- A: 1Ms/B
1320 sqft
- B: WD
456 sqft
- C: WD/CPAT
80 sqft
- D: CPAT
128 sqft
- E: OFF
208 sqft



Descriptor/Area

- A: 1Fr/B
960 sqft
- B: OFF
48 sqft
- C: OFF
72 sqft

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Summary

Parcel Number 146-00-00-007
 Location Address 5419 ST JOHN RD
 Property Class Farm
 Tax District 00
 Acres 89
 Description

(Note: Not to be used on legal documents)

Subdivision
 Deed Book/ Deed Page 290-024
 Deed Date

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$400,800	\$400,800	\$400,800	\$0	\$0
+ Farm Land Value	\$37,100	\$37,100	\$103,400	\$103,400	\$99,200
+ Farm Residence Value	\$60,000	\$60,000	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$6,300	\$6,300	\$0	\$0	\$0
= Farm Ag Value	\$103,400	\$103,400	\$103,400	\$103,400	\$99,200
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$103,400	\$103,400	\$103,400	\$103,400	\$99,200

Owner

DRAKE JOHN T & SHIRLEY JEAN
 5705 ST JOHN RD
 ELIZABETHTOWN KY 42701-0000

Improvement Information

Description		Finished Basement %	0
Type of Residence	SPLIT LEVEL	Bedrooms	4
Year Built	1960	Full Baths	2
Num Stories	1	Half Baths	0
Above Ground Sqft	1900	Exterior	BRICK
Total Living Area	1900	Heat	GAS
Basement	CRAWL	Air Condition	BASIC
Basement Sqft	0	Fireplace	0
Basement Sqft Finish	0		

Outbuildings

Description	POLE FRAME BUILDING METAL, ONE SIDE OPEN	Square Footage	1440
Year Built	1965	Condition	D
<hr/>			
Description	POLE FRAME BUILDING WOOD, FOUR SIDES CLOSED	Square Footage	2400
Year Built	1960	Condition	D
<hr/>			
Description	POLE FRAME BUILDING WOOD, FOUR SIDES CLOSED	Square Footage	1440
Year Built	1960	Condition	D

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet

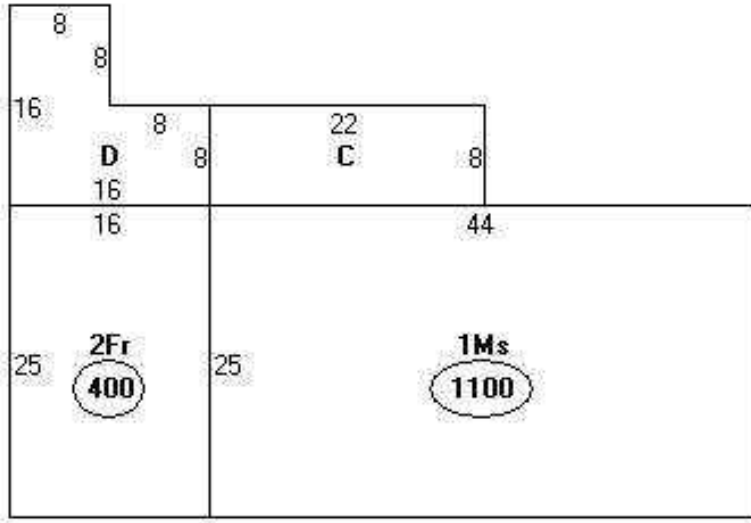


Sales by Distance

Photos



Sketches



Descriptor/Area

- A: 1Ms
1100 sqft
- B: 2Fr
400 sqft
- C: EMP
176 sqft
- D: WD
192 sqft

No data available for the following modules: Sales.

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Summary

Parcel Number 146-00-00-008
 Location Address 5413 ST JOHN RD
 Property Class Farm
 Tax District 00
 Acres 29
 Description
 (Note: Not to be used on legal documents)
 Subdivision
 Deed Book/ Deed Page 499-295
 Deed Date

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$129,400	\$129,400	\$129,400	\$0	\$0
+ Farm Land Value	\$16,200	\$16,200	\$45,700	\$45,700	\$36,500
+ Farm Residence Value	\$28,800	\$28,800	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$700	\$700	\$0	\$0	\$0
= Farm Ag Value	\$45,700	\$45,700	\$45,700	\$45,700	\$36,500
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$45,700	\$45,700	\$45,700	\$45,700	\$36,500

Owner

DRAKE GERTIE MAE LIFE EST
 5705 ST JOHN RD
 ELIZABETHTOWN KY 42701-0000

Improvement Information

Description
 Type of Residence 1-STORY RANCH
 Year Built 1966
 Num Stories 1
 Above Ground Sqft 720
 Total Living Area 720
 Basement CRAWL
 Basement Sqft 0
 Basement Sqft Finish 0

Finished Basement % 0
 Bedrooms 3
 Full Baths 1
 Half Baths 0
 Exterior BRICK
 Heat GAS
 Air Condition BASIC
 Fireplace 1

Outbuildings

Description CARPORT CARPORT
 Year Built 1960

Square Footage 576
 Condition D

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

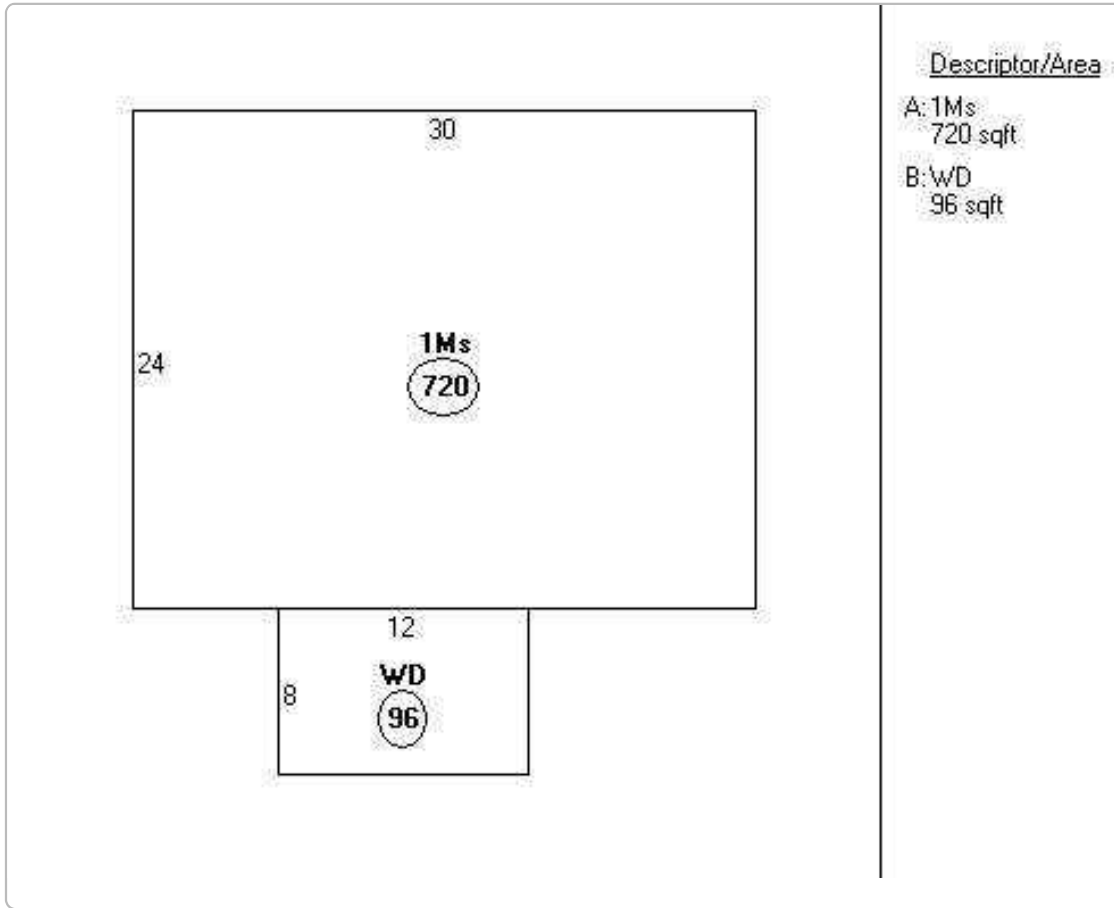
Feet 

Sales by Distance

Photos



Sketches



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Summary

Parcel Number 146-00-00-019
Location Address GOODMAN LN
Property Class Farm
Tax District 00
Acres 102
Description

(Note: Not to be used on legal documents)

Subdivision
Deed Book/ Deed Page 817-227
Deed Date

[View Map](#)

Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$368,000	\$368,000	\$368,000	\$0	\$0
+ Farm Land Value	\$33,700	\$33,700	\$33,700	\$33,700	\$33,700
+ Farm Residence Value	\$0	\$0	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$0	\$0	\$0	\$0	\$0
= Farm Ag Value	\$33,700	\$33,700	\$33,700	\$33,700	\$33,700
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$33,700	\$33,700	\$33,700	\$33,700	\$33,700

Owner

[WIMP KENNETH W](#)
 515 CRISP RD
 CECILIA KY 42724

Outbuildings

Description **Square Footage** 0
Year Built 0 **Condition**

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet ▼

Sales by Distance

Sketches

Descriptor/Area

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[Version 2.3.109](#)

Summary

Parcel Number 146-00-00-020.01
 Location Address GOODMAN LN
 Property Class Farm
 Tax District 00
 Acres 164.992
 Description
 (Note: Not to be used on legal documents)
 Subdivision
 Deed Book/ Deed Page 1427-1085
 Deed Date 08/04/2016

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$569,900	\$569,900	\$569,900	\$0	\$0
+ Farm Land Value	\$49,700	\$49,700	\$60,600	\$60,600	\$60,600
+ Farm Residence Value	\$0	\$0	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$10,900	\$10,900	\$0	\$0	\$0
= Farm Ag Value	\$60,600	\$60,600	\$60,600	\$60,600	\$60,600
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$60,600	\$60,600	\$60,600	\$60,600	\$60,600

Owner

[GOODMAN MICHAEL & TERRI -ETAL-](#)
 325 GOODMAN LN
 ELIZABETHTOWN KY 42701

Outbuildings

Description POLE FRAME BUILDING WOOD, FOUR SIDES CLOSED
 Year Built 1960
 Square Footage 2880
 Condition D

Description POLE FRAME BUILDING WOOD, FOUR SIDES CLOSED
 Year Built 1960
 Square Footage 1728
 Condition D

Description POLE FRAME BUILDING WOOD, FOUR SIDES CLOSED
 Year Built 1960
 Square Footage 3520
 Condition D

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
8/4/2016	\$0	1427-1085	GOODMAN EARL B & NELL M	GOODMAN MICHAEL & TERRI -ETAL-

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet

Sales by Distance

Photos



Sketches

Descriptor/Area

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[Version 2.3.109](#)

Summary

Parcel Number 146-00-00-021
 Location Address 256 GOODMAN LN
 Property Class Farm
 Tax District 00
 Acres 179
 Description

(Note: Not to be used on legal documents)

Subdivision
 Deed Book/ Deed Page 556-107
 Deed Date

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$743,000	\$743,000	\$743,000	\$0	\$0
+ Farm Land Value	\$63,600	\$63,600	\$168,100	\$168,100	\$165,000
+ Farm Residence Value	\$72,200	\$72,200	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$32,300	\$32,300	\$0	\$0	\$0
= Farm Ag Value	\$168,100	\$168,100	\$168,100	\$168,100	\$165,000
- Homestead Exemption	(\$40,500)	(\$39,300)	(\$39,300)	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$127,600	\$128,800	\$128,800	\$168,100	\$165,000

Owner

THOMAS FRANCIS A
 256 GOODMAN LN
 ELIZABETHTOWN KY 42701-0000

Improvement Information

Description
 Type of Residence 1-STORY RANCH
 Year Built 1969
 Num Stories 1
 Above Ground Sqft 1092
 Total Living Area 1092
 Basement FULL
 Basement Sqft 1092
 Basement Sqft Finish 0

Finished Basement % 0
 Bedrooms 3
 Full Baths 1
 Half Baths 0
 Exterior BRICK
 Heat ELECTRIC
 Air Condition CENTRAL/AC
 Fireplace 0

Outbuildings

Description POLE FRAME BUILDING METAL, FOUR SIDES CLOSED
 Year Built 1980

Square Footage 1500
 Condition D

Description POLE FRAME BUILDING WOOD, FOUR SIDES CLOSED
 Year Built 1960

Square Footage 1400
 Condition D

Description STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN
 Year Built 1970

Square Footage 400
 Condition D

Description STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN
 Year Built 1970

Square Footage 400
 Condition D

Description POLE FRAME BUILDING WOOD, FOUR SIDES CLOSED
 Year Built 1960

Square Footage 3360
 Condition D

Description POLE FRAME BUILDING METAL, FOUR SIDES CLOSED
 Year Built 2006

Square Footage 3150
 Condition C

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet



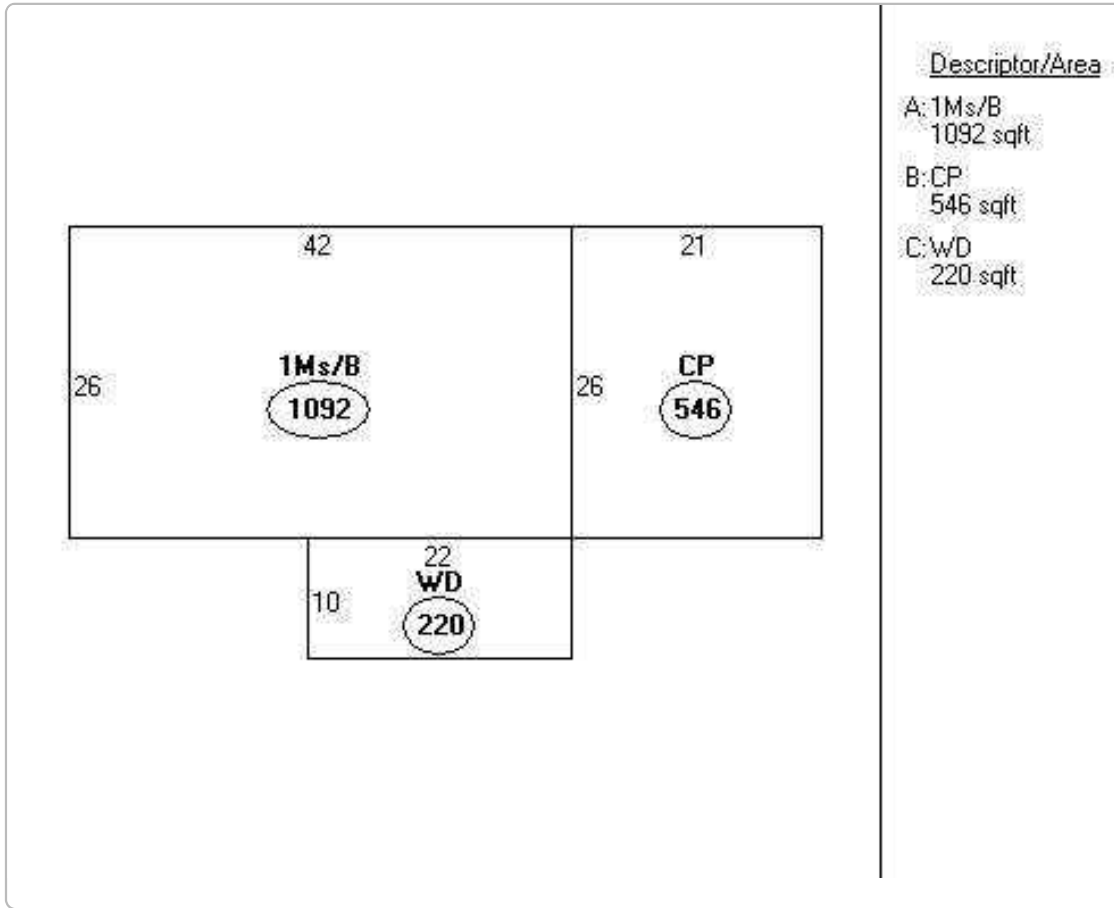
Sales by Distance

Photos





Sketches



Descriptor/Area

A: 1Ms/B
1092 sqft
B: CP
546 sqft
C: WD
220 sqft

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Summary

Parcel Number 146-00-00-022
Location Address BETHLEHEM ACADEMY RD OFF
Property Class Farm
Tax District 00
Acres 124.2
Description
(Note: Not to be used on legal documents)
Subdivision
Deed Book/ Deed Page 1229-515
Deed Date 06/07/2007

[View Map](#)

Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$375,100	\$375,100	\$375,100	\$0	\$0
+ Farm Land Value	\$33,500	\$33,500	\$33,500	\$33,500	\$33,500
+ Farm Residence Value	\$0	\$0	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$0	\$0	\$0	\$0	\$0
= Farm Ag Value	\$33,500	\$33,500	\$33,500	\$33,500	\$33,500
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$33,500	\$33,500	\$33,500	\$33,500	\$33,500

Owner

[HAYDEN MARION & KAROLYN](#)
 1955 HAYDEN SCHOOL RD
 CECILIA KY 42724

Outbuildings

Description	Square Footage	0
Year Built	0	Condition

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
6/7/2007	\$190,000	1229-515	HAYDEN JACOB B JR -ETAL-	HAYDEN MARION & KAROLYN
5/31/1996	\$187,000		THOMPSON WILLIAM -ETAL-	HAYDEN JACOB B JR -ETAL-

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet ▼

Sales by Distance

Sketches

Descriptor/Area

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[Version 2.3.109](#)

Summary

Parcel Number 146-00-00-026.01
 Location Address WIMPLN
 Property Class Farm
 Tax District 00
 Acres 79.545
 Description
 (Note: Not to be used on legal documents)
 Subdivision
 Deed Book/ Deed Page 1183-561
 Deed Date 03/16/2006

[View Map](#)

Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$298,200	\$298,200	\$298,200	\$0	\$0
+ Farm Land Value	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800
+ Farm Residence Value	\$0	\$0	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$0	\$0	\$0	\$0	\$0
= Farm Ag Value	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$28,800	\$28,800	\$28,800	\$28,800	\$28,800

Owner

WIMP HAROLD GENE
 443 METHODIST ST
 CECILIA KY 42724

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
3/16/2006	\$0			WIMP HAROLD GENE

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet 

Sales by Distance

Sketches

Descriptor/Area

No data available for the following modules: Improvement Information, Outbuildings, Photos.

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[Version 2.3.109](#)

Summary

Parcel Number 146-00-00-027
 Location Address 2603 HAYDEN SCHOOL RD
 Property Class Farm
 Tax District 00
 Acres 38
 Description (Note: Not to be used on legal documents)
 Subdivision
 Deed Book/ Deed Page 218-240
 Deed Date

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$277,000	\$277,000	\$277,000	\$0	\$0
+ Farm Land Value	\$20,200	\$20,200	\$129,300	\$129,300	\$122,800
+ Farm Residence Value	\$101,300	\$101,300	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$7,800	\$7,800	\$0	\$0	\$0
= Farm Ag Value	\$129,300	\$129,300	\$129,300	\$129,300	\$122,800
- Homestead Exemption	(\$40,500)	(\$39,300)	(\$39,300)	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$88,800	\$90,000	\$90,000	\$129,300	\$122,800

Owner

EDWARDS EDITH M
 POB 55
 CECILIA KY 42724-0112

Improvement Information

Description		Finished Basement %	0
Type of Residence	1-STORY RANCH	Bedrooms	3
Year Built	1969	Full Baths	2
Num Stories	1	Half Baths	0
Above Ground Sqft	1500	Exterior	BRICK
Total Living Area	1500	Heat	ELECTRIC
Basement	FULL	Air Condition	CENTRAL/AC
Basement Sqft	1500	Fireplace	0
Basement Sqft Finish	0		

Outbuildings

Description	GARAGE FRAME OR CONCRETE BLOCK DETACHED GARAGE	Square Footage	528
Year Built	1970	Condition	D

Description	POLE FRAME BUILDING METAL, FOUR SIDES CLOSED	Square Footage	2400
Year Built	1970	Condition	D

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

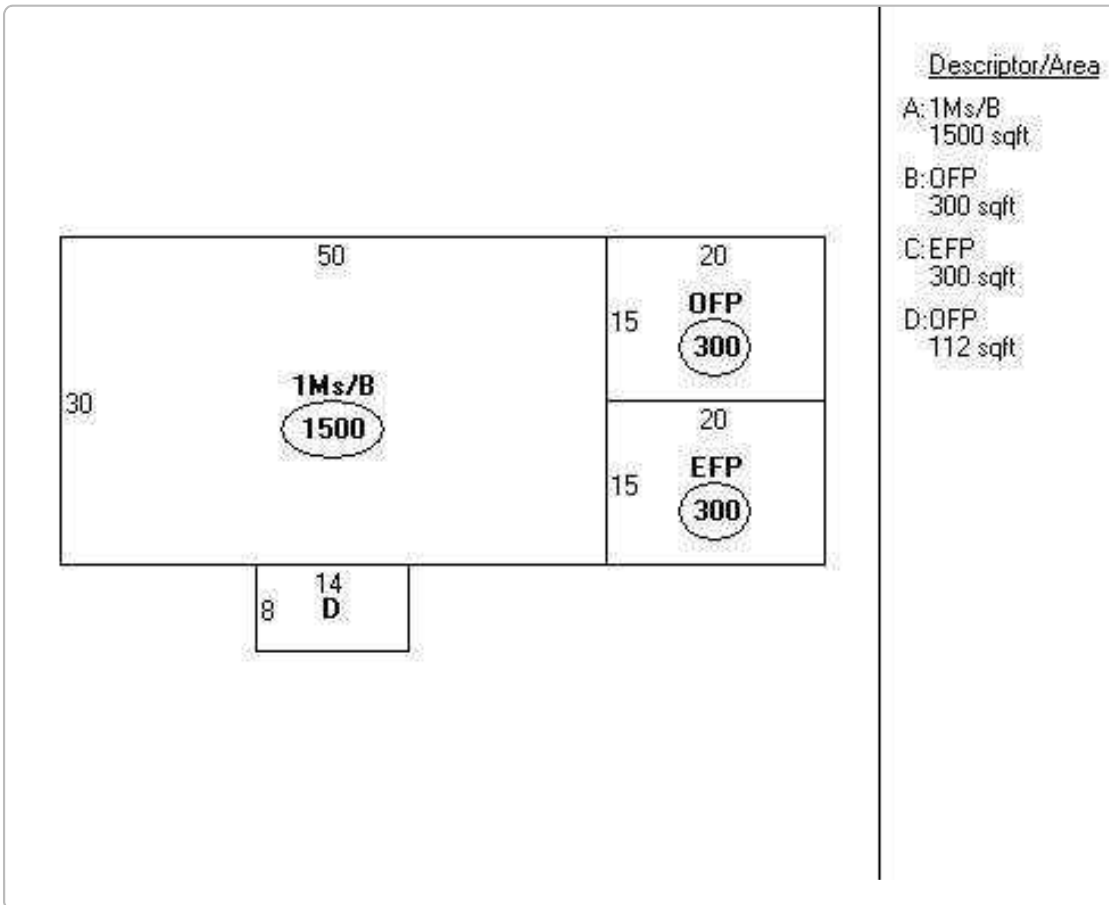
Feet 

Sales by Distance

Photos



Sketches



No data available for the following modules: Sales.

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[Version 2.3.109](#)

Summary

Parcel Number 147-00-00-011.03
Location Address WIMP LN
Property Class Farm
Tax District 00
Acres 123.973
Description TRACTS A & B
(Note: Not to be used on legal documents)
Subdivision TRACTS A & B
Deed Book/ Deed Page 1472-543
Deed Date 05/01/2019

[View Map](#)

Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$544,400	\$544,400	\$544,400	\$0	\$0
+ Farm Land Value	\$46,600	\$46,600	\$46,600	\$0	\$0
+ Farm Residence Value	\$0	\$0	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$0	\$0	\$0	\$0	\$0
= Farm Ag Value	\$46,600	\$46,600	\$46,600	\$0	\$0
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$46,600	\$46,600	\$46,600	\$0	\$0

Owner

[WOODEN JOYCE WIMP](#)
 309 WIMP LN
 CECILIA KY 42724

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
5/1/2019	\$0	1472-543	WIMP JOYCE	WOODEN JOYCE WIMP

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet ▼

Sales by Distance

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[Version 2.3.109](#)

Summary

Parcel Number 147-00-00-011
 Location Address 309 WIMPL LN
 Property Class Residential
 Tax District 00
 Acres 2.86
 Description WIMP EST LT 3 #3
 (Note: Not to be used on legal documents)
 Subdivision WIMP EST
 Deed Book/ Deed Page 1472-543
 Deed Date 05/01/2019

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Residential Land Value	\$20,600	\$20,600	\$0	\$0	\$0
+ Residential Improvement Value	\$158,200	\$158,200	\$0	\$0	\$0
= Residential Total Value	\$178,800	\$178,800	\$0	\$0	\$0
- Homestead Exemption	(\$40,500)	(\$39,300)	(\$39,300)	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$138,300	\$139,500	\$139,500	\$208,700	\$208,700

Owner

[WOODEN JOYCE WIMP](#)
 309 WIMP LN
 CECILIA KY 42724-0000

Improvement Information

Description	WIMP EST LT 3 #3	Finished Basement %	100
Type of Residence	1-STORY RANCH	Bedrooms	3
Year Built	1981	Full Baths	2
Num Stories	1	Half Baths	0
Above Ground Sqft	1614	Exterior	BRICK
Total Living Area	2868	Heat	ELECTRIC
Basement	FULL	Air Condition	CENTRAL/AC
Basement Sqft	1254	Fireplace	1
Basement Sqft Finish	1254		

Outbuildings

Description	POLE FRAME BUILDING METAL, FOUR SIDES CLOSED	Square Footage	1440
Year Built	1970	Condition	D
<hr/>			
Description	STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN	Square Footage	360
Year Built	1970	Condition	D
<hr/>			
Description	STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN	Square Footage	360
Year Built	1970	Condition	D
<hr/>			
Description	STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN	Square Footage	360
Year Built	1970	Condition	D
<hr/>			
Description	STEEL GRAIN BIN STEEL GRAIN BIN, WITHOUT DRYING BIN	Square Footage	360
Year Built	1970	Condition	D
<hr/>			
Description	SILO CONCRETE STAVE, WITH ROOF	Square Footage	1080
Year Built	1960	Condition	D
<hr/>			
Description	SILO CONCRETE STAVE, WITH ROOF	Square Footage	1080
Year Built	1960	Condition	D
<hr/>			
Description	POLE FRAME BUILDING METAL, ONE SIDE OPEN	Square Footage	2160
Year Built	1960	Condition	D

Description POLE FRAME BUILDING METAL, FOUR SIDES CLOSED
Year Built 2008

Square Footage 2400
Condition C

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
5/1/2019	\$0	1472-543	WIMP JOYCE	WOODEN JOYCE WIMP

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

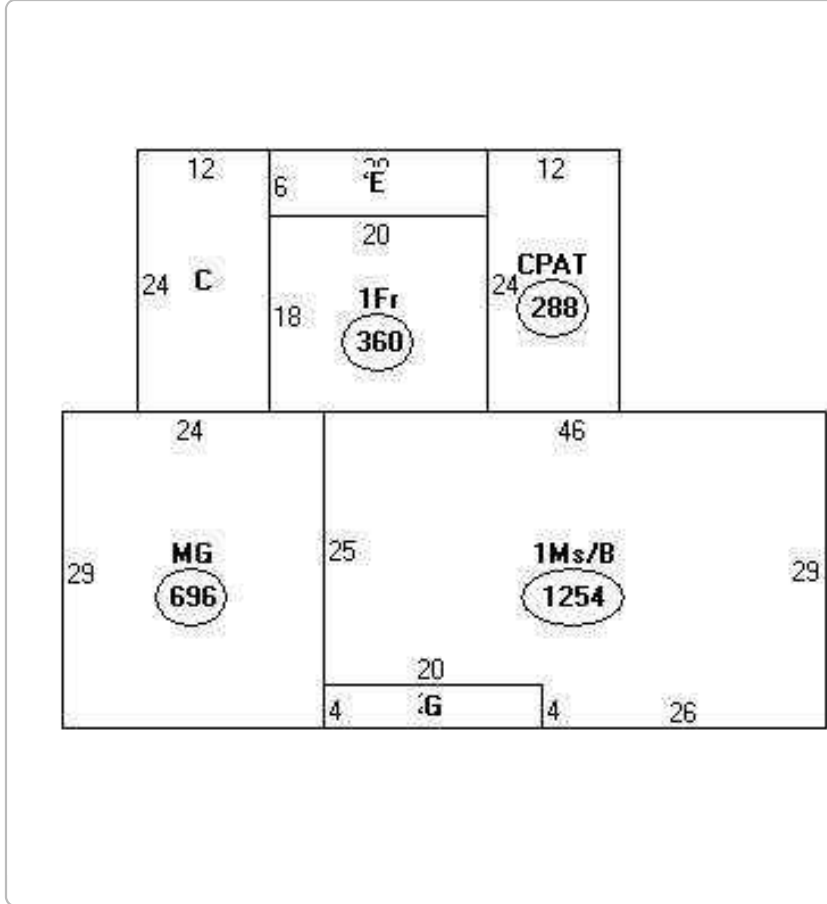
Feet

Sales by Distance

Photos



Sketches



Descriptor/Area

- A: 1Ms/B
1254 sqft
- B: MG
696 sqft
- C: CNPY/CPAT
288 sqft
- D: 1Fr
360 sqft
- E: OFF
120 sqft
- F: CPAT
288 sqft
- G: OFF
80 sqft

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Summary

Parcel Number 167-00-00-005
 Location Address CECILIA RD
 Property Class Residential
 Tax District 00
 Acres 2.24
 Description
 (Note: Not to be used on legal documents)

Subdivision
 Deed Book/ Deed Page 1340-979
 Deed Date 10/26/2010

[View Map](#)

Valuation

	2021	2020	2019	2018	2017
Residential Land Value	\$16,900	\$16,900	\$0	\$0	\$0
+ Residential Improvement Value	\$0	\$0	\$0	\$0	\$0
= Residential Total Value	\$16,900	\$16,900	\$0	\$0	\$0
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$16,900	\$16,900	\$16,900	\$16,900	\$16,900

Owner

[METS LAND LLC](#)
 277 WINNING COLORS BLVD
 ELIZABETH TOWN KY 42701-0000

Outbuildings

Description
 Year Built 0

Square Footage 0
 Condition

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
10/26/2010	\$607,400	1340-979	THOMAS MAGGIE EUDEAN	METS LAND LLC

Sale date range:

From:

To:

Feet

Sketches

Descriptor/Area

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Summary

Parcel Number 167-00-00-006.02
 Location Address CECILIA RD
 Property Class Farm
 Tax District 00
 Acres 212.499
 Description

(Note: Not to be used on legal documents)

Subdivision
 Deed Book/ Deed Page 1340-979
 Deed Date

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$717,600	\$717,600	\$717,600	\$0	\$0
+ Farm Land Value	\$70,800	\$70,800	\$82,800	\$82,800	\$86,100
+ Farm Residence Value	\$0	\$0	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$12,000	\$12,000	\$0	\$0	\$0
= Farm Ag Value	\$82,800	\$82,800	\$82,800	\$82,800	\$86,100
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$82,800	\$82,800	\$82,800	\$82,800	\$86,100

Owner

[METS LAND LLC](#)
 277 WINNING COLORS BLVD
 ELIZABETH TOWN KY 42701

Outbuildings

Description POLE FRAME BUILDING WOOD, FOUR SIDES CLOSED
 Year Built 1960
 Square Footage 5460
 Condition D

Description POLE FRAME BUILDING WOOD, FOUR SIDES CLOSED
 Year Built 1960
 Square Footage 1344
 Condition D

Description POLE FRAME BUILDING METAL, ONE SIDE OPEN
 Year Built 1960
 Square Footage 2145
 Condition D

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet 

Sales by Distance

Photos



Sketches

Descriptor/Area

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Summary

Parcel Number 167-00-00-006
 Location Address 2151 CECILIA RD
 Property Class Residential
 Tax District 00
 Acres 5.001
 Description METSLAND SUBD LT 1
 (Note: Not to be used on legal documents)
 Subdivision METSLAND SUBD
 Deed Book/ Deed Page 1372-1030
 Deed Date 12/20/2012

[View Map](#)



Valuation

	2021	2020	2019	2018	2017
Residential Land Value	\$35,000	\$35,000	\$0	\$0	\$0
+ Residential Improvement Value	\$101,200	\$90,000	\$0	\$0	\$0
= Residential Total Value	\$136,200	\$125,000	\$0	\$0	\$0
- Homestead Exemption	(\$40,500)	(\$39,300)	(\$39,300)	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$95,700	\$85,700	\$85,700	\$125,000	\$125,000

Owner

EVANS MARY JO THOMAS &
 2151 CECILIA RD
 ELIZABETHTOWN KY 42701

Improvement Information

Description	METSLAND SUBD LT 1	Finished Basement %	0
Type of Residence	1-STORY RANCH	Bedrooms	3
Year Built	1969	Full Baths	1
Num Stories	1	Half Baths	0
Above Ground Sqft	1056	Exterior	STONE
Total Living Area	1056	Heat	OIL
Basement	FULL	Air Condition	CENTRAL/AC
Basement Sqft	1056	Fireplace	0
Basement Sqft Finish	0		

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
12/20/2012	\$125,000	1372-1030	METSLAND LLC	EVANS MARY JO THOMAS &
10/26/2010	\$607,400	1340-979	THOMAS MAGGIE EUDEAN	METSLAND LLC

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet

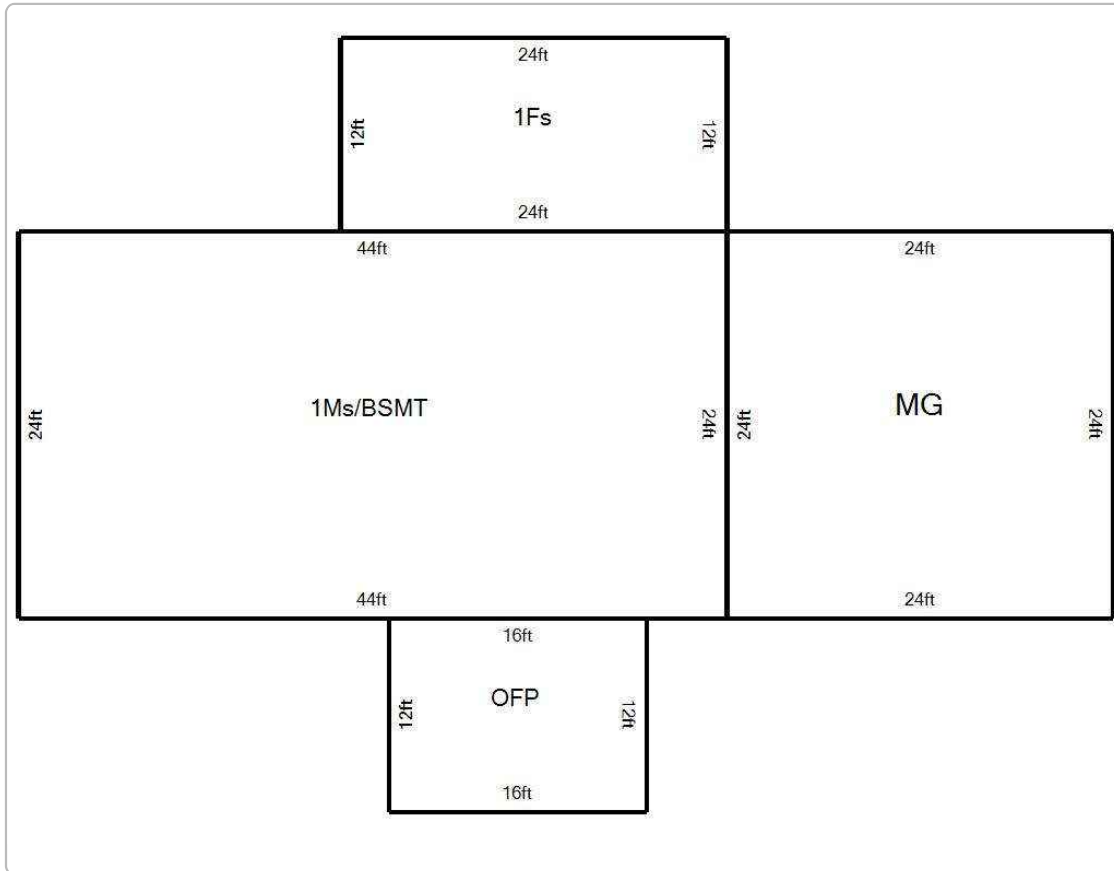


Sales by Distance

Photos



Sketches



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Summary

Parcel Number 167-00-00-007.02
Location Address CECILIA RD
Property Class Farm
Tax District 00
Acres 35
Description

(Note: Not to be used on legal documents)

Subdivision
Deed Book/ Deed Page 1025-243
Deed Date 01/28/2002

[View Map](#)

Valuation

	2021	2020	2019	2018	2017
Farm Fair Cash Value	\$175,000	\$175,000	\$175,000	\$0	\$0
+ Farm Land Value	\$13,800	\$13,800	\$13,800	\$13,800	\$13,800
+ Farm Residence Value	\$0	\$0	\$0	\$0	\$0
+ Farm Special Adjustment Value	\$0	\$0	\$0	\$0	\$0
= Farm Ag Value	\$13,800	\$13,800	\$13,800	\$13,800	\$13,800
- Homestead Exemption	\$0	\$0	\$0	\$0	\$0
- Disability Exemption	\$0	\$0	\$0	\$0	\$0
= Taxable Assessment Total	\$13,800	\$13,800	\$13,800	\$13,800	\$13,800

Owner

REED CAROL HAYDEN & DAVID K
 281 REED FARM RD
 MARTIN TN 38237

Sales

Sale Date	Sale Price	Deed Book/Page	Grantor	Grantee
1/28/2002	\$30,000	1025-243		REED CAROL HAYDEN & DAVID K

Sale date range:

From:

03/05/2018

To:

03/05/2021

Sales by Area

1500

Feet ▼

Sales by Distance

Sketches

Descriptor/Area

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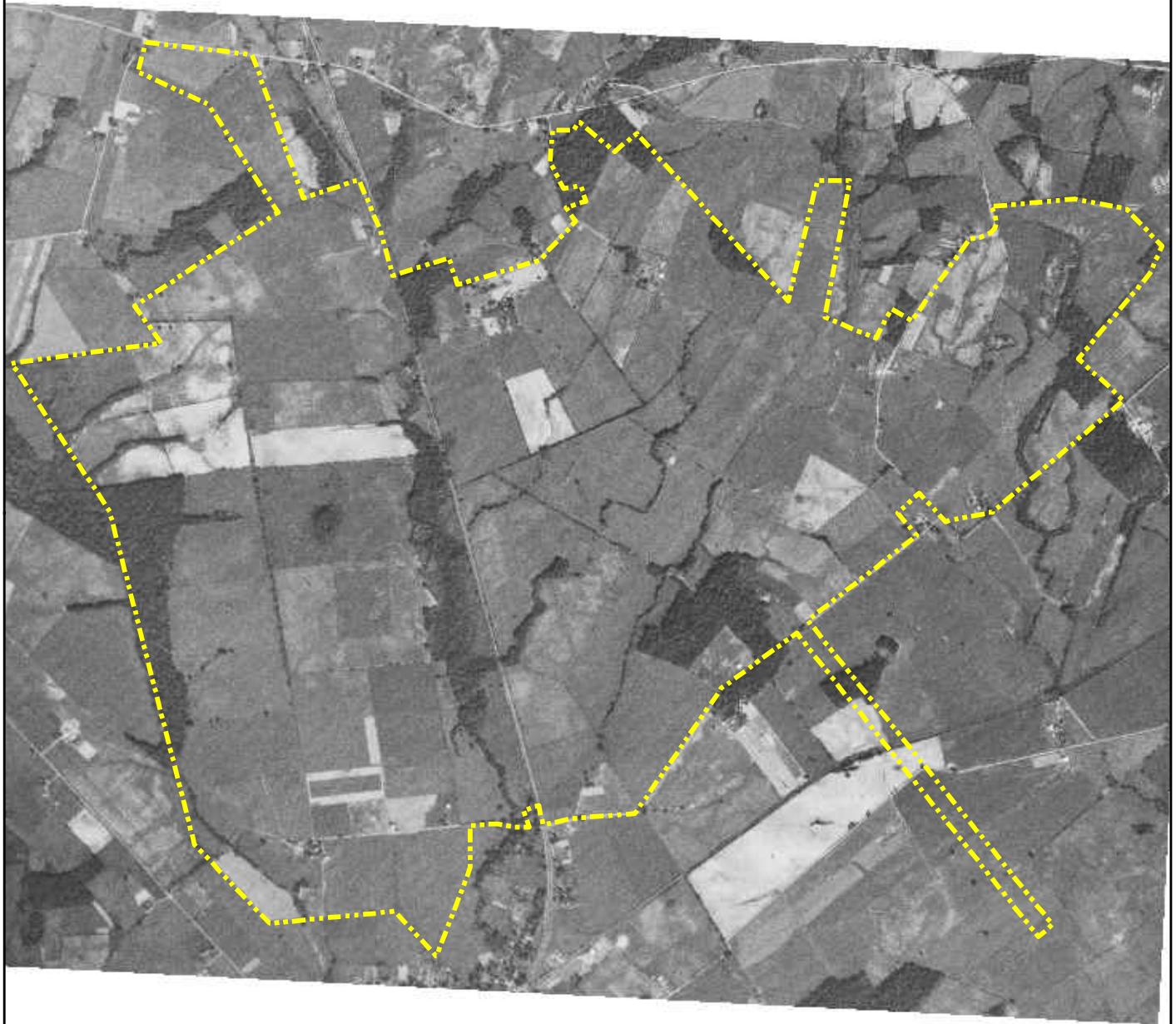



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APPENDIX D

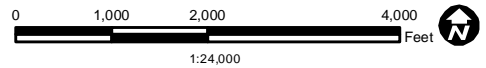
Aerial Photographs



 Site Boundary



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Phase I Environmental Site Assessment
Telesto Solar Property
**Historical Aerial Photograph
1959**

Hardin County, Kentucky

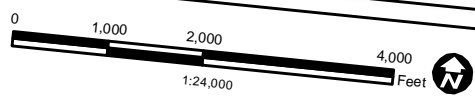
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XEN007_01_AppD_HistoricalAerials.mxd
Edited: 3/15/2021 By: dreed



 Site Boundary



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Phase I Environmental Site Assessment
Telesto Solar Property
**Historical Aerial Photograph
1960**

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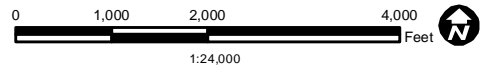


 Site Boundary



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Phase I Environmental Site Assessment
Telesto Solar Property
Historical Aerial Photograph
1967

Hardin County, Kentucky

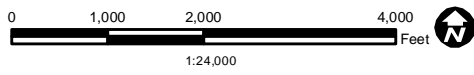
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XEN007_01_AppD_HistoricalAerials.mxd
Edited: 3/15/2021 By: dreed



 Site Boundary



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Phase I Environmental Site Assessment
Telesto Solar Property
**Historical Aerial Photograph
1983**

Hardin County, Kentucky

File Name:
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Edited: 3/15/2021 By: dreed

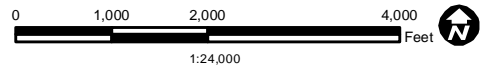


 Site Boundary



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Phase I Environmental Site Assessment
Telesto Solar Property
**Historical Aerial Photograph
1988**

Hardin County, Kentucky

File Name:
XEN007_01_AppD_HistoricalAerials.mxd
Edited: 3/15/2021 By: dreed

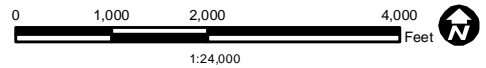


 Site Boundary



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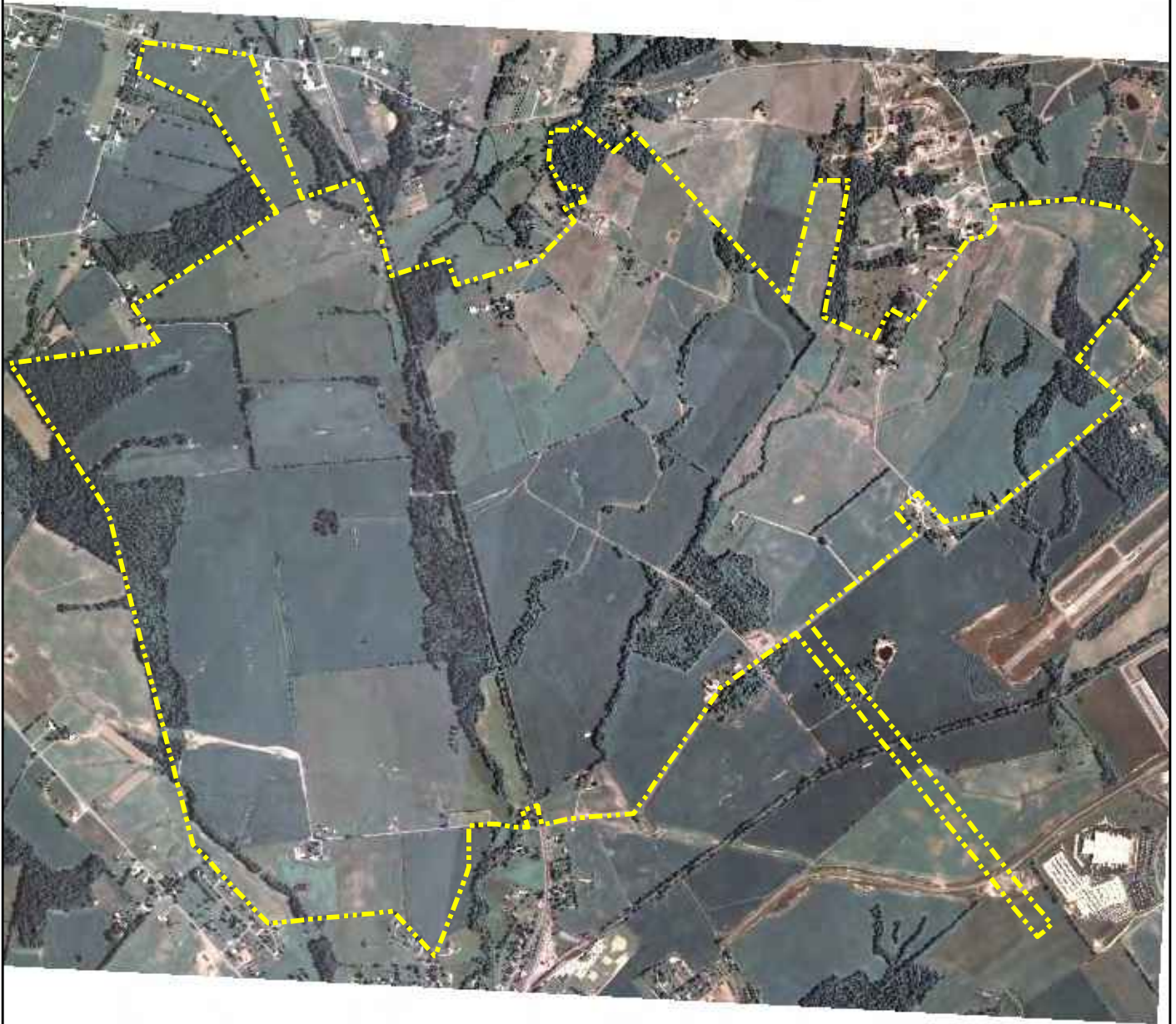
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Phase I Environmental Site Assessment
Telesto Solar Property
Historical Aerial Photograph
1997

Hardin County, Kentucky

File Name:
XEN007_01_AppD_HistoricalAerials.mxd
Edited: 3/15/2021 By: dreed

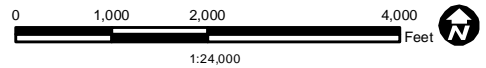


 Site Boundary



DISCLAIMER

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Source: The aerial photo was acquired through Environmental Data Resources (EDR).



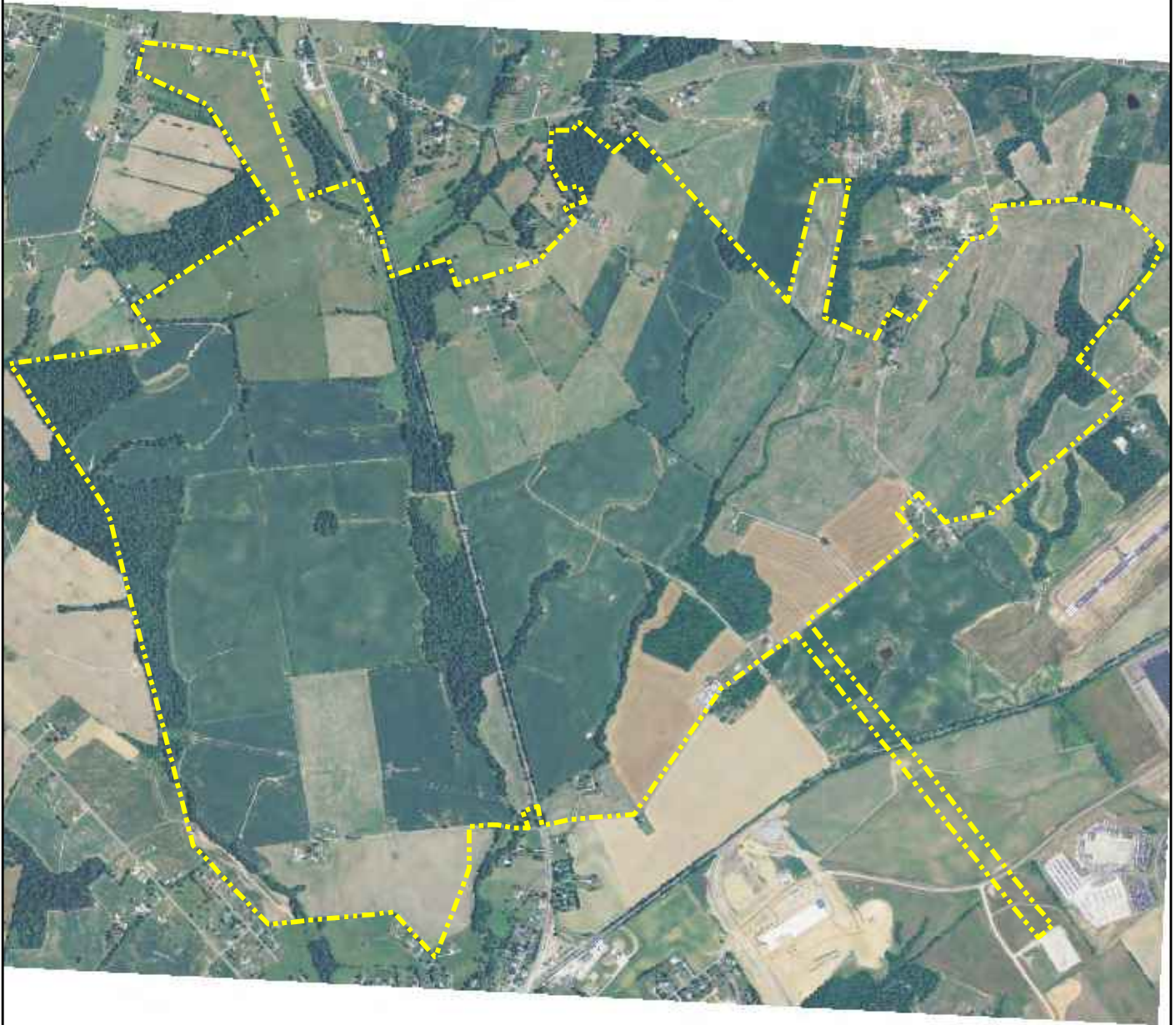
4 Hemisphere Way
Bedford, Ohio 44146


Phone: (440) 232-9945
Fax: (614) 360-0023
www.hullinc.com

Phase I Environmental Site Assessment
Telesto Solar Property
**Historical Aerial Photograph
2008**

Hardin County, Kentucky

File Name:
XEN007_01_AppD_HistoricalAerials.mxd
Edited: 3/15/2021 By: dreed

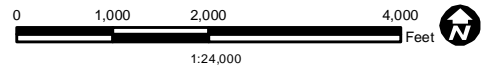


 Site Boundary



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Source: The aerial photo was acquired through Environmental Data Resources (EDR).



4 Hemisphere Way
Bedford, Ohio 44146


Phone: (440) 232-9945
Fax: (614) 360-0023
www.hullinc.com

Phase I Environmental Site Assessment
Telesto Solar Property
**Historical Aerial Photograph
2012**

Hardin County, Kentucky

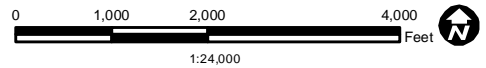
File Name:
XEN007_01_AppD_HistoricalAerials.mxd
Edited: 3/15/2021 By: dreed



 Site Boundary



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Source: The aerial photo was acquired through Environmental Data Resources (EDR).

HULL
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 Fax: (614) 360-0023
 www.hullinc.com

Phase I Environmental Site Assessment
 Telesto Solar Property
**Historical Aerial Photograph
 2016**

Hardin County, Kentucky

File Name:
 XEN007_01_AppD_HistoricalAerials.mxd
 Edited: 3/15/2021 By: dreed

APPENDIX E

Historical Land Use Maps

APPENDIX E-1

Sanborn Fire Insurance Maps

Telesto Solar Property
Hardin County, Kentucky
Hardin County, KY 42701

Inquiry Number: 6399068.2

March 10, 2021

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

03/10/21

Site Name:

Telesto Solar Property
Hardin County, Kentucky
Hardin County, KY 42701
EDR Inquiry # 6399068.2

Client Name:

Hull & Associates, Inc.
4 Hemishpere Way
Bedford, OH 44146
Contact: Amanda K. Green



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Hull & Associates, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 607B-4BA8-9F45
PO # XEN007.01ESA.JSK01
Project XEN007

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 607B-4BA8-9F45

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX E-2

Historical Topographic Maps

Telesto Solar Property
Hardin County, Kentucky
Hardin County, KY 42701

Inquiry Number: 6399068.4

March 10, 2021

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

03/10/21

Site Name:

Telesto Solar Property
Hardin County, Kentucky
Hardin County, KY 42701
EDR Inquiry # 6399068.4

Client Name:

Hull & Associates, Inc.
4 Hemishpere Way
Bedford, OH 44146
Contact: Amanda K. Green



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Hull & Associates, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	XEN007.01ESA.JSK01	Latitude:	37.684722 37° 41' 5" North
Project:	XEN007	Longitude:	-85.957222 -85° 57' 26" West
		UTM Zone:	Zone 16 North
		UTM X Meters:	591944.98
		UTM Y Meters:	4171346.73
		Elevation:	740.00' above sea level

Maps Provided:

2013	1938
1992	1935
1987	
1982	
1967	
1960	
1949	
1948	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets



Cecilia
2013
7.5-minute, 24000

1992 Source Sheets



Cecilia
1992
7.5-minute, 24000
Aerial Photo Revised 1988

1987 Source Sheets



Cecilia
1987
7.5-minute, 24000
Aerial Photo Revised 1984

1982 Source Sheets



Cecilia
1982
7.5-minute, 24000
Aerial Photo Revised 1979

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1967 Source Sheets



Cecilia
1967
7.5-minute, 24000
Aerial Photo Revised 1967

1960 Source Sheets



Cecilia
1960
7.5-minute, 24000
Aerial Photo Revised 1947

1949 Source Sheets



Elizabethtown
1949
15-minute, 62500
Aerial Photo Revised 1947

1948 Source Sheets

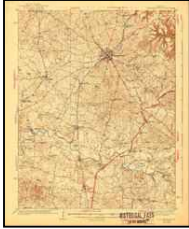


Cecilia
1948
7.5-minute, 24000
Aerial Photo Revised 1947

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1938 Source Sheets

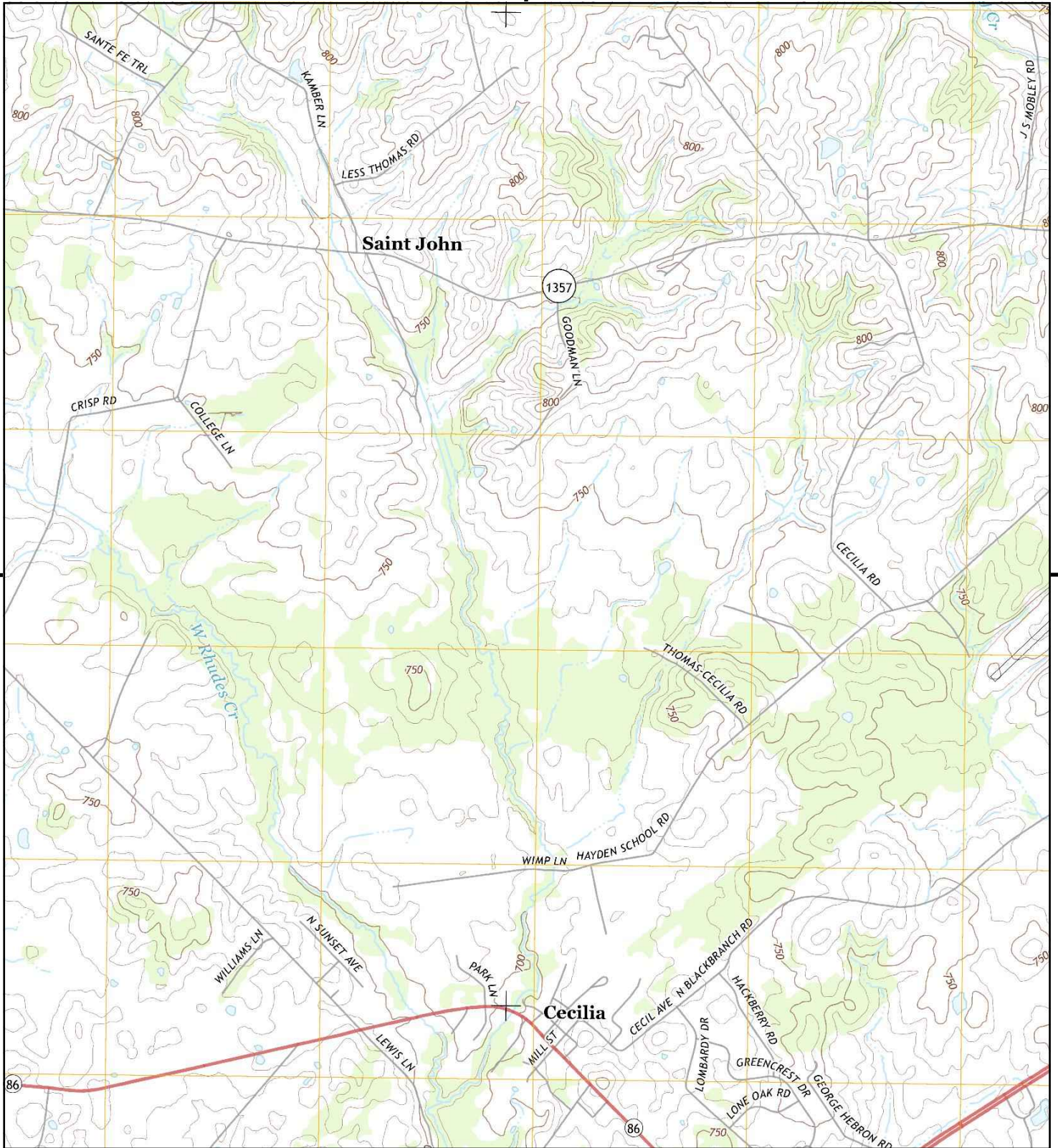


Elizabethtown
1938
15-minute, 62500

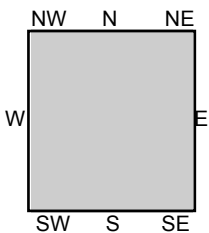
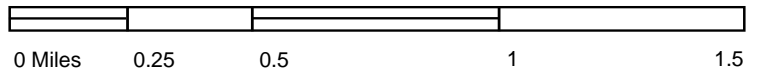
1935 Source Sheets



Elizabethtown
1935
15-minute, 48000



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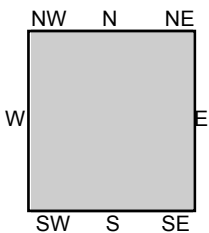
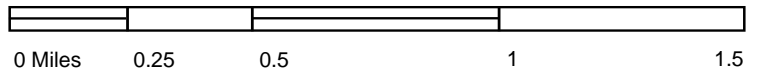
TP, Cecilia, 2013, 7.5-minute

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
 Hardin County, KY 42701
CLIENT: Hull & Associates, Inc.





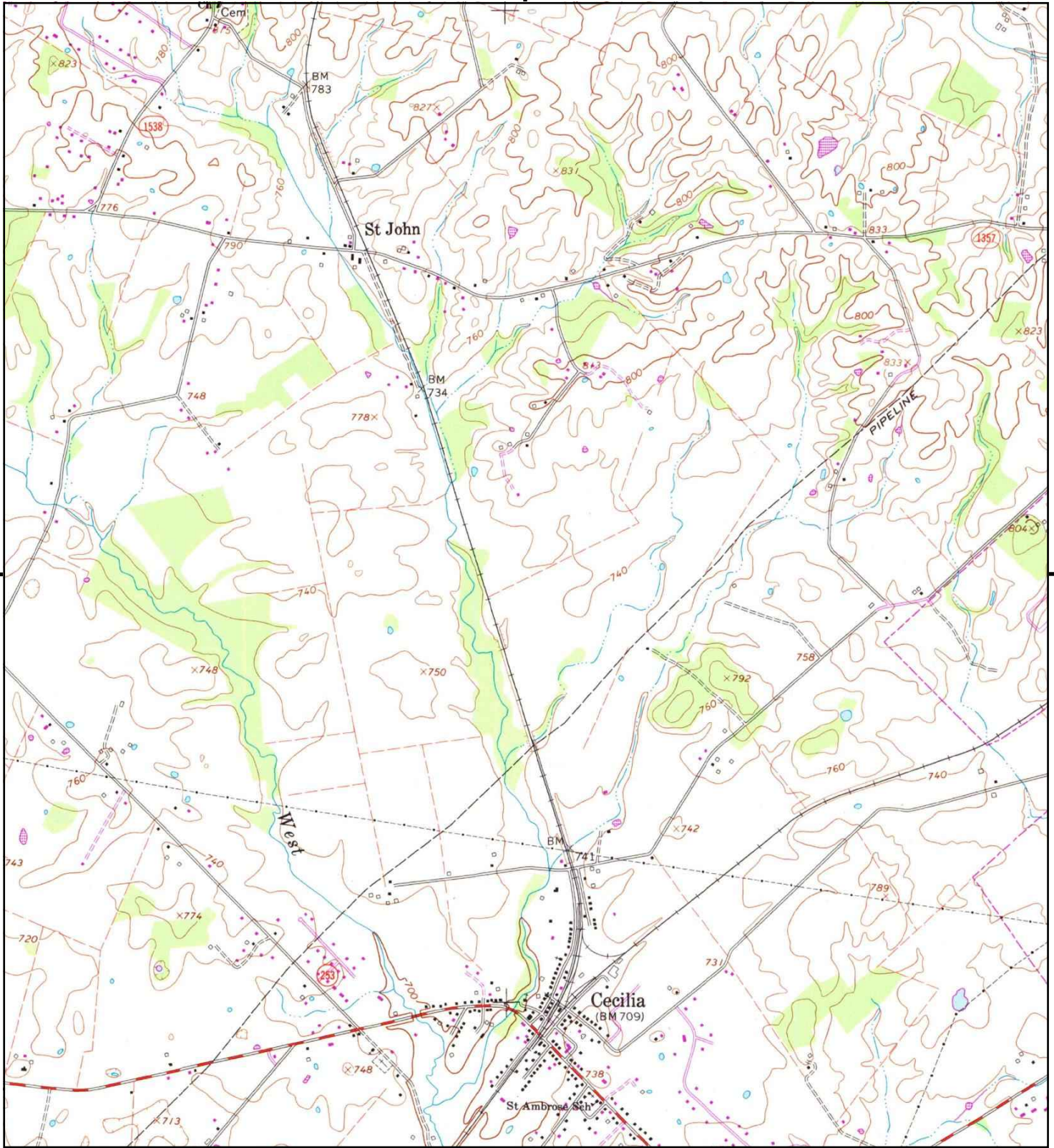
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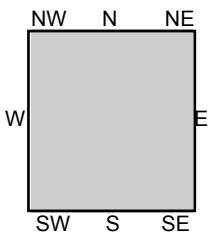
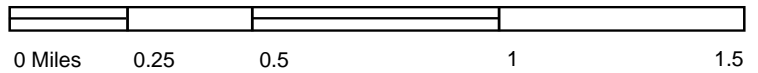
TP, Cecilia, 1992, 7.5-minute

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
 Hardin County, KY 42701
CLIENT: Hull & Associates, Inc.





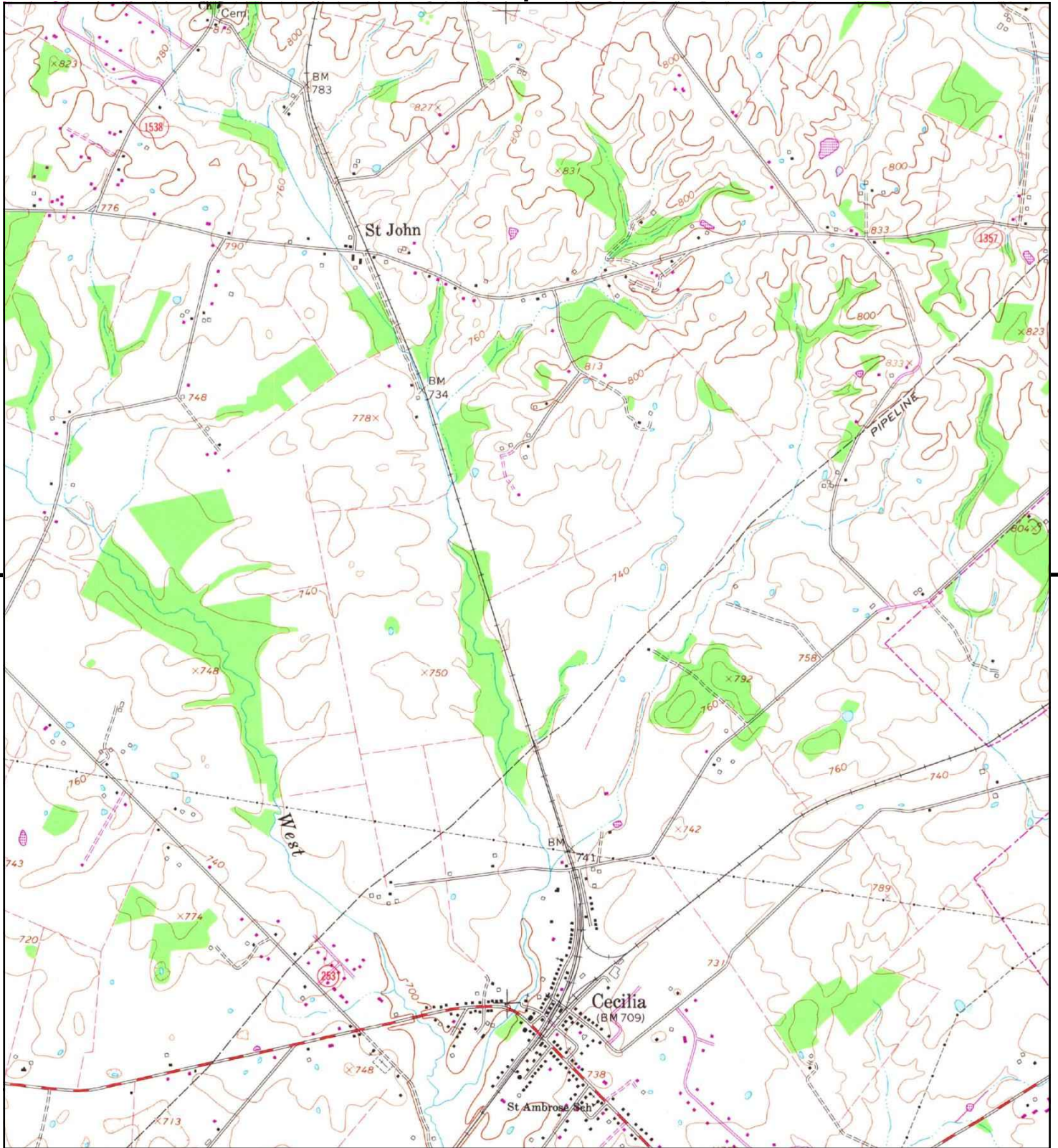
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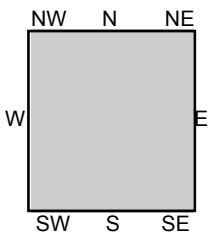
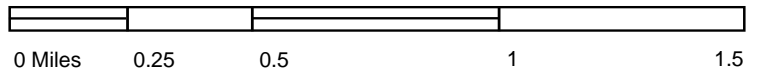
TP, Cecilia, 1987, 7.5-minute

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
 Hardin County, KY 42701
CLIENT: Hull & Associates, Inc.





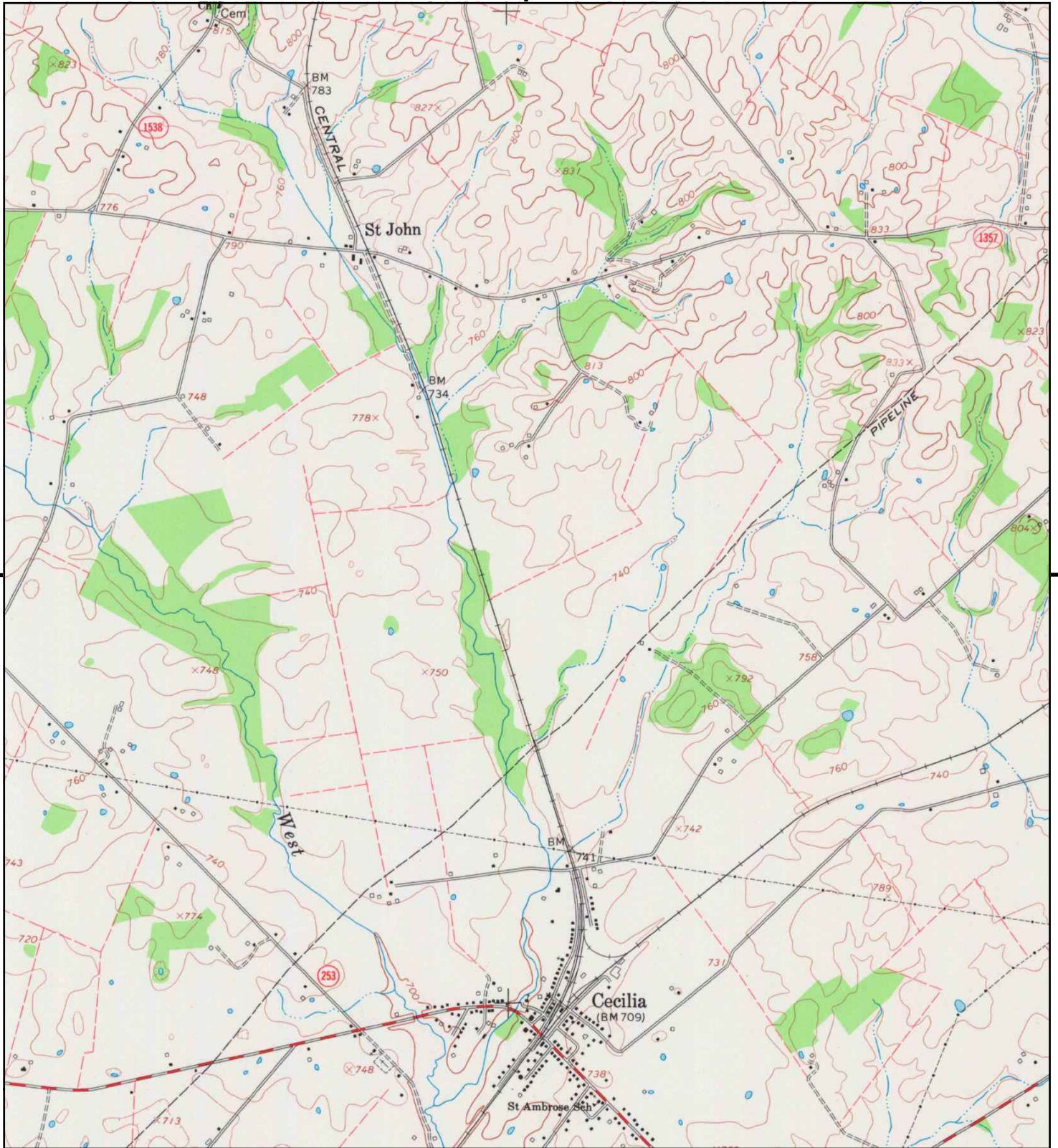
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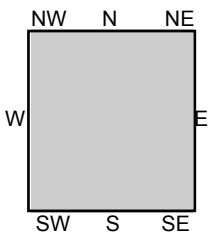
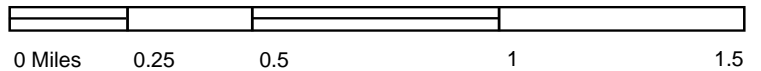
TP, Cecilia, 1982, 7.5-minute

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
 Hardin County, KY 42701
CLIENT: Hull & Associates, Inc.





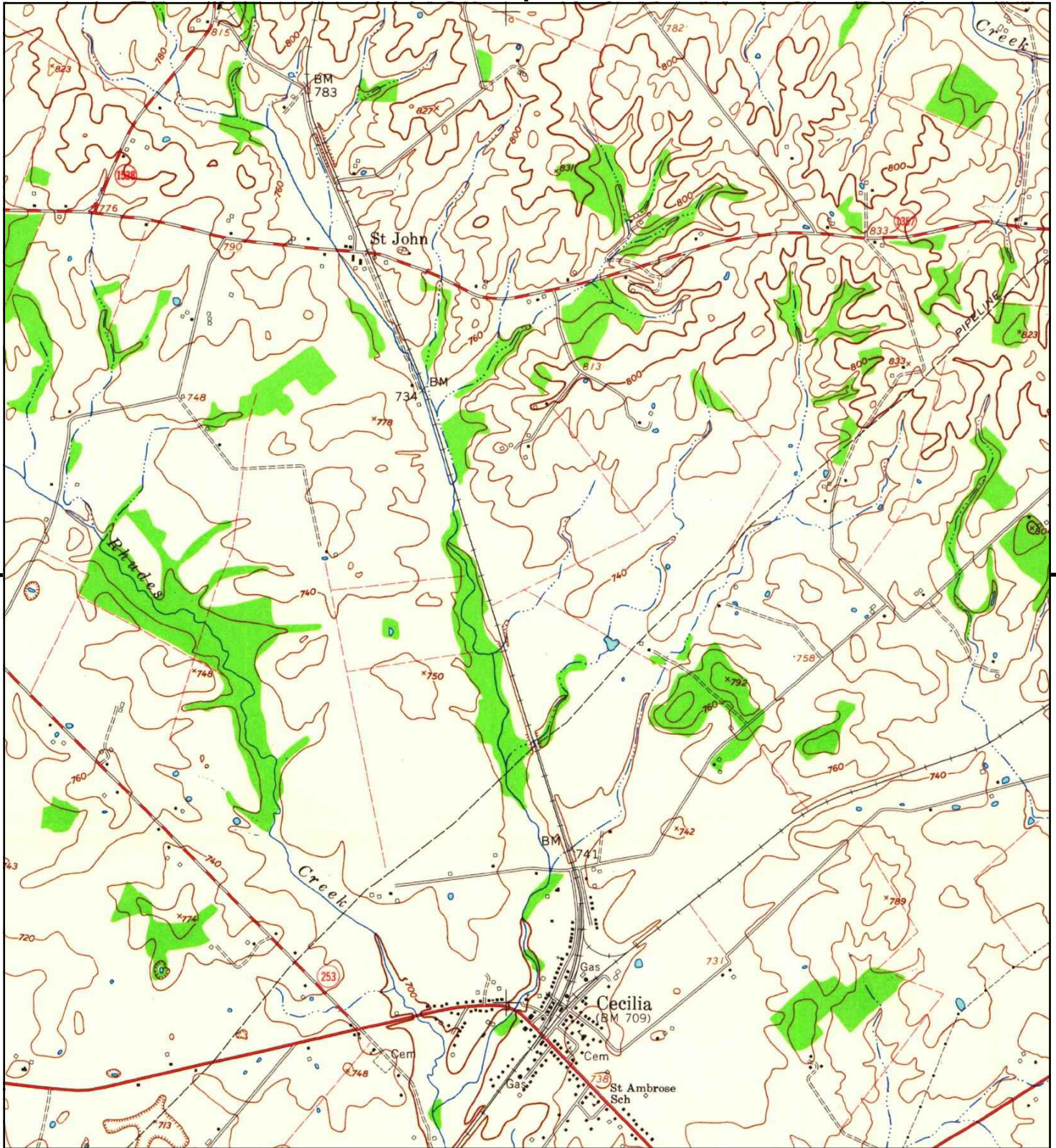
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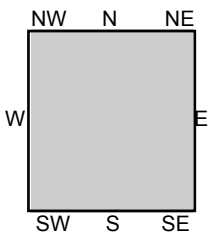
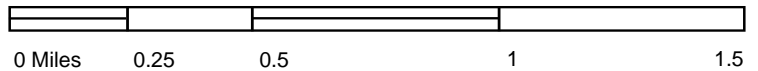
TP, Cecilia, 1967, 7.5-minute

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
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CLIENT: Hull & Associates, Inc.





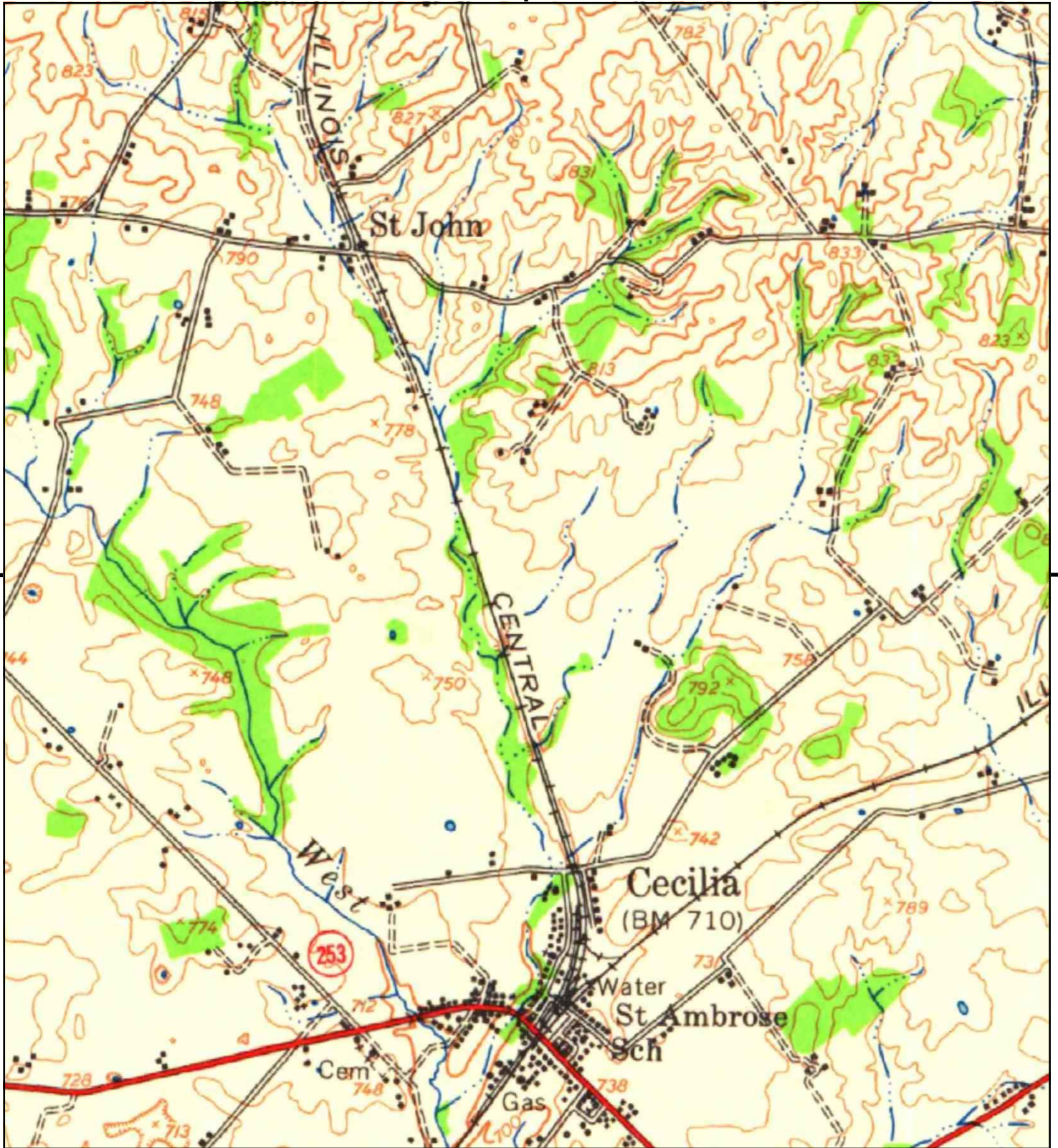
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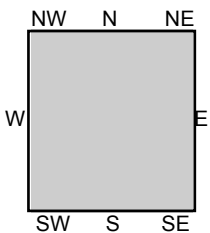
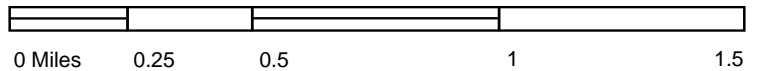
TP, Cecilia, 1960, 7.5-minute

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
 Hardin County, KY 42701
CLIENT: Hull & Associates, Inc.





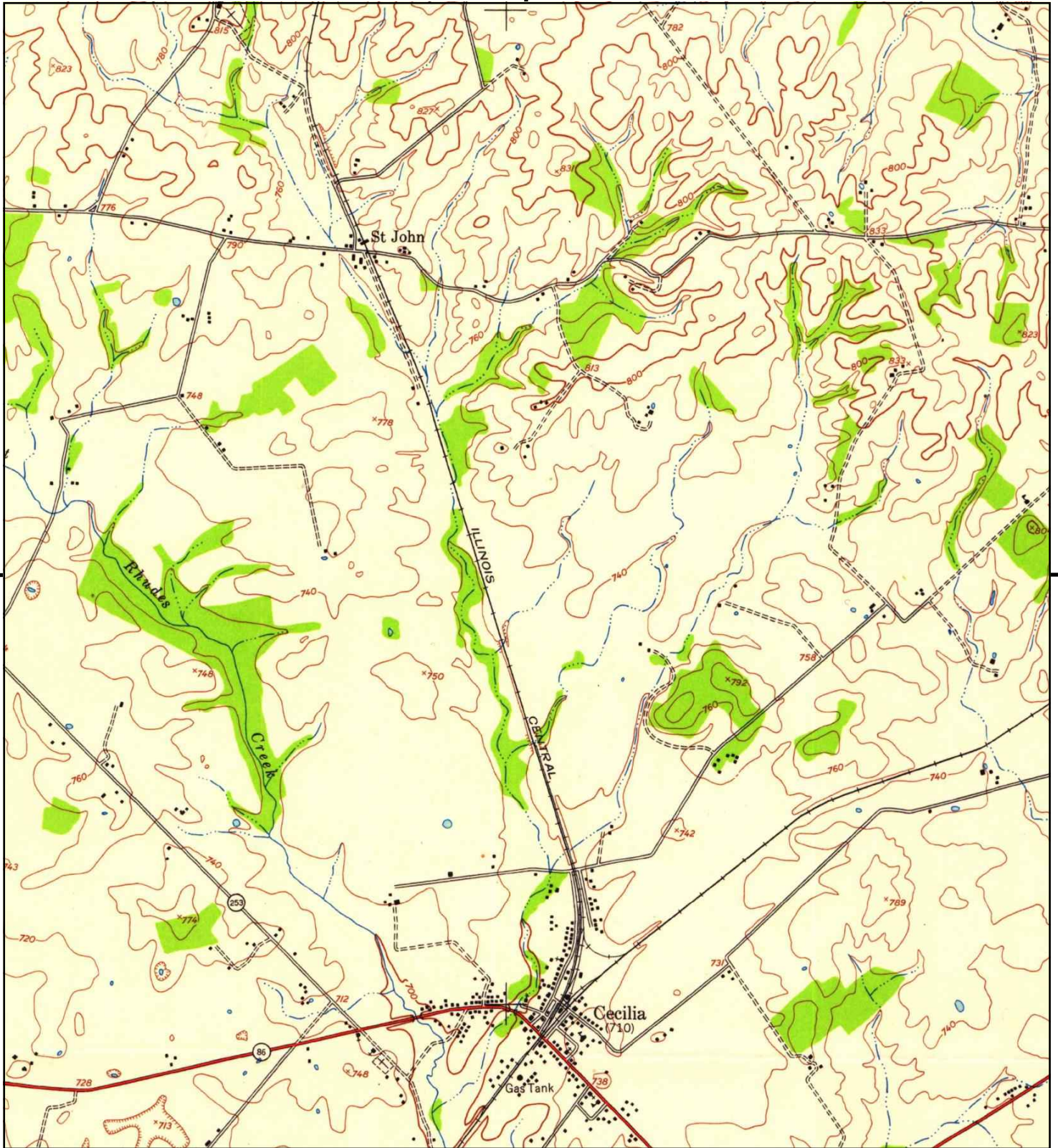
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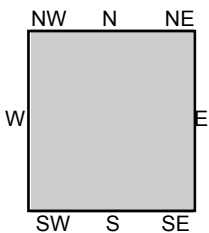
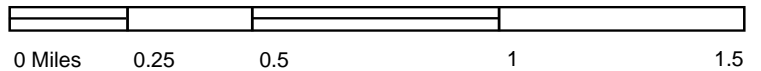
TP, Elizabethtown, 1949, 15-minute

SITE NAME: Telesto Solar Property
 ADDRESS: Hardin County, Kentucky
 Hardin County, KY 42701
 CLIENT: Hull & Associates, Inc.





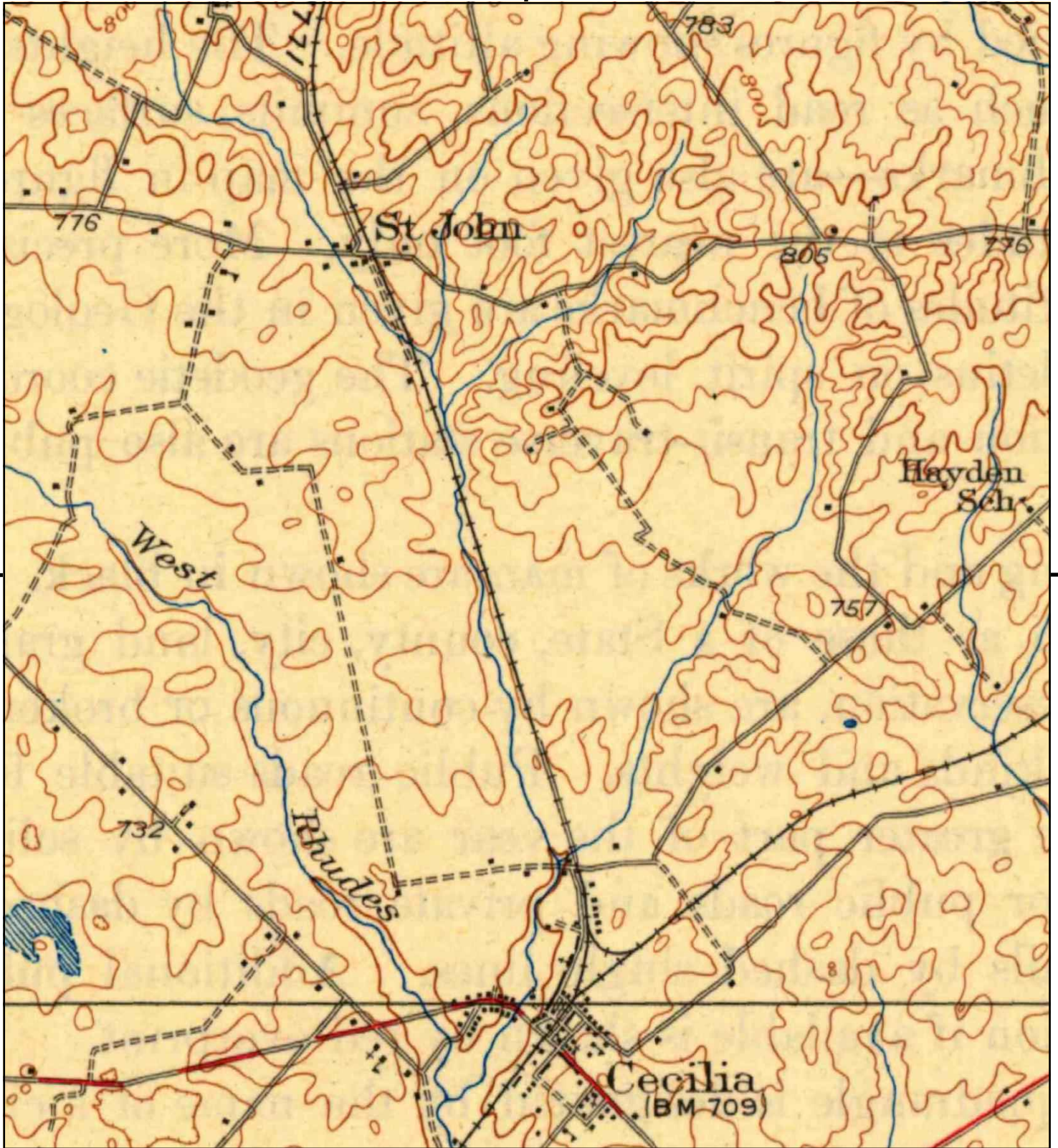
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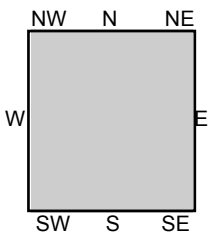
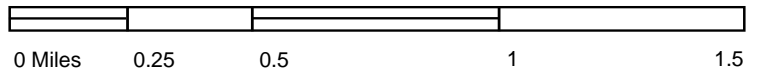
TP, Cecilia, 1948, 7.5-minute

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
 Hardin County, KY 42701
CLIENT: Hull & Associates, Inc.





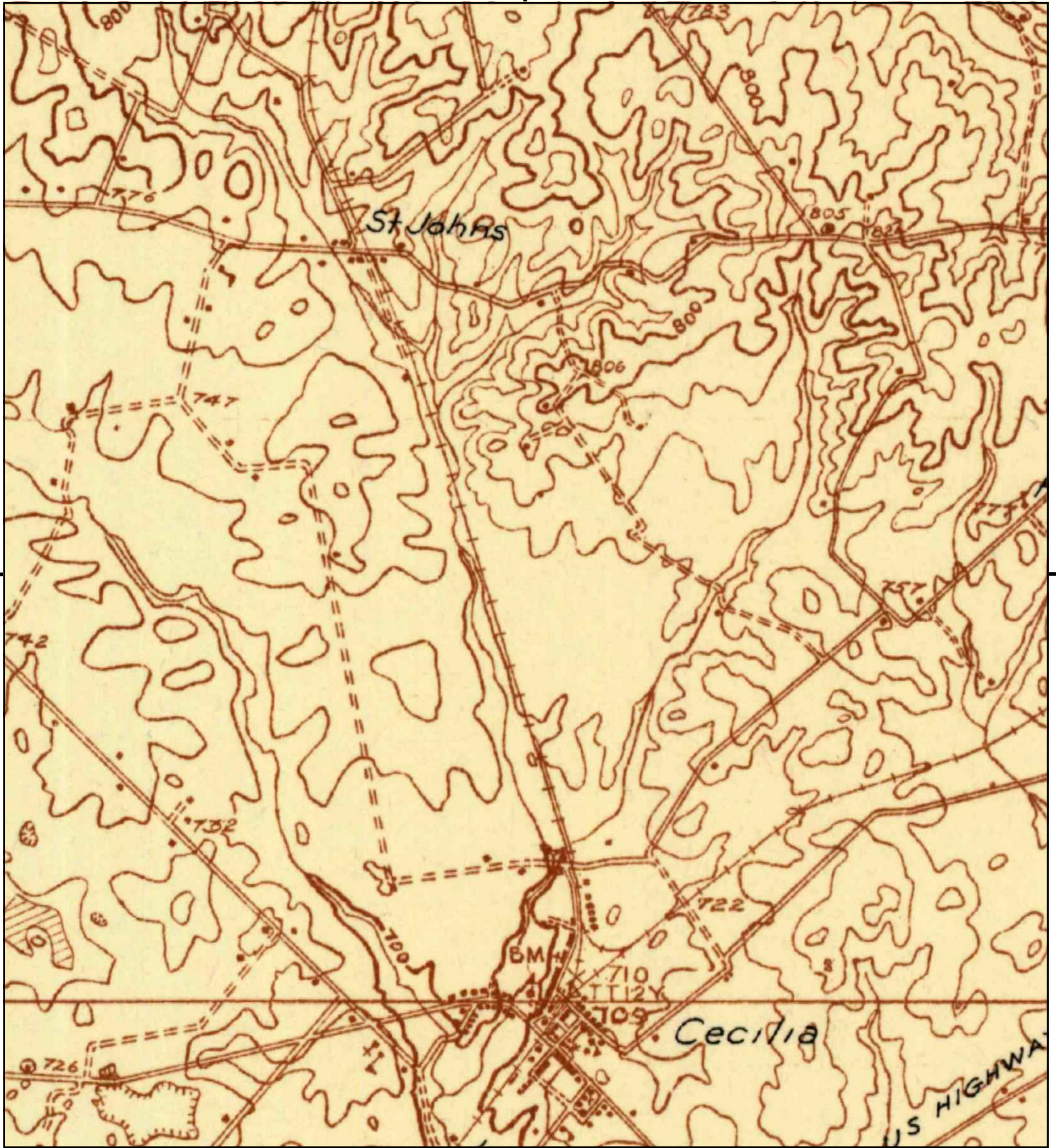
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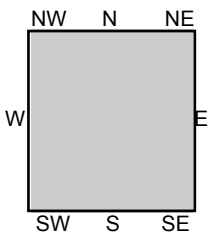
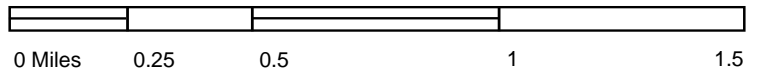
TP, Elizabethtown, 1938, 15-minute

SITE NAME: Telesto Solar Property
 ADDRESS: Hardin County, Kentucky
 Hardin County, KY 42701
 CLIENT: Hull & Associates, Inc.





This report includes information from the following map sheet(s).



TP, Elizabethtown, 1935, 15-minute

SITE NAME: Telesto Solar Property
 ADDRESS: Hardin County, Kentucky
 Hardin County, KY 42701
 CLIENT: Hull & Associates, Inc.



APPENDIX F

Property Owner Survey Letters

Amanda Green

From: Amanda Green
Sent: Tuesday, March 16, 2021 7:31 PM
To: k2hayden@windstream.net
Subject: Request for Information, XEN007.0003
Attachments: Marion K. and Karolyn S. Hayden.pdf

Dear Marion and Karolyn Hayden,

Hull and Associates, Inc. (Hull), requests information related to your property in regard to the Telesto Solar Property Phase I Environmental Site Assessment (ESA) to be conducted in your area. Information requested pertains to your parcel(s) located under the parcel ID#(146-00-00-022; 167-00-00-008).

Please see the attached PDF and if you have any questions, please do not hesitate to contact me at (216) 505-8341. Thank you for your assistance.

Sincerely,



Amanda K. Green

Hydrogeologist I

HULL | Bedford, Ohio
Environment / Energy / Infrastructure

o: 216-505-8341

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[Web](#) | [Directions to offices](#)

Amanda Green

From: Amanda Green
Sent: Tuesday, March 16, 2021 7:34 PM
To: wildturkey101@aim.com
Subject: Request for Information, XEN007.0003
Attachments: Francis A Thomas.pdf

Dear Francis Thomas,

Hull and Associates, Inc. (Hull), requests information related to your property in regard to the Telesto Solar Property Phase I Environmental Site Assessment (ESA) to be conducted in your area. Information requested pertains to your parcel(s) located under the parcel ID#(146-00-00-021).

Please see the attached PDF and if you have any questions, please do not hesitate to contact me at (216) 505-8341. Thank you for your assistance.

Sincerely,



Amanda K. Green

Hydrogeologist I

HULL | Bedford, Ohio
Environment / Energy / Infrastructure

o: 216-505-8341

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[Web](#) | [Directions to offices](#)

Amanda Green

From: Amanda Green
Sent: Tuesday, March 16, 2021 7:30 PM
To: joyceleemiller@gmail.com
Subject: Request for Information, XEN007.0003
Attachments: Joyce Lee Miller and Mary Jo Miller.pdf

Dear Joyce Lee Miller and Mary Jo Miller,

Hull and Associates, Inc. (Hull), requests information related to your property in regard to the Telesto Solar Property Phase I Environmental Site Assessment (ESA) to be conducted in your area. Information requested pertains to your parcel(s) located under the parcel ID#(167-00-00-006.02).

Please see the attached PDF and if you have any questions, please do not hesitate to contact me at (216) 505-8341. Thank you for your assistance.

Sincerely,



Amanda K. Green

Hydrogeologist I

HULL | Bedford, Ohio
Environment / Energy / Infrastructure

o: 216-505-8341

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[Web](#) | [Directions to offices](#)

Amanda Green

From: Amanda Green
Sent: Tuesday, March 16, 2021 7:28 PM
To: kladdington@msn.com
Subject: Request for Information, XEN007.0003
Attachments: Kevin Addington.pdf

Dear Kevin Addington,

Hull and Associates, Inc. (Hull), requests information related to your property in regard to the Telesto Solar Property Phase I Environmental Site Assessment (ESA) to be conducted in your area. Information requested pertains to your parcel(s) located under the parcel ID#(167-00-00-011).

Please see the attached PDF and if you have any questions, please do not hesitate to contact me at (216) 505-8341. Thank you for your assistance.

Sincerely,



Amanda K. Green

Hydrogeologist I

HULL | Bedford, Ohio
Environment / Energy / Infrastructure

o: 216-505-8341

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[Web](#) | [Directions to offices](#)

HULL

Environment / Energy / Infrastructure

March 15, 2021

Michael, Terri, and Kenney Goodman
325 Goodman Lane
Elizabethtown, KY 42701

Re: Request for Information, XEN007.0003

Dear Michael, Terri, and Kenney Goodman,

Hull and Associates, Inc. (Hull), requests information related to your property in regard to the Telesto Solar Property Phase I Environmental Site Assessment (ESA) to be conducted in your area. Information requested pertains to your parcel(s) located under the parcel ID#(146-00-00-020.01).

A Phase I ESA will be conducted to evaluate potential environmental issues associated with the parcels of land where proposed solar panels, access roads and associated infrastructure, may be constructed in the project area within Hardin County, Kentucky. The purpose of this survey is to first identify potential environmental issues associated with the proposed area.

Please fill out the attached survey and return to Hull & Associates within two weeks of receipt. Please do not hesitate to contact me at (216) 505-7714 with any questions.

Sincerely,



Lindsay Crow
Project Manager

1. Parcel Numbers:

2. Site Contact:

Name	
Years owned the Property	
Telephone number	

3. Other Current Owner(s), Operator(s), or Occupant(s) of the Site:

Name	
------	--

4. Site Information:

Parcel Numbers	
Street address (if appropriate)	
Site Owner and Last Property Transaction Date	

5. Site acreage: _____

6. Age of Site development: _____

Building Details:

Building	No. of Stories	Square Footage	Construction Date

Past uses of buildings/land

7. List all current on-Site activities (i.e. residence, dairy farm, etc.):

8. Is your drinking water provided by an on-Site well? If not how is drinking water supplied to your property? _____

If you have a water well on your property, please provide details on the well(s):

Depth of Well	Location	Installation Date	Testing Frequency and Results

9. Describe the type and volume of wastewater that is generated (sanitary, non-contact, process, etc.).

Is wastewater treatment conducted (e.g. pH adjustment, equalization, grease trap, oil/water separator, etc.)? If so, describe size, location, age, and maintenance schedule, as appropriate:

Where is wastewater discharged: _____

Are there known non-permitted wastewater discharges? _____

If yes, list and describe: _____

10. Is there a septic system on your property? If so, complete the following:

Size	Location	Installation Date	Permits

11. Who provides electric service _____

12. Who provides gas service _____

13. How are the buildings on your property heated? _____

14. Is wastewater (runoff from livestock operations) generated at the Property. If so, does the waste water, or any storm water produced during rain events, drain to a sewer system or does it drain to ditches and streams located on or near your property?

Does water run-off from neighboring properties have any potential impact to your property(ies)? _
 Has the facility applied for a National Pollutant Discharge Elimination System (NPDES) storm water discharge permit? __

If so, indicate the type: **Individual**

General

Has the facility received a NPDES storm water discharge permit? _____

Are there any industrial activities exposed to storm water? _____, if so, describe:

15. Are there any chemicals and/or raw materials used, generated stored, released, transported, or disposed of in connection with your property?

Chemical	Quantity	Location

16. Are any hazardous wastes stored or generated on the property.

Waste/Code	Estimated Monthly Quantity	Location	Condition/Pathways	Hauler

17. Are there currently any aboveground storage tanks located on your property that are utilized for storage of materials such as gasoline, fuel oil, waste oil, diesel, etc. If so, please list information pertaining to the aboveground storage tanks below and their location on the Site.

____ NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

18. Has there ever been any aboveground storage tanks present on your property that have been removed? If so, please list information pertaining to the historic aboveground storage tanks below and their location on the Site.

___ NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

19. Are any underground storage tanks present at the Site? (Utilized for the storage of petroleum products including gasoline, kerosene, diesel fuel, fuel oil, etc.) Please describe below if so.

___ NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

20. Has there historically been any underground storage tanks present at your property that have been removed? If so, please list information pertaining to the historic underground storage tanks below and their location on the Site.

___ NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

21. Are any potential PCB-containing pieces of equipment present on your property? If so please describe the materials and where they are located. (e.g., transformers, circuit breakers, capacitors, hydraulic lifts, lubricants, cutting oils, lamp ballasts, vacuum pumps, heat transfer system, and plasticizer applications.)

22. For general waste generated at your Property, who provides trash pickup service and how often?

Are any other wastes including scrap metal and/or waste oils produced on your Property and hauled away? If so, who provides disposal services?

Are you aware of any on-Site dumping or burial of solid waste? If yes, describe _____

23. Is an emergency generator present on your property? _____
If so, how is it fueled? _____

24. Does your property contain any of the following:
Stressed vegetation (i.e. discolored or dead vegetation where green lush vegetation should be present)

Indications of liquid or solid waste dumping or disposal

Discolored flowing or ponded waters

Abnormal odors associated with the property

25. Do you have knowledge or experience that is related to any potential environmental issues at the Site (e.g., spills, fuel releases, previous assessments of the Site)?

HULL

Environment / Energy / Infrastructure

March 15, 2021

Kevin Addington
870 West Park Road
Elizabethtown, KY 42701

Re: Request for Information, XEN007.0003

Dear Kevin Addington,

Hull and Associates, Inc. (Hull), requests information related to your property in regard to the Telesto Solar Property Phase I Environmental Site Assessment (ESA) to be conducted in your area. Information requested pertains to your parcel(s) located under the parcel ID#(167-00-00-011).

A Phase I ESA will be conducted to evaluate potential environmental issues associated with the parcels of land where proposed solar panels, access roads and associated infrastructure, may be constructed in the project area within Hardin County, Kentucky. The purpose of this survey is to first identify potential environmental issues associated with the proposed area.

Please fill out the attached survey and return to Hull & Associates within two weeks of receipt. Please do not hesitate to contact me at (216) 505-7714 with any questions.

Sincerely,



Lindsay Crow
Project Manager

1. Parcel Numbers:

2. Site Contact:

Name	
Years owned the Property	
Telephone number	

3. Other Current Owner(s), Operator(s), or Occupant(s) of the Site:

Name	
------	--

4. Site Information:

Parcel Numbers	
Street address (if appropriate)	
Site Owner and Last Property Transaction Date	

5. Site acreage: _____

6. Age of Site development: _____

Building Details:

Building	No. of Stories	Square Footage	Construction Date

Past uses of buildings/land

7. List all current on-Site activities (i.e. residence, dairy farm, etc.):

8. Is your drinking water provided by an on-Site well? If not how is drinking water supplied to your property? _____

If you have a water well on your property, please provide details on the well(s):

Depth of Well	Location	Installation Date	Testing Frequency and Results

9. Describe the type and volume of wastewater that is generated (sanitary, non-contact, process, etc.).

Is wastewater treatment conducted (e.g. pH adjustment, equalization, grease trap, oil/water separator, etc.)? If so, describe size, location, age, and maintenance schedule, as appropriate:

Where is wastewater discharged: _____

Are there known non-permitted wastewater discharges? _____

If yes, list and describe: _____

10. Is there a septic system on your property? If so, complete the following:

Size	Location	Installation Date	Permits

11. Who provides electric service _____

12. Who provides gas service _____

13. How are the buildings on your property heated? _____

14. Is wastewater (runoff from livestock operations) generated at the Property. If so, does the waste water, or any storm water produced during rain events, drain to a sewer system or does it drain to ditches and streams located on or near your property?

Does water run-off from neighboring properties have any potential impact to your property(ies)? _
 Has the facility applied for a National Pollutant Discharge Elimination System (NPDES) storm water discharge permit? __

If so, indicate the type: **Individual**

General

Has the facility received a NPDES storm water discharge permit? _____

Are there any industrial activities exposed to storm water? _____, if so, describe:

15. Are there any chemicals and/or raw materials used, generated stored, released, transported, or disposed of in connection with your property?

Chemical	Quantity	Location

16. Are any hazardous wastes stored or generated on the property.

Waste/Code	Estimated Monthly Quantity	Location	Condition/Pathways	Hauler

17. Are there currently any aboveground storage tanks located on your property that are utilized for storage of materials such as gasoline, fuel oil, waste oil, diesel, etc. If so, please list information pertaining to the aboveground storage tanks below and their location on the Site.

____ NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

18. Has there ever been any aboveground storage tanks present on your property that have been removed? If so, please list information pertaining to the historic aboveground storage tanks below and their location on the Site.

___ NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

19. Are any underground storage tanks present at the Site? (Utilized for the storage of petroleum products including gasoline, kerosene, diesel fuel, fuel oil, etc.) Please describe below if so.

___ NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

20. Has there historically been any underground storage tanks present at your property that have been removed? If so, please list information pertaining to the historic underground storage tanks below and their location on the Site.

___ NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

21. Are any potential PCB-containing pieces of equipment present on your property? If so please describe the materials and where they are located. (e.g., transformers, circuit breakers, capacitors, hydraulic lifts, lubricants, cutting oils, lamp ballasts, vacuum pumps, heat transfer system, and plasticizer applications.)

22. For general waste generated at your Property, who provides trash pickup service and how often?

Are any other wastes including scrap metal and/or waste oils produced on your Property and hauled away? If so, who provides disposal services?

Are you aware of any on-Site dumping or burial of solid waste? If yes, describe _____

23. Is an emergency generator present on your property? _____
If so, how is it fueled? _____

24. Does your property contain any of the following:
Stressed vegetation (i.e. discolored or dead vegetation where green lush vegetation should be present)

Indications of liquid or solid waste dumping or disposal

Discolored flowing or ponded waters

Abnormal odors associated with the property

25. Do you have knowledge or experience that is related to any potential environmental issues at the Site (e.g., spills, fuel releases, previous assessments of the Site)?

HULL

Environment / Energy / Infrastructure

March 9, 2021

Marion K. and Karolyn S. Hayden
1955 Hayden School Road
Cecilia, KY 42724

Re: Request for Information, XEN007.0003

Dear Marion and Karolyn Hayden,

Hull and Associates, Inc. (Hull), requests information related to your property in regard to the Telesto Solar Property Phase I Environmental Site Assessment (ESA) to be conducted in your area. Information requested pertains to your parcel(s) located under the parcel ID#(146-00-00-022; 167-00-00-008).

A Phase I ESA will be conducted to evaluate potential environmental issues associated with the parcels of land where proposed solar panels, access roads and associated infrastructure, may be constructed in the project area within Hardin County, Kentucky. The purpose of this survey is to first identify potential environmental issues associated with the proposed area.

Please fill out the attached survey and return to Hull & Associates within two weeks of receipt. Please do not hesitate to contact me at (216) 505-7714 with any questions.

Sincerely,



Lindsay Crow
Project Manager

1. Parcel Numbers:

2. Site Contact:

Name	
Years owned the Property	
Telephone number	

3. Other Current Owner(s), Operator(s), or Occupant(s) of the Site:

Name	
------	--

4. Site Information:

Parcel Numbers	
Street address (if appropriate)	
Site Owner and Last Property Transaction Date	

5. Site acreage: _____

6. Age of Site development: _____

Building Details:

Building	No. of Stories	Square Footage	Construction Date

Past uses of buildings/land

7. List all current on-Site activities (i.e. residence, dairy farm, etc.):

8. Is your drinking water provided by an on-Site well? If not how is drinking water supplied to your property? _____

If you have a water well on your property, please provide details on the well(s):

Depth of Well	Location	Installation Date	Testing Frequency and Results

9. Describe the type and volume of wastewater that is generated (sanitary, non-contact, process, etc.).

Is wastewater treatment conducted (e.g. pH adjustment, equalization, grease trap, oil/water separator, etc.)? If so, describe size, location, age, and maintenance schedule, as appropriate:

Where is wastewater discharged: _____

Are there known non-permitted wastewater discharges? _____

If yes, list and describe: _____

10. Is there a septic system on your property? If so, complete the following:

Size	Location	Installation Date	Permits

11. Who provides electric service _____

12. Who provides gas service _____

13. How are the buildings on your property heated? _____

14. Is wastewater (runoff from livestock operations) generated at the Property. If so, does the waste water, or any storm water produced during rain events, drain to a sewer system or does it drain to ditches and streams located on or near your property?

Does water run-off from neighboring properties have any potential impact to your property(ies)? _
 Has the facility applied for a National Pollutant Discharge Elimination System (NPDES) storm water discharge permit? __

If so, indicate the type: **Individual**

General

Has the facility received a NPDES storm water discharge permit? _____

Are there any industrial activities exposed to storm water? _____, if so, describe:

15. Are there any chemicals and/or raw materials used, generated stored, released, transported, or disposed of in connection with your property?

Chemical	Quantity	Location

16. Are any hazardous wastes stored or generated on the property.

Waste/Code	Estimated Monthly Quantity	Location	Condition/Pathways	Hauler

17. Are there currently any aboveground storage tanks located on your property that are utilized for storage of materials such as gasoline, fuel oil, waste oil, diesel, etc. If so, please list information pertaining to the aboveground storage tanks below and their location on the Site.

____ NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

18. Has there ever been any aboveground storage tanks present on your property that have been removed? If so, please list information pertaining to the historic aboveground storage tanks below and their location on the Site.

___ NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

19. Are any underground storage tanks present at the Site? (Utilized for the storage of petroleum products including gasoline, kerosene, diesel fuel, fuel oil, etc.) Please describe below if so.

___ NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

20. Has there historically been any underground storage tanks present at your property that have been removed? If so, please list information pertaining to the historic underground storage tanks below and their location on the Site.

___ NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

21. Are any potential PCB-containing pieces of equipment present on your property? If so please describe the materials and where they are located. (e.g., transformers, circuit breakers, capacitors, hydraulic lifts, lubricants, cutting oils, lamp ballasts, vacuum pumps, heat transfer system, and plasticizer applications.)

22. For general waste generated at your Property, who provides trash pickup service and how often?

Are any other wastes including scrap metal and/or waste oils produced on your Property and hauled away? If so, who provides disposal services?

Are you aware of any on-Site dumping or burial of solid waste? If yes, describe _____

23. Is an emergency generator present on your property? _____
If so, how is it fueled? _____

24. Does your property contain any of the following:
Stressed vegetation (i.e. discolored or dead vegetation where green lush vegetation should be present)

Indications of liquid or solid waste dumping or disposal

Discolored flowing or ponded waters

Abnormal odors associated with the property

25. Do you have knowledge or experience that is related to any potential environmental issues at the Site (e.g., spills, fuel releases, previous assessments of the Site)?

HULL

Environment / Energy / Infrastructure

March 9, 2021

Francis A Thomas
256 Goodman Lane
Elizabethtown, KY 42701

Re: Request for Information, XEN007.0003

Dear Francis Thomas,

Hull and Associates, Inc. (Hull), requests information related to your property in regard to the Telesto Solar Property Phase I Environmental Site Assessment (ESA) to be conducted in your area. Information requested pertains to your parcel(s) located under the parcel ID#(146-00-00-021).

A Phase I ESA will be conducted to evaluate potential environmental issues associated with the parcels of land where proposed solar panels, access roads and associated infrastructure, may be constructed in the project area within Hardin County, Kentucky. The purpose of this survey is to first identify potential environmental issues associated with the proposed area.

Please fill out the attached survey and return to Hull & Associates within two weeks of receipt. Please do not hesitate to contact me at (216) 505-7714 with any questions.

Sincerely,



Lindsay Crow
Project Manager

1. Parcel Numbers:

2. Site Contact:

Name	
Years owned the Property	
Telephone number	

3. Other Current Owner(s), Operator(s), or Occupant(s) of the Site:

Name	
------	--

4. Site Information:

Parcel Numbers	
Street address (if appropriate)	
Site Owner and Last Property Transaction Date	

5. Site acreage: _____

6. Age of Site development: _____

Building Details:

Building	No. of Stories	Square Footage	Construction Date

Past uses of buildings/land

7. List all current on-Site activities (i.e. residence, dairy farm, etc.):

8. Is your drinking water provided by an on-Site well? If not how is drinking water supplied to your property? _____

If you have a water well on your property, please provide details on the well(s):

Depth of Well	Location	Installation Date	Testing Frequency and Results

9. Describe the type and volume of wastewater that is generated (sanitary, non-contact, process, etc.).

Is wastewater treatment conducted (e.g. pH adjustment, equalization, grease trap, oil/water separator, etc.)? If so, describe size, location, age, and maintenance schedule, as appropriate:

Where is wastewater discharged: _____

Are there known non-permitted wastewater discharges? _____

If yes, list and describe: _____

10. Is there a septic system on your property? If so, complete the following:

Size	Location	Installation Date	Permits

11. Who provides electric service _____

12. Who provides gas service _____

13. How are the buildings on your property heated? _____

14. Is wastewater (runoff from livestock operations) generated at the Property. If so, does the waste water, or any storm water produced during rain events, drain to a sewer system or does it drain to ditches and streams located on or near your property?

Does water run-off from neighboring properties have any potential impact to your property(ies)? _
 Has the facility applied for a National Pollutant Discharge Elimination System (NPDES) storm water discharge permit? __

If so, indicate the type: **Individual**

General

Has the facility received a NPDES storm water discharge permit? _____

Are there any industrial activities exposed to storm water? _____, if so, describe:

15. Are there any chemicals and/or raw materials used, generated stored, released, transported, or disposed of in connection with your property?

Chemical	Quantity	Location

16. Are any hazardous wastes stored or generated on the property.

Waste/Code	Estimated Monthly Quantity	Location	Condition/Pathways	Hauler

17. Are there currently any aboveground storage tanks located on your property that are utilized for storage of materials such as gasoline, fuel oil, waste oil, diesel, etc. If so, please list information pertaining to the aboveground storage tanks below and their location on the Site.

____ NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

18. Has there ever been any aboveground storage tanks present on your property that have been removed? If so, please list information pertaining to the historic aboveground storage tanks below and their location on the Site.

___ NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

19. Are any underground storage tanks present at the Site? (Utilized for the storage of petroleum products including gasoline, kerosene, diesel fuel, fuel oil, etc.) Please describe below if so.

___ NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

20. Has there historically been any underground storage tanks present at your property that have been removed? If so, please list information pertaining to the historic underground storage tanks below and their location on the Site.

___ NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

21. Are any potential PCB-containing pieces of equipment present on your property? If so please describe the materials and where they are located. (e.g., transformers, circuit breakers, capacitors, hydraulic lifts, lubricants, cutting oils, lamp ballasts, vacuum pumps, heat transfer system, and plasticizer applications.)

22. For general waste generated at your Property, who provides trash pickup service and how often?

Are any other wastes including scrap metal and/or waste oils produced on your Property and hauled away? If so, who provides disposal services?

Are you aware of any on-Site dumping or burial of solid waste? If yes, describe _____

23. Is an emergency generator present on your property? _____
If so, how is it fueled? _____

24. Does your property contain any of the following:
Stressed vegetation (i.e. discolored or dead vegetation where green lush vegetation should be present)

Indications of liquid or solid waste dumping or disposal

Discolored flowing or ponded waters

Abnormal odors associated with the property

25. Do you have knowledge or experience that is related to any potential environmental issues at the Site (e.g., spills, fuel releases, previous assessments of the Site)?

HULL

Environment / Energy / Infrastructure

March 9, 2021

Joyce Lee Miller and Mary Jo Miller
256 Goodman Lane
Elizabethtown, KY 42701

Re: Request for Information, XEN007.0003

Dear Joyce Lee Miller and Mary Jo Miller,

Hull and Associates, Inc. (Hull), requests information related to your property in regard to the Telesto Solar Property Phase I Environmental Site Assessment (ESA) to be conducted in your area. Information requested pertains to your parcel(s) located under the parcel ID#(167-00-00-006.02).

A Phase I ESA will be conducted to evaluate potential environmental issues associated with the parcels of land where proposed solar panels, access roads and associated infrastructure, may be constructed in the project area within Hardin County, Kentucky. The purpose of this survey is to first identify potential environmental issues associated with the proposed area.

Please fill out the attached survey and return to Hull & Associates within two weeks of receipt. Please do not hesitate to contact me at (216) 505-7714 with any questions.

Sincerely,



Lindsay Crow
Project Manager

1. Parcel Numbers:

2. Site Contact:

Name	
Years owned the Property	
Telephone number	

3. Other Current Owner(s), Operator(s), or Occupant(s) of the Site:

Name	
------	--

4. Site Information:

Parcel Numbers	
Street address (if appropriate)	
Site Owner and Last Property Transaction Date	

5. Site acreage: _____

6. Age of Site development: _____

Building Details:

Building	No. of Stories	Square Footage	Construction Date

Past uses of buildings/land

7. List all current on-Site activities (i.e. residence, dairy farm, etc.):

8. Is your drinking water provided by an on-Site well? If not how is drinking water supplied to your property? _____

If you have a water well on your property, please provide details on the well(s):

Depth of Well	Location	Installation Date	Testing Frequency and Results

9. Describe the type and volume of wastewater that is generated (sanitary, non-contact, process, etc.).

Is wastewater treatment conducted (e.g. pH adjustment, equalization, grease trap, oil/water separator, etc.)? If so, describe size, location, age, and maintenance schedule, as appropriate:

Where is wastewater discharged: _____

Are there known non-permitted wastewater discharges? _____

If yes, list and describe: _____

10. Is there a septic system on your property? If so, complete the following:

Size	Location	Installation Date	Permits

11. Who provides electric service _____

12. Who provides gas service _____

13. How are the buildings on your property heated? _____

14. Is wastewater (runoff from livestock operations) generated at the Property. If so, does the waste water, or any storm water produced during rain events, drain to a sewer system or does it drain to ditches and streams located on or near your property?

Does water run-off from neighboring properties have any potential impact to your property(ies)? _
 Has the facility applied for a National Pollutant Discharge Elimination System (NPDES) storm water discharge permit? __

If so, indicate the type: **Individual**

General

Has the facility received a NPDES storm water discharge permit? _____

Are there any industrial activities exposed to storm water? _____, if so, describe:

15. Are there any chemicals and/or raw materials used, generated stored, released, transported, or disposed of in connection with your property?

Chemical	Quantity	Location

16. Are any hazardous wastes stored or generated on the property.

Waste/Code	Estimated Monthly Quantity	Location	Condition/Pathways	Hauler

17. Are there currently any aboveground storage tanks located on your property that are utilized for storage of materials such as gasoline, fuel oil, waste oil, diesel, etc. If so, please list information pertaining to the aboveground storage tanks below and their location on the Site.

____ NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

18. Has there ever been any aboveground storage tanks present on your property that have been removed? If so, please list information pertaining to the historic aboveground storage tanks below and their location on the Site.

___ NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

19. Are any underground storage tanks present at the Site? (Utilized for the storage of petroleum products including gasoline, kerosene, diesel fuel, fuel oil, etc.) Please describe below if so.

___ NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

20. Has there historically been any underground storage tanks present at your property that have been removed? If so, please list information pertaining to the historic underground storage tanks below and their location on the Site.

___ NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

21. Are any potential PCB-containing pieces of equipment present on your property? If so please describe the materials and where they are located. (e.g., transformers, circuit breakers, capacitors, hydraulic lifts, lubricants, cutting oils, lamp ballasts, vacuum pumps, heat transfer system, and plasticizer applications.)

22. For general waste generated at your Property, who provides trash pickup service and how often?

Are any other wastes including scrap metal and/or waste oils produced on your Property and hauled away? If so, who provides disposal services?

Are you aware of any on-Site dumping or burial of solid waste? If yes, describe _____

23. Is an emergency generator present on your property? _____
If so, how is it fueled? _____

24. Does your property contain any of the following:
Stressed vegetation (i.e. discolored or dead vegetation where green lush vegetation should be present)

Indications of liquid or solid waste dumping or disposal

Discolored flowing or ponded waters

Abnormal odors associated with the property

25. Do you have knowledge or experience that is related to any potential environmental issues at the Site (e.g., spills, fuel releases, previous assessments of the Site)?

1. Parcel Numbers: 146-00020.01

2. Site Contact:

Name	Michael T., Teresa L., Kenney Goodman
Years owned the Property	4.5
Telephone number	270-763-7291

3. Other Current Owner(s), Operator(s), or Occupant(s) of the Site:

Name	Kenney Goodman Terry Wimp - Crop lease
------	---

4. Site Information:

Parcel Numbers	146-00020.01
Street address (if appropriate)	N/A
Site Owner and Last Property Transaction Date	August 2016

5. Site acreage: 54.3 (more or less)

6. Age of Site development: 4.5 yrs

Building Details:

Building	No. of Stories	Square Footage	Construction Date
none			

Past uses of buildings/land

Crops, pasture

7. List all current on-Site activities (i.e. residence, dairy farm, etc.):
Crops

8. Is your drinking water provided by an on-Site well? If not how is drinking water supplied to your property? N/A

If you have a water well on your property, please provide details on the well(s):

Depth of Well	Location	Installation Date	Testing Frequency and Results
N/A			

9. Describe the type and volume of wastewater that is generated (sanitary, non-contact, process, etc.).
None

Is wastewater treatment conducted (e.g. pH adjustment, equalization, grease trap, oil/water separator, etc.)? If so, describe size, location, age, and maintenance schedule, as appropriate:

N/A

Where is wastewater discharged: N/A

Are there known non-permitted wastewater discharges? NO

If yes, list and describe: N/A

10. Is there a septic system on your property? If so, complete the following: NO

Size	Location	Installation Date	Permits
N/A			

11. Who provides electric service N/A

12. Who provides gas service N/A

13. How are the buildings on your property heated? N/A

14. Is wastewater (runoff from livestock operations) generated at the Property. If so, does the waste water, or any storm water produced during rain events, drain to a sewer system or does it drain to ditches and streams located on or near your property?

NO livestock operations

Does water run-off from neighboring properties have any potential impact to your property(ies)?
 Has the facility applied for a National Pollutant Discharge Elimination System (NPDES) storm water discharge permit? NO

If so, indicate the type: **Individual**

General

Has the facility received a NPDES storm water discharge permit? NO

Are there any industrial activities exposed to storm water? NO, if so, describe:

15. Are there any chemicals and/or raw materials used, generated stored, released, transported, or disposed of in connection with your property? NO

Chemical	Quantity	Location

16. Are any hazardous wastes stored or generated on the property. NO

Waste/Code	Estimated Monthly Quantity	Location	Condition/Pathways	Hauler

17. Are there currently any aboveground storage tanks located on your property that are utilized for storage of materials such as gasoline, fuel oil, waste oil, diesel, etc. If so, please list information pertaining to the aboveground storage tanks below and their location on the Site.

NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration
<u>N/A</u>					

Location:

18. Has there ever been any aboveground storage tanks present on your property that have been removed? If so, please list information pertaining to the historic aboveground storage tanks below and their location on the Site.

NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration
N/A						

Location:

19. Are any underground storage tanks present at the Site? (Utilized for the storage of petroleum products including gasoline, kerosene, diesel fuel, fuel oil, etc.) Please describe below if so.

NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

20. Has there historically been any underground storage tanks present at your property that have been removed? If so, please list information pertaining to the historic underground storage tanks below and their location on the Site.

NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration
NO						

Location:

N/A

21. Are any potential PCB-containing pieces of equipment present on your property? If so please describe the materials and where they are located. (e.g., transformers, circuit breakers, capacitors, hydraulic lifts, lubricants, cutting oils, lamp ballasts, vacuum pumps, heat transfer system, and plasticizer applications.)

no

22. For general waste generated at your Property, who provides trash pickup service and how often?

N/A

Are any other wastes including scrap metal and/or waste oils produced on your Property and hauled away? If so, who provides disposal services?

no

Are you aware of any on-Site dumping or burial of solid waste? If yes, describe no

23. Is an emergency generator present on your property? no
If so, how is it fueled?

24. Does your property contain any of the following:
Stressed vegetation (i.e. discolored or dead vegetation where green lush vegetation should be present)

no

Indications of liquid or solid waste dumping or disposal

no

Discolored flowing or ponded waters

no

Abnormal odors associated with the property

no

25. Do you have knowledge or experience that is related to any potential environmental issues at the Site (e.g., spills, fuel releases, previous assessments of the Site)?

no

1. Parcel Numbers: 167-00-00-006.02

2. Site Contact:

Name	Mitsland	
Years owned the Property	11	
Telephone number	270-307-1334	270-304-9737

3. Other Current Owner(s), Operator(s), or Occupant(s) of the Site:

Name	
------	--

4. Site Information:

Parcel Numbers	
Street address (if appropriate)	
Site Owner and Last Property Transaction Date	

5. Site acreage: _____

6. Age of Site development: _____

Building Details:

Building	No. of Stories	Square Footage	Construction Date
Barn 1	1	2160	before 1970
Barn 2	1	3456	before 1970
Barn 3	1	7056	before 1970

Past uses of buildings/land
grain farm since 1990
buildings used for storage of farm equipment

7. List all current on-Site activities (i.e. residence, dairy farm, etc.):
grain farm

8. Is your drinking water provided by an on-Site well? If not how is drinking water supplied to your property?
no, no drinking water provided to property but Hardin County Water is available for hook-up

If you have a water well on your property, please provide details on the well(s): no

Depth of Well	Location	Installation Date	Testing Frequency and Results

9. Describe the type and volume of wastewater that is generated (sanitary, non-contact, process, etc.).

Is wastewater treatment conducted (e.g. pH adjustment, equalization, grease trap, oil/water separator, etc.)? If so, describe size, location, age, and maintenance schedule, as appropriate:

Where is wastewater discharged: _____

Are there known non-permitted wastewater discharges? _____

If yes, list and describe: _____

10. Is there a septic system on your property? If so, complete the following:

Size	Location	Installation Date	Permits
<u>Not In Use Since 2015 - House Removed</u>	<u>Parcel No. 5</u>	<u>1996</u>	<u>yes</u>

11. Who provides electric service Nolin RECC

12. Who provides gas service No gas

13. How are the buildings on your property heated? Not Heated

14. Is wastewater (runoff from livestock operations) generated at the Property. If so, does the waste water, or any storm water produced during rain events, drain to a sewer system or does it drain to ditches and streams located on or near your property?

No

Does water run-off from neighboring properties have any potential impact to your property(ies)? No
 Has the facility applied for a National Pollutant Discharge Elimination System (NPDES) storm water discharge permit? No

If so, indicate the type: **Individual**

General

Has the facility received a NPDES storm water discharge permit? No

Are there any industrial activities exposed to storm water? No, if so, describe:

15. Are there any chemicals and/or raw materials used, generated stored, released, transported, or disposed of in connection with your property?

Chemical	Quantity	Location
Normal Farming Operations for Grain		

16. Are any hazardous wastes stored or generated on the property. No

Waste/Code	Estimated Monthly Quantity	Location	Condition/Pathways	Hauler

17. Are there currently any aboveground storage tanks located on your property that are utilized for storage of materials such as gasoline, fuel oil, waste oil, diesel, etc. If so, please list information pertaining to the aboveground storage tanks below and their location on the Site.

NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

18. Has there ever been any aboveground storage tanks present on your property that have been removed? If so, please list information pertaining to the historic aboveground storage tanks below and their location on the Site.

NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

19. Are any underground storage tanks present at the Site? (Utilized for the storage of petroleum products including gasoline, kerosene, diesel fuel, fuel oil, etc.) Please describe below if so.

NA

Size	Contents	Install Date	Tank Material	Leak Detection	Registration

Location:

Sunoco/Mid Valley Pipeline, Sugarland, TX crosses part of property

20. Has there historically been any underground storage tanks present at your property that have been removed? If so, please list information pertaining to the historic underground storage tanks below and their location on the Site.

NA

Size	Contents	Install Date	Removal Date	Tank Material	Leak Detection	Registration

Location:

21. Are any potential PCB-containing pieces of equipment present on your property? If so please describe the materials and where they are located. (e.g., transformers, circuit breakers, capacitors, hydraulic lifts, lubricants, cutting oils, lamp ballasts, vacuum pumps, heat transfer system, and plasticizer applications.)

Circuit breaker for Barn 1 + 2

22. For general waste generated at your Property, who provides trash pickup service and how often?

N/A

Are any other wastes including scrap metal and/or waste oils produced on your Property and hauled away? If so, who provides disposal services?

N/A

Are you aware of any on-Site dumping or burial of solid waste? If yes, describe no

23. Is an emergency generator present on your property? no
If so, how is it fueled? _____

24. Does your property contain any of the following:
Stressed vegetation (i.e. discolored or dead vegetation where green lush vegetation should be present)

no

Indications of liquid or solid waste dumping or disposal

no

Discolored flowing or ponded waters

no

Abnormal odors associated with the property

no

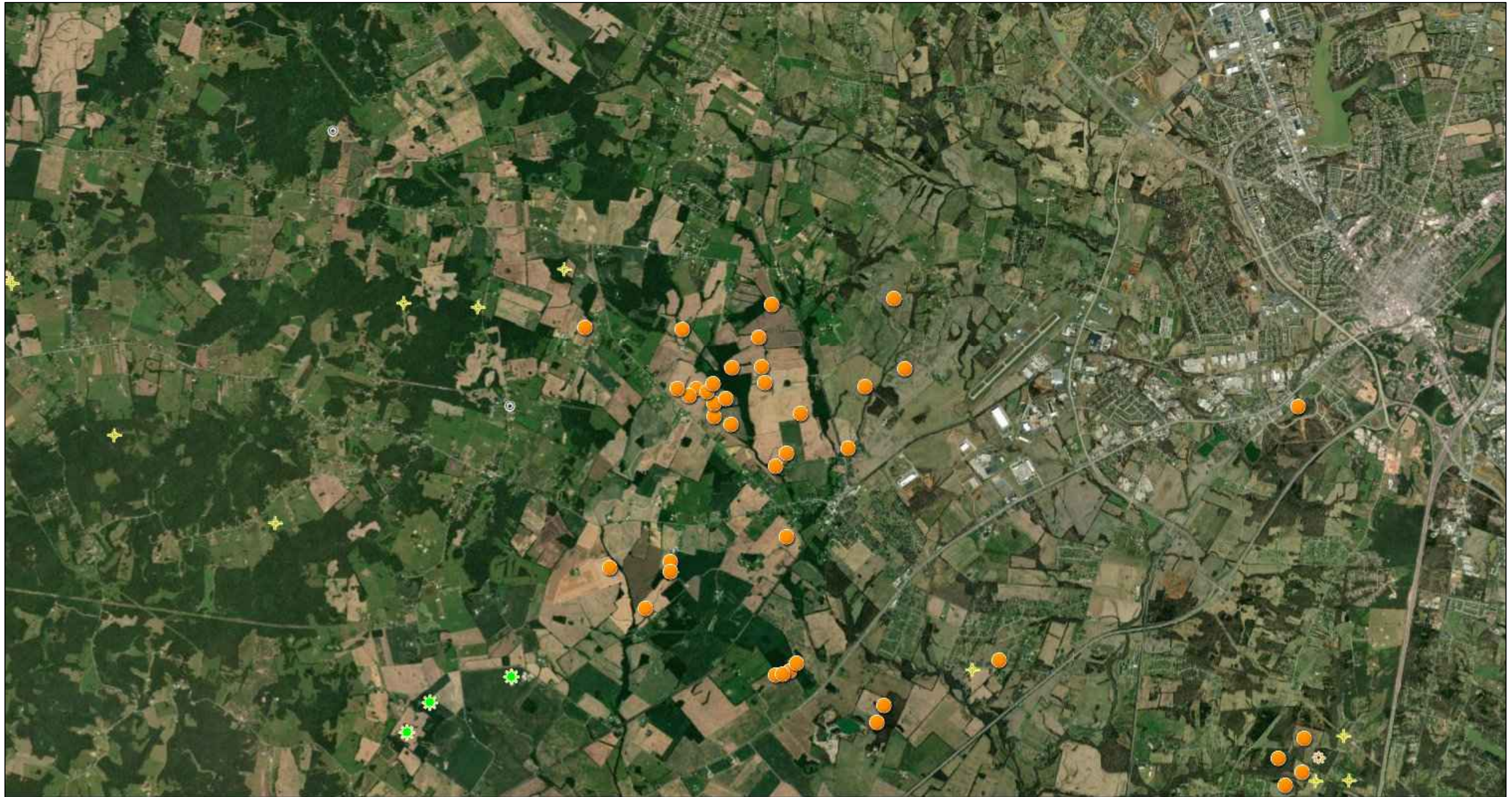
25. Do you have knowledge or experience that is related to any potential environmental issues at the Site (e.g., spills, fuel releases, previous assessments of the Site)?

no

APPENDIX G

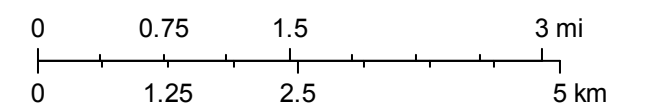
Oil and Gas Well Map and Well Completion Logs

Kentucky Geologic Map Information Service



March 16, 2021

1:72,224



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Kentucky Geological Survey; Kentucky Division of Oil and Gas
Kentucky Geological Survey

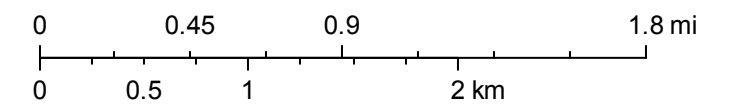
author: Kentucky Geological Survey
copyright Kentucky Geological Survey

Kentucky Geologic Map Information Service



March 17, 2021

1:36,112

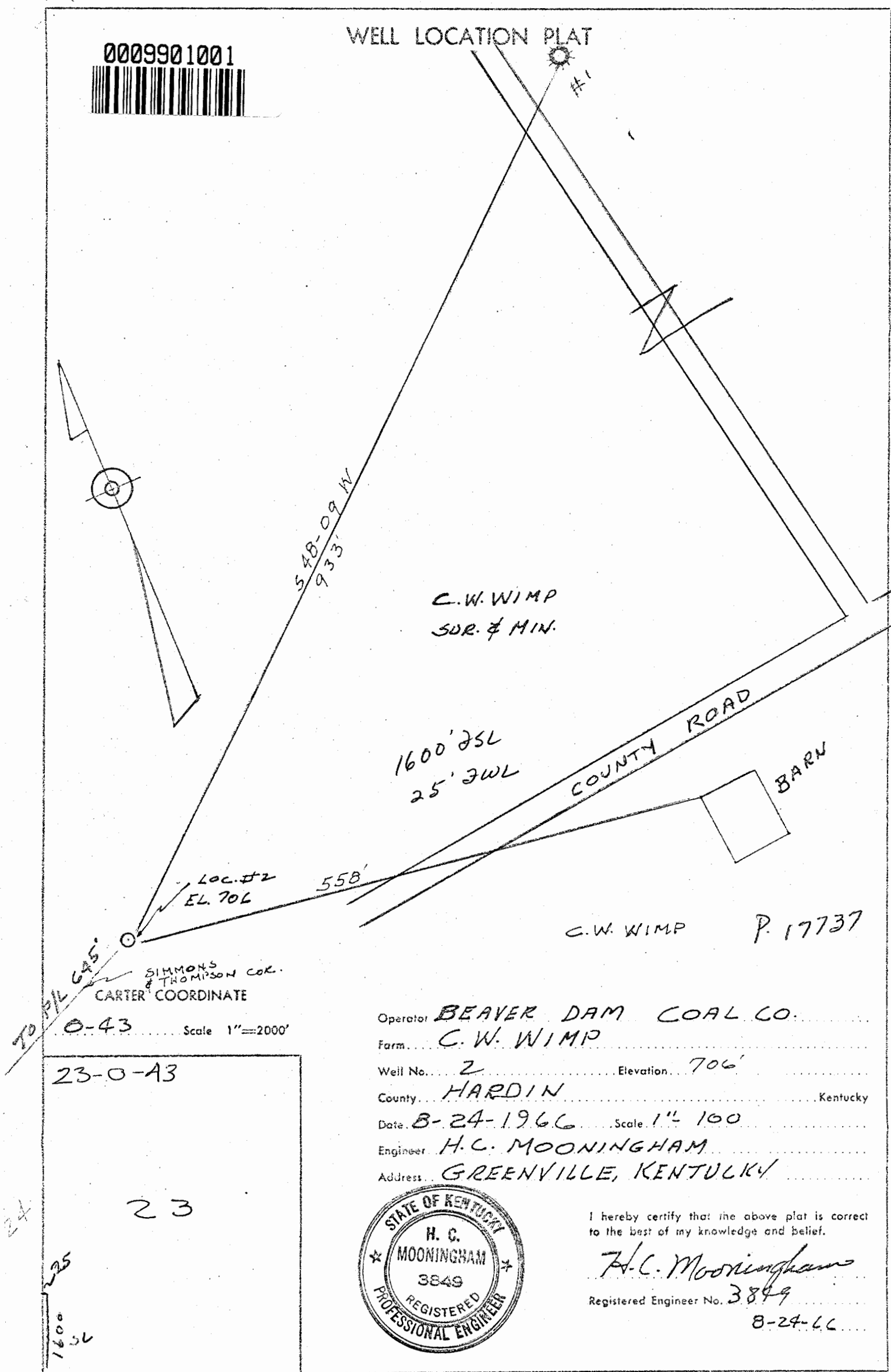


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Kentucky Geological Survey; Kentucky Division of Oil and Gas
Kentucky Geological Survey

author: Kentucky Geological Survey
copyright Kentucky Geological Survey

0009901001
[Barcode]

WELL LOCATION PLAT



C.W. WIMP
SUR. & MIN.

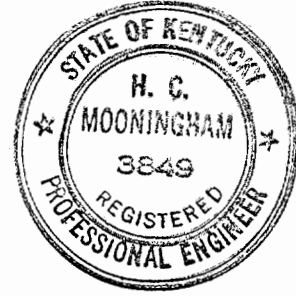
COUNTY ROAD
BARN

C.W. WIMP P. 17737

TO S 1/2 E 64.5'
SIMMONS & THOMPSON COR.
CARTER COORDINATE
0-43 Scale 1"=2000'

23-0-43
23
24
235
1600

Operator BEAVER DAM COAL CO.
 Farm C.W. WIMP
 Well No. 2 Elevation 706'
 County HARDIN Kentucky
 Date 8-24-1966 Scale 1"=100
 Engineer H.C. MOONINGHAM
 Address GREENVILLE, KENTUCKY



I hereby certify that the above plat is correct to the best of my knowledge and belief.
H.C. Mooningham
 Registered Engineer No. 3849
8-24-66

Elevation 706

open Beaver Dam Coal Co.
C.W. Wimp No. 2

D-17737
C.W. Wimp # 2
Hardin County, Ky.

23-0-43

1600' 35L
25' FWL

0	2	Soil
2	22	Yellow clay
22	32	White lime
32	75	Blue, white broken lime
75	85	Gray lime
85	91	Blue, gray lime
91	100	Gray lime
100	140	Dark gray lime
140	158	Gray shaley lime
158	170	Gray sandy lime
170	180	Gray lime, shale streaks
180	197	Light gray sand
197	245	Gray lime
245	274	Dark gray lime, shale streaks
274	295	Dark gray lime
295	320	Gray shale, lime shells
320	324	Dark gray lime (Hard)
324	380	Gray shale, lime shells
380	390	Light gray lime
390	395	White lime (Hard)
395	440	Light gray lime
440	445	Dark gray lime
445	480	Dark gray sandy lime
480	507	Light gray sandy lime
507	632	Dark gray sandy lime
632	690	Blue shale
690	707	Blue, green shale (muddy)
707	782	Black shale
782	787	White lime
787	793	Gray lime
793	812	Gray sandy lime
812	833	Brown, gray lime
833	834	Gray Porous lime GAS
834	836	Bluish gray lime OIL SHOW, Sandy
836	838	Bluish gray sandy lime 400' Salt water
836	840	" " " "
840	845	Sample blowed from hole
845	861	Blue sand, lime
861	869	Dark gray shale, lime
869	879	Gray shale, white mud
879	889	Brown, gray lime
889	910	Gray lime
910	924	Gray water sand
924	927	Gray sandy lime
927	932	Gray shale, white mud
932	942	Yellow cap, gray lime
942	951	Dark gray, white lime
951	957	Dark gray lime
957	962	Light gray, green lime
962	970	Gray, white lime
970	1009	Dark gray lime
1009	1025	Green limey shale

Set 23'-10"-10" Casing.

H.F.W. at 48 feet.

Oil well on pump 11-29-66
Pul. out plunger 12-30-66
Transf. to C.W. Wimp 2-15-67
from 516W
GS well in Cecilia, GS of City of Elizabethtown
from prior to 9-17-74

Set 360'-8" Casing.

0009901002



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FEB 20 1967
DEPT. OF MINES AND MINERALS
LEXINGTON, KENTUCKY

Set 892'-7" Casing.

Fulled 892'-7" Casing
Reamed 892-926

Reset 977'-7" Casing.

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FEB 27 1967

KENTUCKY GEOLOGICAL SURVEY

Elevation 706'

C.W. Wimp. No. 2

Hardin County, Ky.

1025	1064	Green, gray lime, shale
1054	1123	Gray shaley lime
1123	1169	Dark gray lime, shale
1169	1195	Gray lime, shale
1195	1205	Blue, gray lime
1205	1235	Gray shaley lime
1235	1261	Gray, white lime, shale
1261	1494	Gray shale, lime shells
1494	1580	Gray, white lime
1580	1592	Brown, gray lime
1592	1600	Gray lime
1600	1657	Dark gray flaky lime
1657	1658	Green shale (Pencil Cave)
1658	1679	Brown, gray lime
1679	1698	Tan lime
1698	1711	Gray, brown lime
1711	1774	Brown lime
1774	1835	Gray, brown lime
1835	1849	Brown lime
1849	2087	Gray, brown lime
2087	2100	Dark gray lime
2100	2115	Brown, gray lime
2115	2120	Brown lime
2120	2141	Dark gray, brown lime
2141	2167	Gray, brown lime
2167	2200	Dark gray, brown lime
2200	2214	Brown lime (Hard)
2214	2215	Green shale Break
2215	2220	Brown lime (Hard)
2220	2245	Gray lime, Green shale
2245	2268	Light gray flaky lime
2268	2280	Light brown sand Sulphur, salt water.
2280	2287	Tan sand 200' Fill up. Water
2287	2302	Gray water sand 800' Fill up. Water
2302	2332	Gray water sand 2100' Fill up. Water, Black Sulphur
2302	2332	Total Depth S.L.M. Salty.

0009901003



Plugged back to 961 with Crushed Rock, Mud &
Cement. 3 1/2 Bags Cement at 2000'.
3 1/2 Bags Cement at 1634'.
16 Bags Cement on Top of Crushed
Rock at 910'.

23-0-43

PERMIT NO.	
LOCATION	1600' FSL x 25' FWL
ELEVATION	706
ADDED BY KENTUCKY GEOLOGICAL SURVEY PERSONNEL	

Left casing in hole.
23'-10" = 16" casing
360'-8 5/8" casing

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES & MINERALS
DIVISION OF OIL AND GAS
P. O. BOX 14090
LEXINGTON, KENTUCKY 40512-4090



AFFIDAVIT TO TIME AND MANNER
OF PLUGGING AND FILLING WELL
AS REQUIRED BY LAW

99

See note on reverse side

(TYPE OR PRINT IN INK)

City of Elizabethtown Kentucky, 200 West Dixie Avenue, Elizabethtown, KY 42701
NAME AND ADDRESS OF LAST OPERATOR
Beaver Dam Coal Company, address unknown
NAME AND ADDRESS OF ORIGINAL OPERATOR
NAME AND ADDRESS OF COAL OPERATOR
706 original
PERMIT NO. 17737, ELEVATION 704.19 rerun, COUNTY Hardin, TOTAL DEPTH 2332
CARTER COORDINATES 1600 ~~PNE~~ FSL, 25 ~~FEL~~ FWL, SEC. 23, LETTER 0, NUMBER 43
FARM OWNER (LESSOR) C. W. Wimp WELL NUMBER 2

AFFIDAVIT TO BE MADE IN TRIPPLICATE, ONE COPY TO BE MAILED TO THE DEPARTMENT OF MINES AND MINERALS, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD TO BE MAILED BY REGISTERED MAIL TO EACH COAL OPERATOR NAMED AT THEIR RESPECTIVE ADDRESSES.

AFFIDAVIT

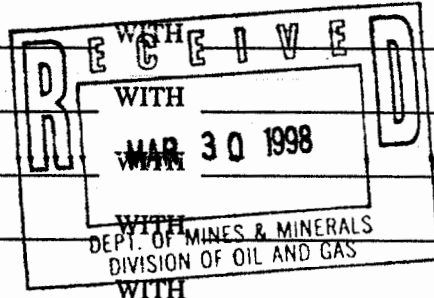
STATE OF KENTUCKY,
COUNTY OF Daviess } ss:

0009901004



James K. Vincent, Consultant to _____, OPERATOR OF THE ABOVE CAPTIONED WELL DOES
HEREBY SWEAR THAT THE PLUGGING OF SAID WELL WAS COMPLETED ACCORDING TO INSTRUCTIONS FROM THE OIL AND GAS
INSPECTOR AND ACCORDING TO CHAPTER 353 OF THE KENTUCKY REVISED STATUTES ON February 9, 19 72,
RECORD OF WHICH IS LISTED BELOW OR SHOWN ON THE BACK OF THIS FORM.

PLUGGED: FROM 950 feet TO Surface WITH 350 sacks posmix cmt. (PLUG DESCRIPTION)
FROM _____ TO _____ WITH _____
FROM _____ TO _____ WITH _____
FROM _____ TO _____ WITH _____
FROM _____ TO _____ WITH _____
FROM _____ TO _____ WITH _____
FROM _____ TO _____ WITH _____
FROM _____ TO _____ WITH _____



INDICATE BELOW THE SIZE AND INTERVAL OF ALL CASING LEFT IN THE WELL AND IF AND WHERE IT WAS SHOT OFF.
CASING SIZE 8 5/8", INTERVAL 360-0 feet, SHOT OFF AT _____ BOTTOM OF CASING AT _____
CASING SIZE _____, INTERVAL _____, SHOT OFF AT _____ BOTTOM OF CASING AT _____
CASING SIZE _____, INTERVAL _____, SHOT OFF AT _____ BOTTOM OF CASING AT _____
IF CASING WAS NOT LEFT IN THE WELL, INDICATE THE BORE HOLE SIZE AND INTERVAL.
BORE HOLE SIZE 8" INTERVAL 950-360
BORE HOLE SIZE _____ INTERVAL _____
STATE WHETHER OR NOT OTHER STEEL OR JUNK WAS LEFT IN THE WELL AND DESCRIBE: None from 950-0 feet

(OPTIONAL) SIGNATURE OF CONTRACTOR RESPONSIBLE FOR ABOVE PLUGGING TITLE
James K. Vincent James K. Vincent, PG, PE, Consultant to City of Elizabethtown
(REQUIRED) SIGNATURE OF OPERATOR RESPONSIBLE FOR ABOVE PLUGGING TITLE

SWORN TO AND SUBSCRIBED BEFORE ME THIS 27th DAY OF March, 19 98

MY COMMISSION EXPIRES: 3/4/2001
Lambert J. Miller NOTARY PUBLIC OVER

0009901005



CEMENT TABLE

HOLE SIZE	2"	3"	4"	5"	6 1/2"	8"	8 1/2"	8 3/4"	10"	12"	16"
NO. FT. FILLED PER SACK OF CEMENT*	45'	20'	11'	7'	4'	2 3/4'	2 1/2'	2 1/3'	2'	1'	1/2'

* 1 CUBIC FOOT PER SACK

GRAPHICALLY SHOW BELOW THE LOCATION AND INTERVAL OF ALL PLUGS INSTALLED.

SURFACE

CONTINUED

James K. Vincent
James K. Vincent, PG, PE

NOTE: This hole was originally drilled by Beaver Dam Coal Company. It was then taken by Milby and Adney, the original developers of the Cecilia Gas Field. When the field was converted to underground gas storage, it was taken by the City of Elizabethtown. Although the undersigned supervised the plugging of the well, he or his firm were not principal consultants on the project for the city of Elizabethtown; therefore, it was assumed that the principal consultant took care of securing permission to plug and filed the required plugging affidavit.

The well was cleaned out to 950 feet where a good plug by the original operator was encountered. The hole was then plugged with 350 sacks of regular pozmix cement by Halliburton Company on 2/9/72. Good cement returns were received at the surface. The plugging record of the original operator covering the interval 2332 to 950 feet should be of record with the Division of Oil and Gas.

TOTAL DEPTH

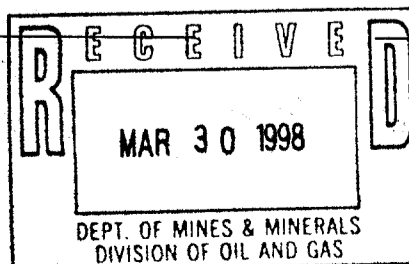
IF THE WELL IS TO BE LEFT AS A DOMESTIC WATER WELL, PLUG ACCORDING TO THE INSPECTORS INSTRUCTIONS, COMPLETE THIS FORM ON BOTH SIDES AND HAVE THE FOLLOWING AFFIDAVIT SIGNED BY THE REAL ESTATE OWNER.

AFFIDAVIT

I, _____, THE OWNER OF THE REAL ESTATE ON WHICH THIS WELL WAS DRILLED, DESIRE THAT THE WELL BE LEFT OPEN FROM THE FRESH WATER ZONE TO THE SURFACE FOR USE AS A WATER WELL AND DO HEREBY ACCEPT THE FULL RESPONSIBILITY FOR SAID WATER WELL. THE OIL OPERATOR REMAINS RESPONSIBLE FOR ALL PLUGS BELOW THE FRESH WATER ZONE

SIGNATURE OF OWNER OR HIS AGENT

DATE



Q.22782

Donald Cowherd Farm

Well 1

~~Robert L. Adney & Kirby Operator~~

Hardin Co. Cecilia Quadrangle

Well Location No. 1 2360FNL x 2200FEL 24-0-43

18800' FSL x 7440' FWL of Cecilia Quad.

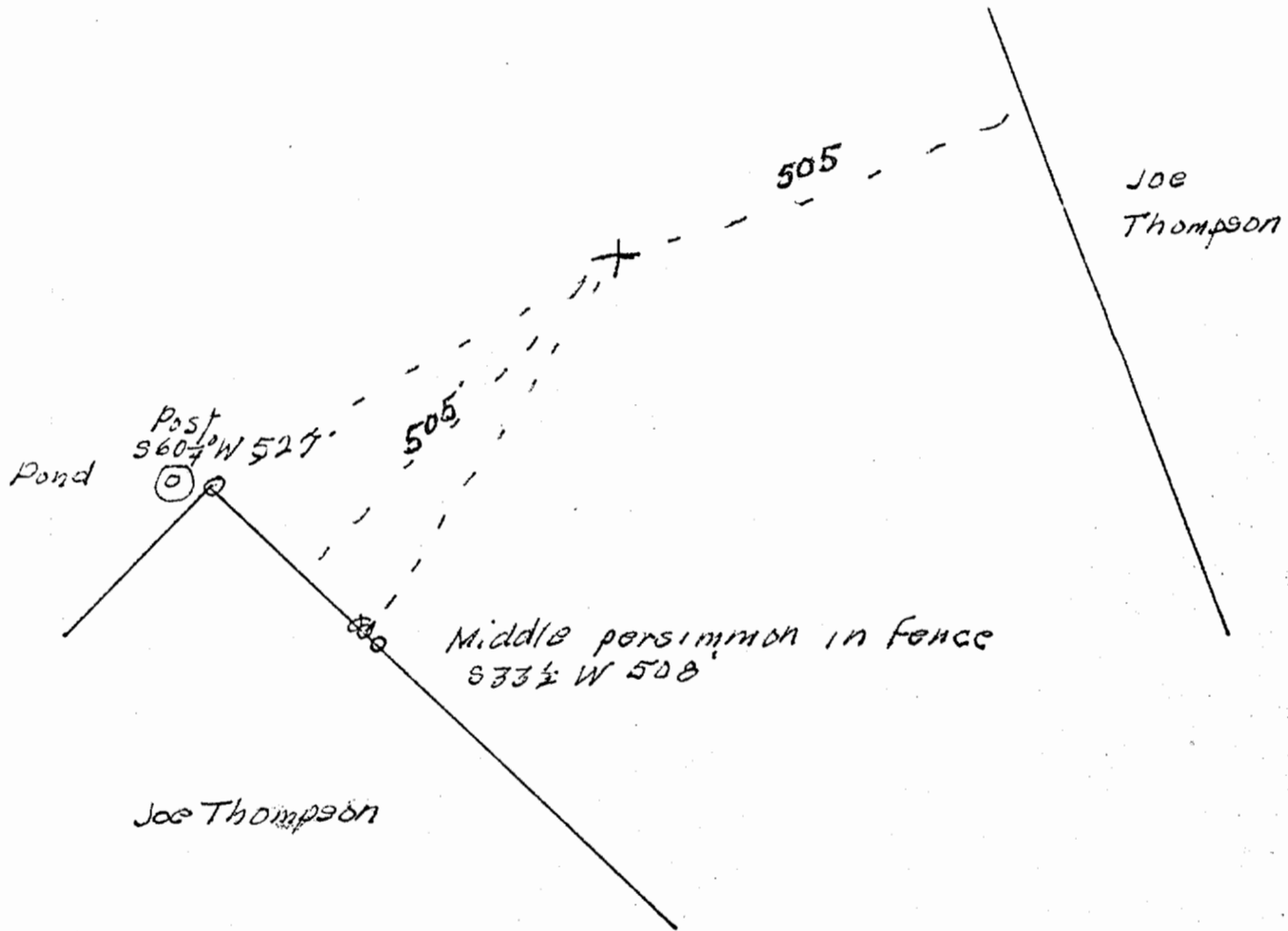
Elevation 739.1 by transit from barn contour.

1 in. = 200 ft.

Magnetic bearings

Horizontal distances

0101664001



This is certified the above plat is correct and correct
to the best of my knowledge and belief

Aug 18 1969
Willis D. Redigo
Educator, Ky.

0101664002



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JAN 21 1970

DEPT. OF MINES AND MINERALS
LEXINGTON, KENTUCKY

Form G

WELL RECORD



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION

P. O. Box 688
Lexington, Ky.

2360' JNL
2200' FEL

Gas

24-0-43

Permit No. 22782

Oil or Gas Well GAS
(Kind)

Company ROBERT L ADNEY
Address GREENSBURG KY
Farm DONALD COWHERD Acres
Location (waters)
Well No. 1 Elev. 739.1
District _____ County HARDIN
Drilling Commenced 8-29-69
Drilling Completed 10-6-69
Name of Contractor R.H. NORRIS
Address of Contractor GLASGOW KY
Date Shot _____ From _____ To _____
With _____
Open flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch

Casing and Used in Left In Tubing
Drilling Well
Size _____ Kind of Packer
16 _____
13 _____
10 8 3/4 Size of _____
8 1/4 118
6 3/4 404 Depth Set _____
5 3/16 814
3 _____ Perf. top _____
2 _____ Perf. bottom _____
Liners Used _____
Perf. top _____
Perf. bottom _____
Casing Cemented _____ Size _____ No. Ft. _____ Date _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas & Coal or Water	Depth Found	Remarks
SOIL			0	10	WATER	75	
SAND			10	118			
LIME	BLUE		118	409			
LIME	GRAY		409	431			
LIME	DK GRAY		431	469			
LIME	LT. GRAY		469	513			
LIME	GRAY		513	590			
LIME	DK GRAY		590	611			
LIME	LT. GRAY		611	652			
CHERT & LIME	BROWN		652	660			
SHALE & MUD	BLUE		660	707			
SHALE	GREEN		707	744			
SHALE	BLACK		744	814			
LIME	BLUE & WHITE		814	825			
LIME	GRAY		825	830			
LIME	WHITE		830	857	SHOW GAS	857	
SANDY LIME	BROWN		857	871	INCREASE GAS	873	7 MILLION CU FT GAS

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KENTUCKY GEOLOGICAL SURVEY

2150' FNL
1150' FWL
Sec. 19-0-43

Marvin Aiken Farm

W.C. Milby & Robert L. Adney Operator

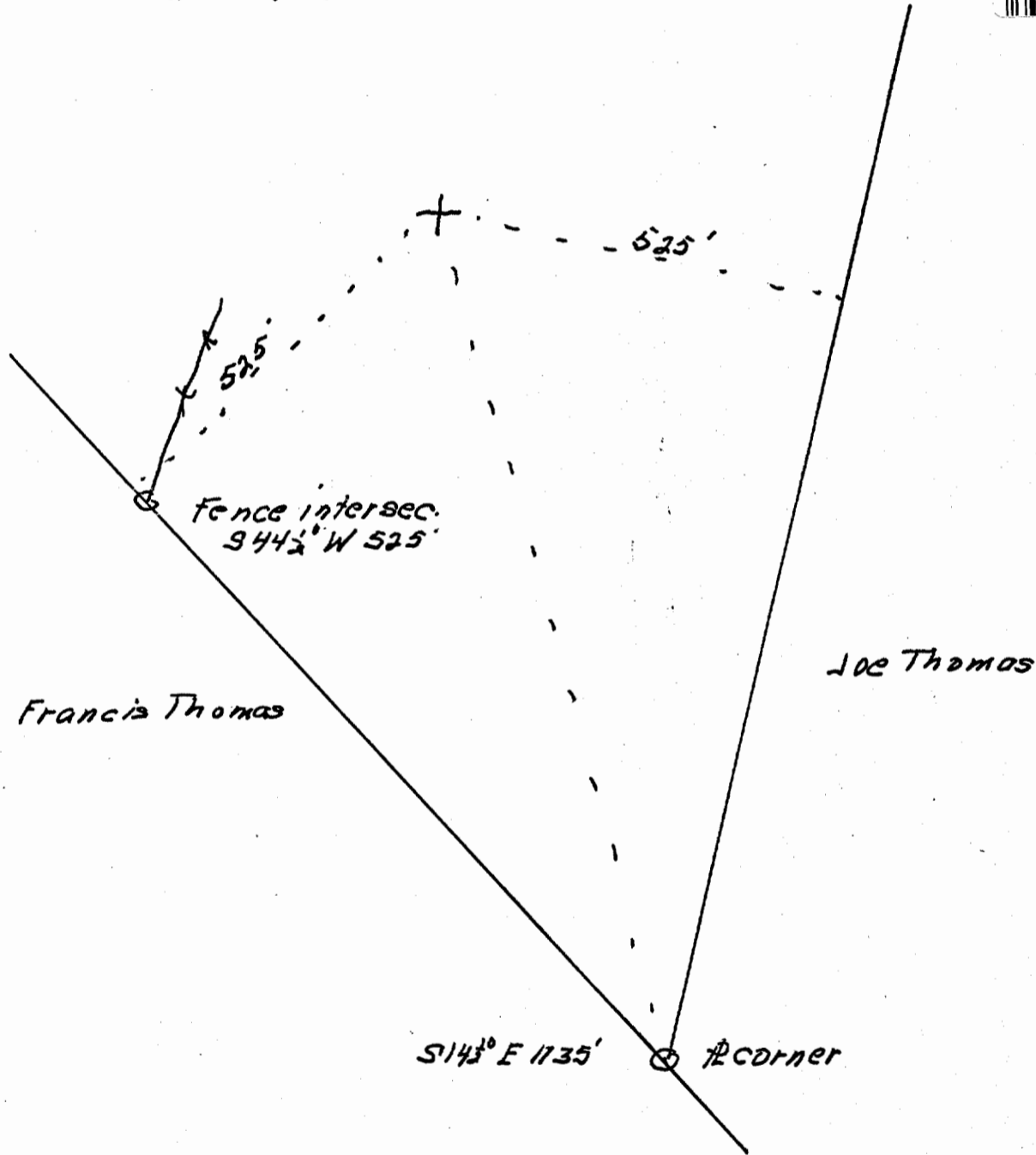
Hardin Co. Cecilia Quadrangle

Well Location (No. 1) 20,400' FNL x 15,600' FWL
of Cecilia Quadrangle

Elevation 800.3' by transit from barn contour

1 in. = 200 ft.

Magnetic bearings
Horizontal distances



I hereby certify the above plat is accurate and correct
to the best of my knowledge and belief
April 7 1968
Edith D.C. Adney
Edmonton, Wyo.

0101665002



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DEPT. OF MINES AND MINERALS
LEXINGTON, KENTUCKY

Form G

WELL RECORD



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION

P. O. Box 680
Lexington, Ky.

2150' 7NL
1150' 7WL

19-0-43

Plugged

Permit No. 22282

Oil or Gas Well D4A
(Kind)

Company ROBERT L ADNEY
 Address GREENSBURG KY
 Farm MARVIN AIKEN Acres.....
 Location (waters).....
 Well No. 1 Elev. 800.3
 District..... County HARDIN
 Drilling Commenced 4-17-69
 Drilling Completed 7-9-69
 Name of Contractor R.H. NARRIS
 Address of Contractor GLASGOW KY
 Date Shot..... From..... To.....
 With.....
 Open flow /10ths Water in..... Inch
 /10ths Merc. in..... Inch

Casing and Used in Left In Tubing
 Drilling Well
 Size..... Kind of Packer.....
 16.....
 13.....
 10..... Size of.....
 8 3/4 54' 54' 761' 205'
 6% 102' 2" Depth Set.....
 5 3/16.....
 3..... Perf. top.....
 2..... Perf. bottom.....
 Liners Used.....
 Perf. top.....
 Perf. bottom.....
 Casing Cemented..... Size..... No. Ft..... Date.....

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas & Coal or Water	Depth Found	Remarks
SOIL			0	5			
MUD	BROWN & BLUE		5	15			
MUD & BOULDERS			15	40			
MUD			40	50			
SAND			50	62			
LIME & SAND			62	85			
LIME GRAY			85	100			
LIME & SAND			100	167			
LIME GRAY			167	178			
LIME BROWN			178	186			
LIME GRAY			186	194			
GRAVEL & MUD			194	204			
LIME BLUE			204	230			
LIME GRAY			230	500			
LIME WHITE			500	550	SALT WATER 525-530		
LIME GRAY			550	590			
LIME BROWN			590	630			
LIME GRAY			630	635			
LIME BROWN			635	679			
LIME BLACK			679	725			
SHALE GREEN			725	815			
SHALE BLACK			815	894			
LIME WHITE			894	902			
COANIFEROUS			902	925			
LIME GRAY			925	935			
SAND BLUE			935	989	SALT WATER 948-954		
MUD GREEN			989	1000			
SAND BLUE			1000	1048			
MUD GREEN			1048	1052			

RECEIVED
JAN 23 1970
KENTUCKY GEOLOGICAL SURVEY

D4A PLUGGED 7-9-69

Ⓟ. 23021

Minnie McHatten Farm

Robert L. Adney & ~~W.C. Milby~~ Operator

Hardin Co. Cecilia Quadrangle

Well Location (No. 1) ~~21660 FSL x 7540 FWL~~

of Cecilia Quadrangle

Elevation 733.3 by transit from house contour

1 in. = 200 ft.

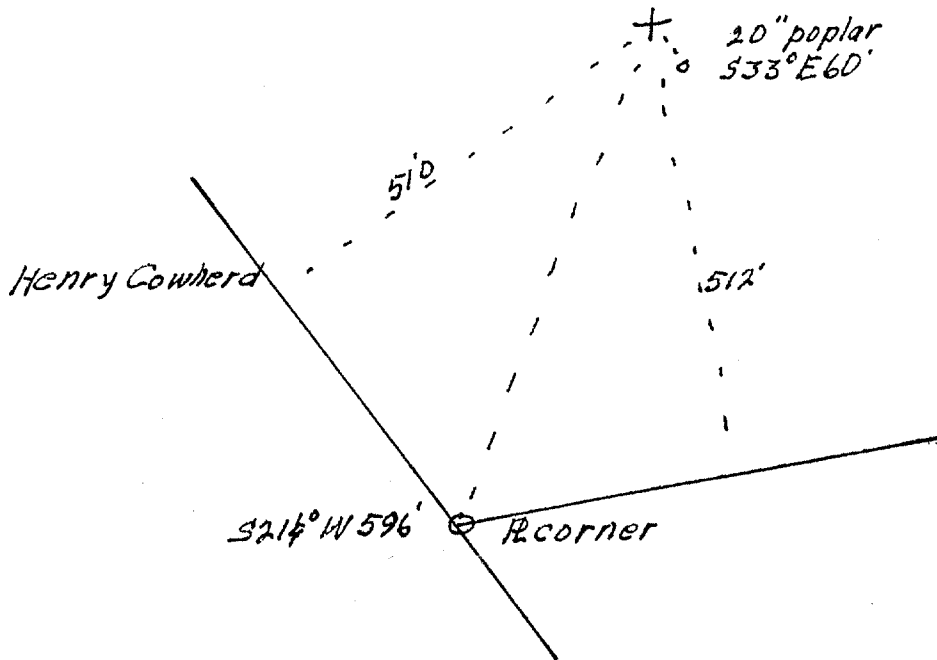
Magnetic bearings

Horizontal distances

0101666001



17-0-43
435 FSL 2700 FWL



I hereby certify the above plot is accurate and correct to the best of my knowledge and belief.

Oct 21 1969
Wilbur A. Adney
Educator, Ky.



RECEIVED
JUL 16 1970

DEPT. OF MINES AND MINERALS
LEXINGTON, KENTUCKY

435' 95L
2700' FWL

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION

P. O. Box 680
Lexington, Ky.

17-0-43

Permit No. 23021

Oil or Gas Well GAS
(Kind)

See

shot in 1-1970

Company	ROBERT L. ADNEY		Casing and Used in Left In Tubing
Address	216 PENICK AVE, GREENSBURG, KY.		Drilling Well
Farm	MINNIE McHATTON Acres 100		Size
Location (waters)	40		16 Kind of Packer
Well No.	1	Elev. 733.3	13
District		County HARDIN	10 Size of
Drilling Commenced	10-29-69		8 3/4
Drilling Completed	12-17-69		6 3/4 405'
Name of Contractor	R. H. NORRIS & SONS		5 3/16
Address of Contractor	GLASGOW, KY		3 Perf. top
Date Show	NONE From To		2 Perf. bottom
With			Liners Used NONE
Open flow	/10ths Water in	NONE	Inch
	/10ths Merc. in		Inch
Casing Cemented	Size	6 3/8	No. Ft 405
	Date	11-21-69	

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas & Coal or Water	Depth Found	Remarks
TOP SOIL & CLAY	BROWN	SOFT	0	30			
BOULDERS & CLAY	YELLOW	SOFT	30	60	FRESH WATER	40'	
CAVING HOLE & BOULDERS	YELLOW	SOFT	60	93			
LIME	BROWN	HARD	93	120			
LIME	GREY	HARD	120	124			
LIME	BROWN	HARD	124	254			
LIME	GREY	HARD	254	426			
LIME	WHITE	HARD	426	434	SHOW GAS	434	
LIME	GREY	HARD	434	580			
LIME	BROWN	HARD	580	655	SMALL SALT WATER	655	
SHALE	BLUE	SOFT	655	738			
SHALE	BLACK	SOFT	738	815			
LIME	BLUE	SOFT	815	895			
SHALE	BLUE	SOFT	895	901	GAS & SALT WATER	856'	
LIME	BLUE	SOFT	901	957	T.D 957'		



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JUL 22 1970
KENTUCKY GEOLOGICAL SURVEY

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas & Coal or Water	Depth Found	Remarks

0101666003



Date 14 JULY, 19 70

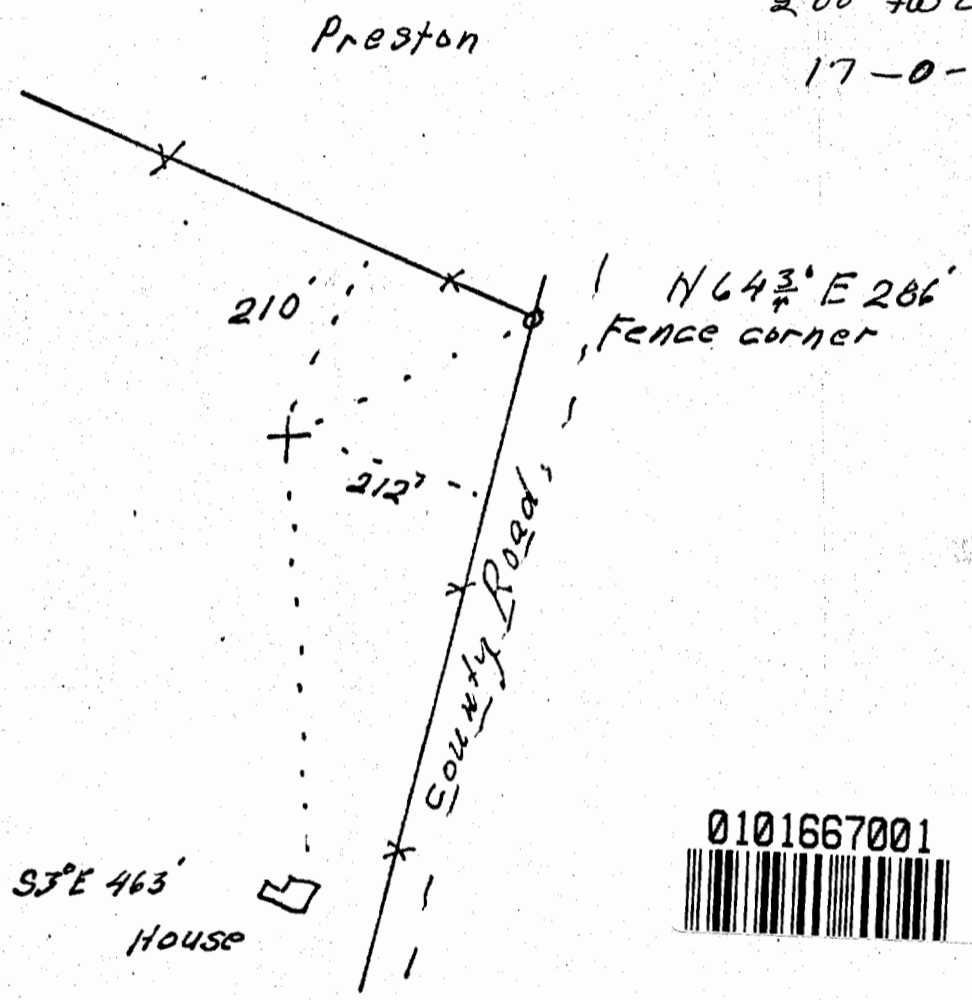
APPROVED ROBERT L. ADNEY, Owner

By Robert L. Adney
(Title)

Stanley Slaughter Farm
 Robert L. Adney & W.C. Mitby Operator
 Hardin Co. Cecilia Quadrangle 5050
 Well Location No. 1 ^{219.50'} ~~218.60'~~ FNL x ~~4000'~~ ^{5050'} FWL
 of Cecilia Quadrangle (2350' FSL & 200' FWL, sec. 17-0-43)
 Elevation 737.56' by transit from Well No. 1 Cowherd

1 in. = 200 ft.
 Magnetic bearings
 Horizontal distances

P. 24386
 235075L
 200' FWL
 17-0-43



I hereby certify the above plat is accurate and correct
 to the best of my knowledge and belief Dec 11 1928
 William H. Pedego
 Edmore, Ky.



WELL RECORD



RECEIVED
FEB 4 1971
DEPT. OF MINES AND MINERALS
LEXINGTON, KENTUCKY

2350' 752
200' 722
17-0-43

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION

P. O. Box 680
Lexington, Ky.

Permit No. 24386

Oil or Gas Well GAS
(Kind)

Company ROBERT L. ADNEY
Address 216 PENICK AVE, GREENSBURG, KY
Farm STANLEY SLAUGHTERS Acres 6.6
Location (waters) 160' x 875'
Well No. 1(0) Elev. 737.56
District _____ County HARDIN
Drilling Commenced JAN. 4 1971
Drilling Completed JAN. 14 1971
Name of Contractor CARLAS WOODEN
Address of Contractor UPTON, KY
Date Shot NONE From _____ To _____
With _____
Open flow /10ths Water in. NONE Inch
/10ths Merc. in. _____ Inch

Casing and Used in Left In Tubing
Drilling Well
Size _____ Kind of Packer _____
16 _____
13 _____ NONE
10 _____ Size of _____
8 1/4 62' _____
6 5/8 314' _____ Depth Set _____
5 3/16 _____
3 _____ Perf. top _____
2 _____ Perf. bottom _____
Liners Used _____
Perf. top _____
Perf. bottom _____
Casing Cemented _____ Size _____ No. Ft. _____ Date _____
NONE

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas & Coal or Water	Depth Found	Remarks
SOIL, CLAY, SAND, BOULDERS	YELLOW	SOFT	0	62	WATER	40'	
LIME	GREY	HARD	62	663	WATER	160'	
SHALE	BLUE	SOFT	663	740			
SHALE	BLACK	SOFT	740	822			
LIME	BROWN	HARD	822	900	SALT WATER	875'	
SHALE	BLUE	SOFT	900	905			
LIME	GREY	HARD	905	950			
SHALE	BLUE	SOFT	950	959			T.D. 959'

RECEIVED
FEB 5 - 1971
KENTUCKY GEOLOGICAL SURVEY

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas & Coal or Water	Depth Found	Remarks

0101667003



Date Feb. 2, 1971

APPROVED Robert L. Adney Owner

By _____ (Title)

0113963001



OPERATOR: CITY OF ELIZABETHTOWN
 FARM DONALD COWHERD
 WELL NO. 9
 ELEV. 746.7'
 COUNTY HARDIN
 STATE KENTUCKY
 DATE: JUNE 28, 1996
 SCALE 1" = 300'
 USGS QUADRANGLE: CECILIA

RECEIVED

JUL 2 1996

DEPT. OF MINES AND MINERALS
DIVISION OF OIL AND GAS

DIV. OF OIL & GAS
 FORMATION: SILURIAN
 DEPTH: 1500
 PURPOSE: GS
 INJ. RES.: X YES NO
 SAMPLES: 270 32

EX. GAS WELL
COWHERD #5
EL. = 741.3'

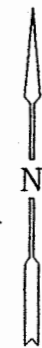
HUB W/TACK

EX. GAS WELL
COWHERD #7
EL. = 746.0

RECEIVED

JUL 9 1996

DEPT. OF MINES AND MINERALS
DIVISION OF OIL AND GAS



PROP. GAS WELL COWHERD #9
 SEC 24 TOWNSHIP 0 RING 43
 2000 FNL 1800 FWL
 ELEV. = 746.7'

DONALD COWHERD SURF. & MIN. RIGHTS
 DONALD COWHERD LEASOR
 CITY OF ELIZABETHTOWN LEASEE

PROPOSED GAS WELL
 DONALD COWHERD #9
 STORAGE FIELD
 CECILIA, KY

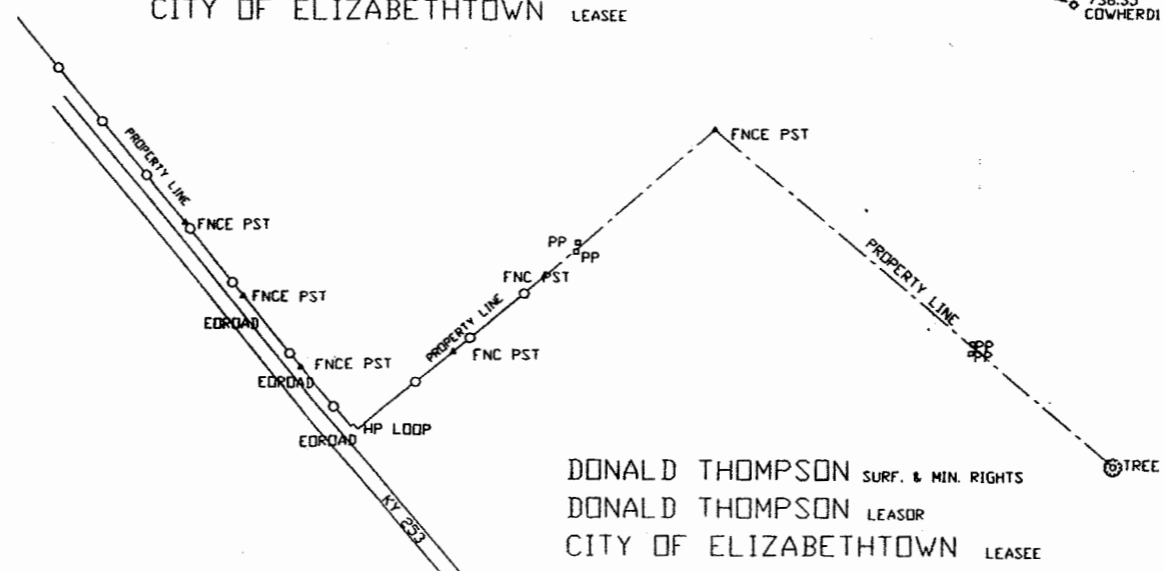
STATE OF KENTUCKY
 R. A. AMATO
 3287
 REGISTERED
 LAND SURVEYOR

PERMIT NO. 27900
 LOCATION _____
 ELEVATION _____
 MADE BY KENTUCKY GEOLOGICAL SURVEY PERMITS

I HEREBY CERTIFY THAT THE
 ABOVE PLAT IS ACCURATE AND SATISFIES
 THE REQUIREMENTS OF 805 KAR 1:030
 TO THE BEST OF MY KNOWLEDGE AND BELIEF.

R.A. Amato 6-29-96

R. A. AMATO, PLS # 3287
 200 W. DIXIE AVE. PO BOX 550
 ELIZABETHTOWN, KY 42702
 PHONE: 502-765-6121



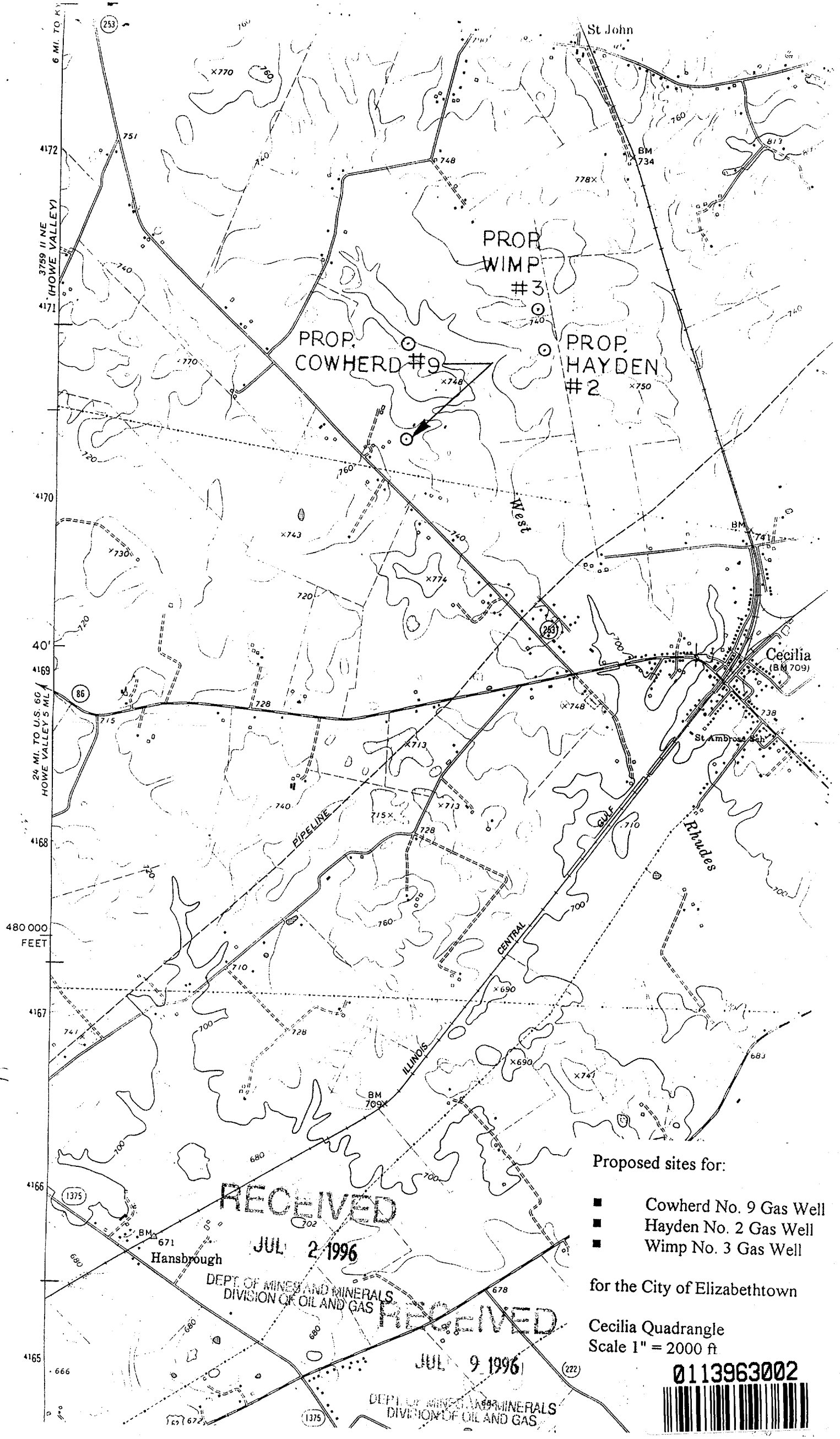
SCALE: 1" = 300'
 DATE:
 PROJECT/
 TASK NO.:
 DRAWN:
 CHECKED:

APPROVED BY:

Not a warranty and does not constitute an offer of insurance. This policy is subject to the terms, conditions and exclusions of the policy. The City of Elizabethtown is not liable for the accuracy of this drawing.

DRAWING:





6 MI. TO K
 3759 II NE
 (HOWE VALLEY)
 4172
 4171
 4170
 40'
 4169
 24 MI. TO U.S. 66
 HOWE VALLEY 5 MI.
 4168
 480 000
 FEET
 4167
 4166
 4165

RECEIVED
 JUL 2 1996

DEPT. OF MINES AND MINERALS
 DIVISION OF OIL AND GAS

RECEIVED

JUL 9 1996

DEPT. OF MINES AND MINERALS
 DIVISION OF OIL AND GAS

Proposed sites for:

- Cowherd No. 9 Gas Well
- Hayden No. 2 Gas Well
- Wimp No. 3 Gas Well

for the City of Elizabethtown

Cecilia Quadrangle
 Scale 1" = 2000 ft

0113963002





TYPE OR PRINT

OPERATOR'S PHONE: (502) 765-6121 (221)

WELL IDENTIFICATION

Permit No. 87900

Operator City of Elizabethtown

Farm Name Cowherd, Donald Well No. 9

TYPE OPERATION	LOCATION
Twirl <input type="checkbox"/>	County Hardin
Re-open <input type="checkbox"/>	Sec. 24, Letter 0, Number 43
New Well <input checked="" type="checkbox"/>	2000 FNL 1800 FWL
Workover <input type="checkbox"/>	
Deepening <input type="checkbox"/>	

ELEVATION 746.7 (ground) 752.7 (K.B.)

OPERATIONAL DATES

Commenced July 19, 1996 Completed August 20, 1996

Placed in Operation 1997

Plugged Shut in August 20, 1996

DRILLING CONTRACTOR

Name Har-Ken Oil Company

Address P.O. Box 21626
Owensboro, KY 42304

WATER ENCOUNTERED

Type	From	To

Comments Mud Rotary

✓ GEOPHYSICAL LOGS RUN (As required by KRS 353.650(2))

(Electrical, induction, sonic, gamma ray, neutron, density, etc.)

Type	From	To
Ind - SP - MLGR	998	493
Density - Neutron	987	40
BHS - GR	998	356
Cement Bond	980	0
Gamma Ray - Neutron	980	0

TOTAL DEPTH DRILLED 1005D, 1006L
(As required by KRS 353.670)

CASING DATA

Casing Outside Diameter	Hole Diameter	Depth	Cement No. Sks.	Pulled Yes/No
* 8 5/8"	12 1/2"	493	500	NO
** 4 1/2"	7 7/8"	998	190	NO

Cement yield in cubic feet/sack = * 1.18 ** 1.59

Comments

TYPE OF COMPLETION (Check One)

Dry Hole Domestic Gas

Oil

Gas (Shut-in or Producing)

ENHANCED RECOVERY: Water Injection Gas Injection

SERVICE WELL: Water Supply Salt Water Disposal Observation

GAS STORAGE: Injection-Extraction Other

Other Describe

WELL TREATMENT

Type of Frac. SHOT

Type Shot

Shot Interval

Shot Amount

COMPLETION INTERVAL PERFORATIONS OR OPEN HOLE INTERVAL

Formation Lego Dolomite Interval 872-82 perforations

Formation Interval

TREATMENT

Type Treatment 15% HCl with Intensifier

Acid Amount 47.62 BBls. 2nd Stage BBls.

Total Fluid 47.62 BBls. 2nd Stage BBls.

Total Nitrogen SCF

Total Sand lbs.

ADDITIONAL CEMENTING

Squeeze Cement Sks. Top Interval

Plug Back Sks. Top Interval

INITIAL TEST VOLUMES

Oil: Natural B/D Date

After Treatment B/D Date

Gas: Natural Not Tested MCF Date

Against Backpressure of PSI

Shut-in Pressure after OCT 31 1996 hours

After Treatment MCF Date

Against Backpressure of PSI

Shut-in Pressure 278 after 274 hours

LIST DST'S, CORES, FILL-UP TESTS AND OTHER SPECIALIZED TESTS

Formation Name	Interval
Lego Dolomite	865-91 recovered 14.5 ft.
Laurel Dolomite	920-50 recovered 26 ft.

This form must be completed and filed for every permit immediately after completion of the well. Re-opened wells need not include a Driller's Log, however, the front side of this form must be completed. Incomplete forms will be rejected.

FORMATION RECORD

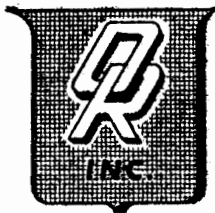
From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	49	Soil & clay			
49	670	Limestone			
670	745	Shale, gray			
745	820	Shale, black			
820	830	Limestone			
830	902	Dolomite			
902	910	Shale			
910	1005	Dolomite			



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OCT 31 1996
DEPT. OF MINES AND MINERALS
DIVISION OF OIL AND GAS

AFFIDAVIT

City of Elizabethtown _____, operator of the well captioned as
 Permit Number 87900 does hereby swear that the depth of the well
 is accurate and correct and does not exceed the permitted depth of 1500
 Signature of Operator S. Patrick Ritchie Superintendent, Gas Department 10/30/96
 S. Patrick Ritchie Title Date
 Sworn to and subscribed before me this 30th day of October, 19 96
 My Commission Expires: 11/4/97
Wanda W. Young
 Notary Public



OILFIELD RESEARCH, INC.

R113963

COMPANY CITY OF ELIZABETHTOWN **ELEVATION** 746' GL 752 KB **FILE NO.** 96-7-31
LEASE DONALD COWHERD **WELL** 9 **FORMATION** LEGO DOLO. **DATE CORED** 7/23/96
FIELD CECILIA **DRLG. FLUID** FRESH WATER **DATE REPORT** 7/31/96
COUNTY HARDIN **STATE** KY. **TYPE OF CORE** DIAMOND **PERMIT NO.**
LOCATION 2000' ENL 1800' FWL 24-0-43 **REMARKS** SAMPLED BY CLIENT



WHOLE CORE ANALYSIS REPORT

VUGULAR DOLOMITE **VERTICAL FRACTURES**

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom and for whose exclusive and confidential use this report is made. The interpretations or opinions expressed represent the best judgment of Oilfield Research, Inc. (all errors and omissions excepted) but Oilfield Research, Inc. and its officers and employees, assume no responsibility and make no warranty or representation as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or used in connection with which such report is used or relied upon.

PERMEABILITY (Max.) MILLIDARCYs ← **TOTAL WATER PERCENT PORE SPACE** ←
 600 500 400 300 200 100 0

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY		POROSITY %	RESIDUAL LIQUID SATURATION % PORE SPACE		POROSITY X---X						OIL SATURATION X-->					
		HORIZONTAL MAX.	VERTICAL 90°		OIL	TOTAL WATER	25	20	15	10	5	0	86.5	25	50	75	100	
1	865.0-661.0	0.35	0.18	<0.10	<2.0	0.0	95.1											
2	866.0-674.0	118.8	2.3	<0.10	2.3	0.0	90.6											
3	867.0-681.0	<0.10	<0.10	<0.10	<2.0	0.0	87.3											
4	868.0-694.0	13.8	7.2	1.9	7.9	0.0	78.1											
5	869.0-701.0	57.2	41.0	9.9	5.6	0.0	73.7											
6	870.0-716.0	*42.27	*1.8	11.0	0.0	0.0	50.0											
7	871.0-722.0	*51.7	3.7	0.62	5.4	0.0	79.2											
8	872.0-73.0	249.	135.3	*13.0	10.6	0.0	61.8											
9	873.0-74.0	7.3	5.7	0.70	7.9	0.0	65.4											
10	874.0-75.0	86.	35.3	*0.28	10.5	0.0	45.7											
11	875.0-76.0	*104.2	*8.6	12.2	0.0	0.0	54.0											
12	876.0-77.0	*409.10	*6.3	9.6	0.0	0.0	70.0											
13	877.0-78.0	*10.17	18.	*0.10	8.9	0.0	76.4											
14	878.0-79.0	Not Recovered	0.15	4.7	0.0	0.0	77.6											
15	879.0-80.0	Not Recovered	0.10	5.2	0.0	0.0	71.5											
16	880.0-816.0	Not Recovered	0.10	5.2	0.0	0.0	70.5											
17	881.0-82.0	Not Recovered	0.10	5.2	0.0	0.0	70.5											
18	882.0-83.0	Not Recovered	1.2	10.2	0.0	0.0	51.3											
19	883.0-84.0	Not Recovered	0.61	5.2	0.0	0.0	95.7											
20	884.0-85.0	Not Recovered	0.18	6.2	0.0	0.0	43.8											
21	885.0-86.0	Not Recovered	0.10	5.2	0.0	0.0	70.5											
22	886.0-87.0	Not Recovered	0.10	5.2	0.0	0.0	70.5											
23	887.0-88.0	Not Recovered	0.10	5.2	0.0	0.0	70.5											
24	888.0-89.0	Not Recovered	0.10	5.2	0.0	0.0	70.5											
25	889.0-90.0	Not Recovered	0.10	7.2	0.0	0.0	96.8											
26	890.0-91.0	Not Recovered	*0.16	9.6	0.0	0.0	196.4											
27	946.0-47.0	Not Recovered																
28	947.0-48.0	Not Recovered																
29	948.0-49.0	Not Recovered																
30	949.0-50.0	Not Recovered																

*Broken Sample - conventional plug analysis.

CORE SUMMARY

FORMATION	DEPTH, FEET	FEET CORE ANALYZED	AVERAGE PERMEABILITY			AVERAGE POROSITY %	AVERAGE LIQUID SATURATION, %	
			HORIZONTAL MAX.	90°	VERTICAL		OIL	WATER
LEGO DOLO.	868.0 - 878.0	10.0'	97.	78.	4.3	9.0	0.0	62.2

OPERATOR: CITY OF ELIZABETHTOWN
 FARM KENNETH WIMP
 WELL NO. 3
 ELEV. 750.7
 COUNTY HARDIN
 STATE KENTUCKY
 DATE: JUNE 28, 1996
 SCALE 1" = 300'
 USGS QUADRANGLE: CECILIA

0113964001


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JUL 2 1996

DEPT. OF MINES AND MINERALS
 DIVISION OF OIL AND GAS

DIV. OF OIL & GAS
 FORMATION: SILURIAN
 DEPTH: 1500
 PURPOSE: GS
 INJ. RES.: X YES NO
 SAMPLES: No 31

I HEREBY CERTIFY THAT THE ABOVE PLAT IS ACCURATE AND SATISFIES THE REQUIREMENTS OF 805 KAR 1:030 TO THE BEST OF MY KNOWLEDGE AND BELIEF.

R.A. Amato 6-29-96

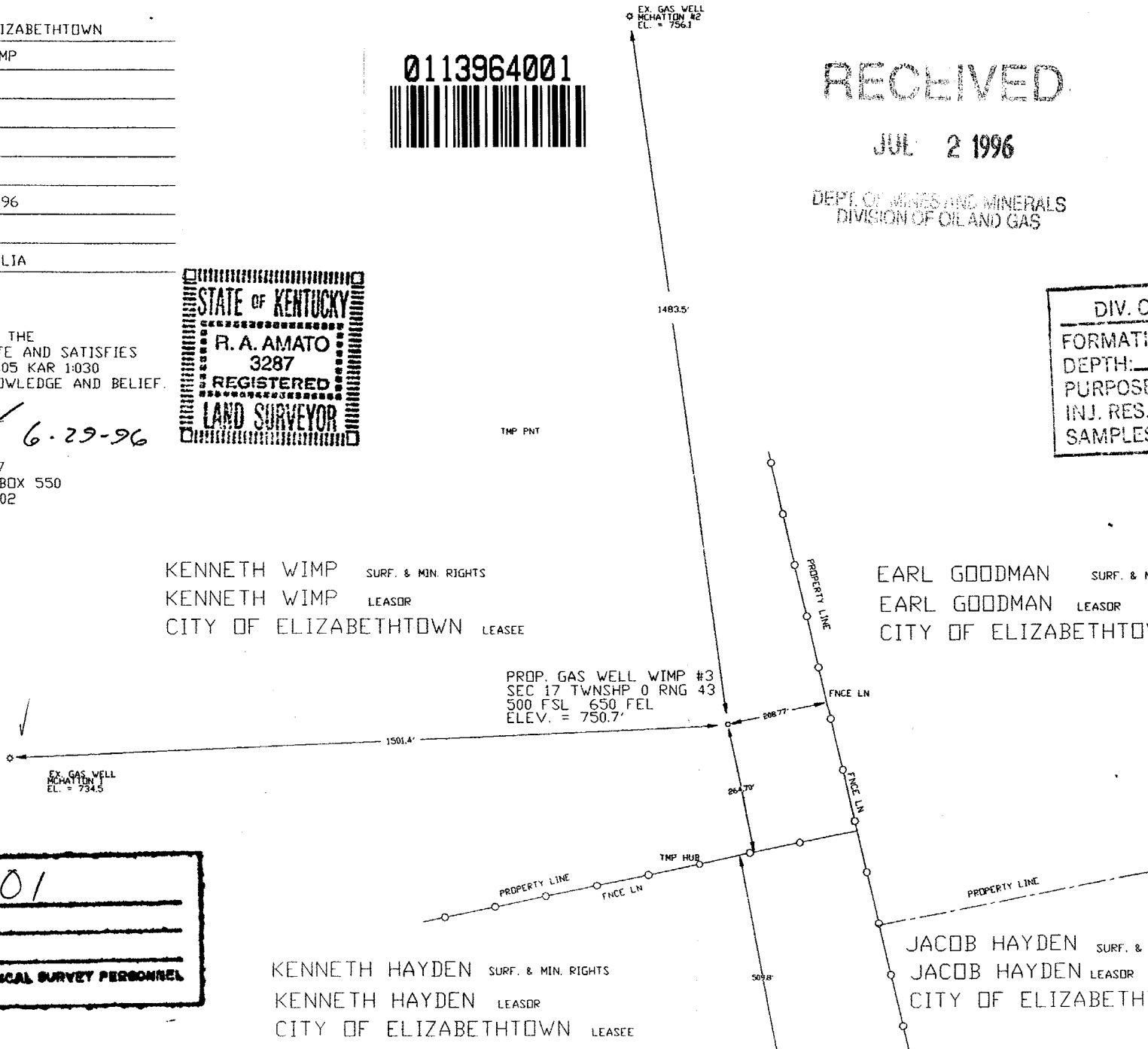
R. A. AMATO, PLS # 3287
 200 W. DIXIE AVE. PO BOX 550
 ELIZABETHTOWN, KY 42702
 PHONE: 502-765-6121

STATE OF KENTUCKY
 R. A. AMATO
 3287
 REGISTERED
 LAND SURVEYOR

KENNETH WIMP SURF. & MIN. RIGHTS
 KENNETH WIMP LEASOR
 CITY OF ELIZABETHTOWN LEASEE

EARL GOODMAN SURF. & MIN. RIGHTS
 EARL GOODMAN LEASOR
 CITY OF ELIZABETHTOWN LEASEE

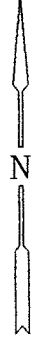
PROP. GAS WELL WIMP #3
 SEC 17 TOWNSHIP 0 RANG 43
 500 FSL 650 FEL
 ELEV. = 750.7'



KENNETH HAYDEN SURF. & MIN. RIGHTS
 KENNETH HAYDEN LEASOR
 CITY OF ELIZABETHTOWN LEASEE

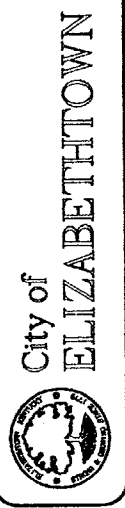
JACOB HAYDEN SURF. & MIN. RIGHTS
 JACOB HAYDEN LEASOR
 CITY OF ELIZABETHTOWN LEASEE

PERMIT NO. 87901
 LOCATION _____
 ELEVATION _____
 ADDED BY KENTUCKY GEOLOGICAL SURVEY PERSONNEL



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 JUL 9 1996

DEPT. OF MINES AND MINERALS
 DIVISION OF OIL AND GAS

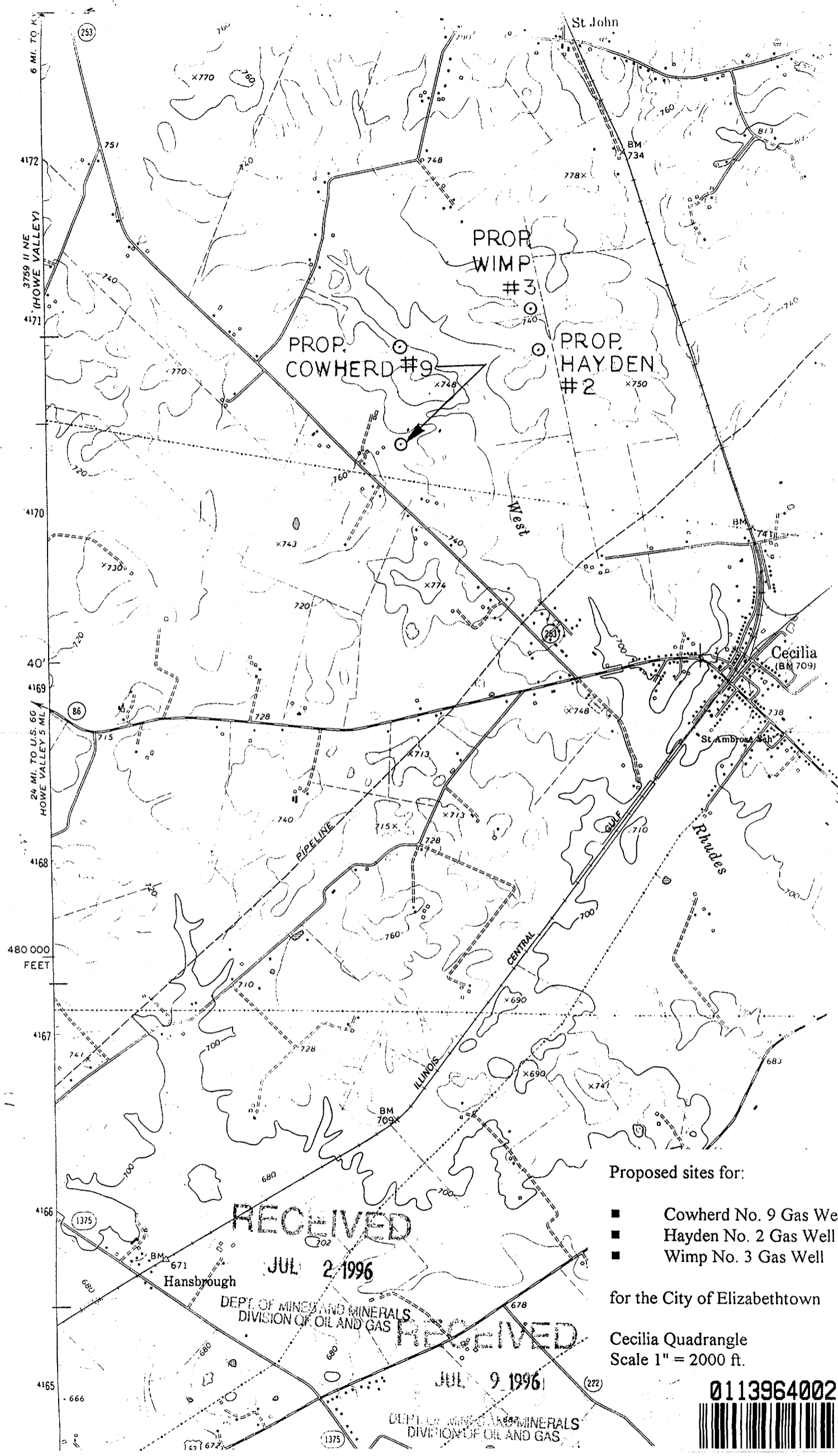


PROPOSED GAS WELL
 KENNETH WIMP #3
 STORAGE FIELD
 CECILIA, KY

SCALE: 1" = 300'
 DATE: _____
 PROJECT/TASK NO.: _____
 DRAWN: _____
 CHECKED: _____
 APPROVED BY: _____

DRAWING:
 1
 OF 1

Field observations and other mapping prepared by Photo Science, Inc. of Lexington, KY. Aerial photography from March 27, 1991. Horizontal control based on North American datum of 1983. Vertical control based on National Geodetic datum of 1929. The City of Elizabethtown accepts no liability for the accuracy of this document.



- Proposed sites for:
- Cowherd No. 9 Gas Well
 - Hayden No. 2 Gas Well
 - Wimp No. 3 Gas Well

for the City of Elizabethtown

Cecilia Quadrangle
Scale 1" = 2000 ft.

RECEIVED

JUL 2 1996

DEPT. OF MINES AND MINERALS
DIVISION OF OIL AND GAS

RECEIVED

JUL 9 1996

DEPT. OF MINES AND MINERALS
DIVISION OF OIL AND GAS

0113964002



0113964003



**AFFIDAVIT OF WELL LOG
AND COMPLETION REPORT
AS REQUIRED BY LAW**

PHONE: 606-264-0367

502-765-6121 (221)
(224)

TYPE OR PRINT

OPERATOR'S PHONE:

WELL IDENTIFICATION

Permit No. 87901

Operator City of Elizabethtown

Farm Name Kenneth Wimp Well No. 3

TYPE OF COMPLETION (Check One)

Dry Hole Domestic Gas

Oil

Gas
(Shut-In or Producing)

ENHANCED RECOVERY: SERVICE WELL:

Water Injection Water Supply

Gas Injection Salt Water Disposal

GAS STORAGE: Observation

Injection-Extraction Other

Other Describe _____

TYPE OPERATION LOCATION

Twin County Hardin

Re-open

New Well Sec. 17, Letter 0, Number 43

Workover

Deepening 0500 FSL 0650 FEL FSL

ELEVATION 750.7 (ground) 756.7 (D.F.) (K.B.)

OPERATIONAL DATES

Commenced 7/27/96 Completed 8/19/96

Placed in Operation Will be in 1997

Plugged Shut In August 20, 1996

WELL TREATMENT

Type of Frac. SHOT

Type Shot _____

Shot Interval _____

Shot Amount _____

DRILLING CONTRACTOR

Name Har-Ken Oil Company

Address P.O. Box 21626
Owensboro, KY 42304

COMPLETION INTERVAL PERFORATIONS OR OPEN HOLE INTERVAL

Formation Lego Dolomite Interval 886-93 perforations

Formation _____ Interval _____

WATER ENCOUNTERED

(Fresh, salt, sulfur)

Type	From	To

Comments Mud Rotary

TREATMENT

Type Treatment 15% HCl with intensifier

Acid Amount 23.81 BBls. 2nd Stage BBls.

Total Fluid 23.81 BBls. 2nd Stage BBls.

Total Nitrogen _____ SCF

Total Sand _____ lbs.

ADDITIONAL CEMENTING

Squeeze Cement _____ Sks. _____ Top Interval

Plug Back _____ Sks. _____ Top Interval

GEOPHYSICAL LOGS RUN (As required by KRS 363.650(2))

(Electrical, induction, sonic, gamma ray, neutron, density, etc.)

Type	From	To
Ind, SP, JL, GR	495	1030
Density-Neutron	495	1019
BHC-Sonic-GR	495	1032
GR-N	0	990
Cement Bond	0	986

INITIAL TEST VOLUMES

Oil: Natural B/D _____ Date

After Treatment B/D _____ Date

Gas: Natural Not Tested MCF _____ Date

Against Backpressure of _____ PSI

Shut-In Pressure after _____ hours

After Treatment MCF _____ Date

Against Backpressure of _____ PSI

Shut-In Pressure after _____ hours

TOTAL DEPTH DRILLED 1036D, 1038L (As required by KRS 363.670)

CASING DATA

Casing Outside Diameter	Hole Diameter	Depth	Cement No. Sks.	Pulled Yes/No
* 8 5/8	13 1/2	494.66	400	NO
** 4 1/2	7 7/8	1032	190	NO

Cement yield in cubic feet/sack = *1.18 **1.59

Comments _____

LIST DST'S, CORES, FILL-UP TESTS AND OTHER SPECIALIZED TESTS

Formation Name	Interval
New Albany Shale	805-35, rec. 29.5 ft.
Lego Dolomite	892-911 full recovery
Laurel Dolomite	938-44 red. 16.3 ft...

This form must be completed and filed for every permit immediately after completion of the well. Re-opened wells need not include a Driller's Log, however, the front side of this form must be completed. Incomplete forms will be rejected.

Revised 3-90 ALL PREVIOUS FORMS ARE OBSOLETE

FGM IED-3

OVER

FORMATION RECORD

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	46	Soil & clay			
46	686	Limestone			
686	765	Shale, gray			
765	842	Shale, black			
842	854	Limestone			
854	922	Dolomite			
922	928	Shale, gray			
928	1036	Dolomite			

0113964004



RECORDED

OCT 31 1996

DEPT. OF MINES AND MINERALS
DIVISION OF OIL AND GAS

AFFIDAVIT

City of Elizabethtown _____, operator of the well captioned as
 Permit Number 87901 does hereby swear that the depth of the well
 is accurate and correct and does not exceed the permitted depth of 1500.
 Signature of Operator S. Patrick Ritchie Superintendent, Gas Department 10/30/96
 Sworn to and subscribed before me this 30th day of October, 1996
 My Commission Expires: 11/4/97
Wanda W. Young
 Notary Public



OILFIELD RESEARCH, INC.

R113964

COMPANY CITY OF ELIZABETHTOWN **ELEVATION** 756' KB **FILE NO.** 96-8-23
LEASE KENNETH WIMP **WELL** 3 **FORMATION** LEGO DOLO **DATE CORED** 8/1/96
FIELD CECILIA GAS STORAGE **DRLG. FLUID** FRESH WATER **DATE REPORT** 8/6/96
COUNTY HARDIN **STATE** KY. **TYPE OF CORE** DIAMOND **PERMIT NO.**
LOCATION 500' ESL 650' FEL 17-0-43 **REMARKS** SAMPLED BY CLIENT

WHOLE CORE ANALYSIS REPORT

VUGULAR AN DOLOMITE
 VERTICAL FRACTURES

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom and for whose exclusive and confidential use this report is made. The interpreter, his or her opinions expressed represent the best judgment of Oilfield Research, Inc. (all errors and omissions accepted) but Oilfield Research, Inc. and its officers and employees, assume no responsibility and make no warranty or representation as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or land in connection with which such report is used or relied upon.

PERMEABILITY (Max.) MILLIDARCYS ← 300 250 200 150 100 50 0
TOTAL WATER ← PERCENT PORE SPACE 100 75 50 25 0
POROSITY x---x PERCENT 25 20 15 10 5 0
OIL SATURATION x---x PERCENT PORE SPACE 0 25 50 75 100

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY		POROSITY %	RESIDUAL LIQUID SATURATION % PORE SPACE		POROSITY x---x PERCENT					OIL SATURATION x---x PERCENT PORE SPACE							
		HORIZONTAL MAX.	90°		VERTICAL	OIL	TOTAL WATER	25	20	15	10	5	0	0	25	50	75	100	
1	892.0-93.0	775.	175.	21.	14.4	0.0	41.5												
2	893.0-94.0	286.	492.	24.	17.9	0.0	81.3												
3	894.0-95.0	632.	1061.	53.	19.9	0.0	74.3												
4	895.0-96.0	275.	245.	20.	18.7	0.0	79.4												
5	896.0-97.0	177.	133.	29.	14.8	0.0	63.3												
6	897.0-98.0	255.	171.	63.	21.4	0.0	61.4												
7	898.0-99.0	31.	20.	8.	12.3	0.0	60.0												
8	899.0-00.0	188.	171.	15.	17.2	0.0	88.5												
9	900.0-01.0	167.	161.	26.	15.1	0.0	70.0												
10	901.0-02.0	35.	33.	4.	14.8	0.0	70.6												
11	902.0-03.0	61.	14.	0.	11.9	0.0	93.3												
12	903.0-04.0	65.	49.	1.	12.1	0.0	85.1												
13	904.0-05.0	*0.63		*0.24	10.1	0.0	76.8												
14	905.0-06.0	76.	69.	1.	9.5	0.0	91.1												
15	906.0-07.0	9.	7.	<0.10	7.7	0.0	93.1												
16	907.0-08.0	0.22	0.48	<0.10	2.2	0.0	65.5												
17	908.0-09.0	<0.10	<0.10	<0.10	<2.0	0.0	93.5												
	909.0-10.0	Not Analyzed																	
	910.0-11.0	Not Analyzed																	

* - Broken sample - conventional plug analysis.
VF - Vertical Fracture

CORE SUMMARY

FORMATION	DEPTH, FEET	FEET CORE ANALYZED	AVERAGE PERMEABILITY			AVERAGE POROSITY %	AVERAGE LIQUID SATURATION, %	
			HORIZONTAL MAX.	90°	VERTICAL		OIL	WATER
LEGO DOLO	892.0-906.0	14.0	216.	151.	19.	15.0	0.0	73.9

Kentucky Geological Survey



#0113964013*

RECEIVED

JUL 2 1996

DEPT. OF MINES AND MINERALS
DIVISION OF OIL AND GAS

0113965001

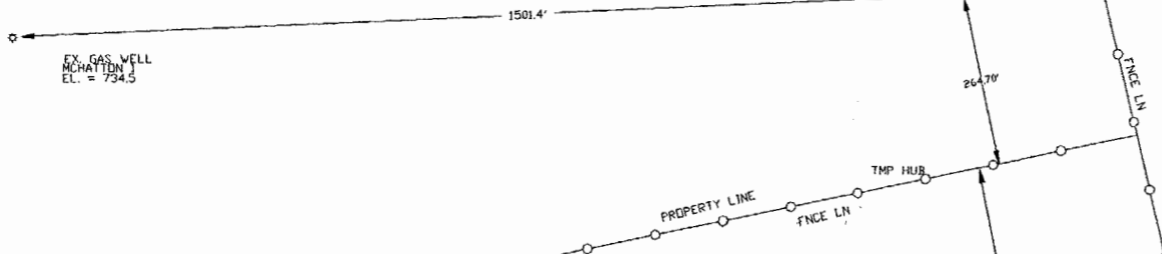

TMP PNT

KENNETH WIMP SURF. & MIN. RIGHTS
KENNETH WIMP LEASOR
CITY OF ELIZABETHTOWN LEASEE

PERMIT NO. 87902
LOCATION _____
ELEVATION _____
ADDED BY KENTUCKY GEOLOGICAL SURVEY PERSONNEL

EARL GOODMAN SURF. & MIN. RIGHTS
EARL GOODMAN LEASOR
CITY OF ELIZABETHTOWN LEASEE

PROP. GAS WELL WIMP #3
SEC 17 TOWNSHIP 0 RING 43
500 FSL 650 FEL
ELEV. = 750.7'



KENNETH HAYDEN SURF. & MIN. RIGHTS
KENNETH HAYDEN LEASOR
CITY OF ELIZABETHTOWN LEASEE

JACOB HAYDEN SURF. & MIN. RIGHTS
JACOB HAYDEN LEASOR
CITY OF ELIZABETHTOWN LEASEE

PROP. GAS WELL HAYDEN #2
SEC 24 TOWNSHIP 0 RING 43
281 FNL 525 FEL
ELEV. = 733.5'

OPERATOR: CITY OF ELIZABETHTOWN
FARM KENNETH HAYDEN
WELL NO. 2
ELEV. 733.5
COUNTY HARDIN
STATE KENTUCKY
DATE: JUNE 28, 1996
SCALE 1" = 300'
USGS QUADRANGLE: CECILIA

I HEREBY CERTIFY THAT THE
ABOVE PLAT IS ACCURATE AND SATISFIES
THE REQUIREMENTS OF 805 KAR 1:030
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

R.A. Amato 6-29-96

R. A. AMATO, PLS # 3287
200 W. DIXIE AVE. PO BOX 550
ELIZABETHTOWN, KY 42702
PHONE: 502-765-6121

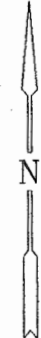
STATE OF KENTUCKY
R. A. AMATO
3287
REGISTERED
LAND SURVEYOR


DIV. OF OIL & GAS
FORMATION: SILURIAN
DEPTH: 1500
PURPOSE: GS
INJ. RES. YES ~~NO~~
SAMPLES: 70 30

RECEIVED

JUL 9 1996

DEPT. OF MINES AND MINERALS
DIVISION OF OIL AND GAS

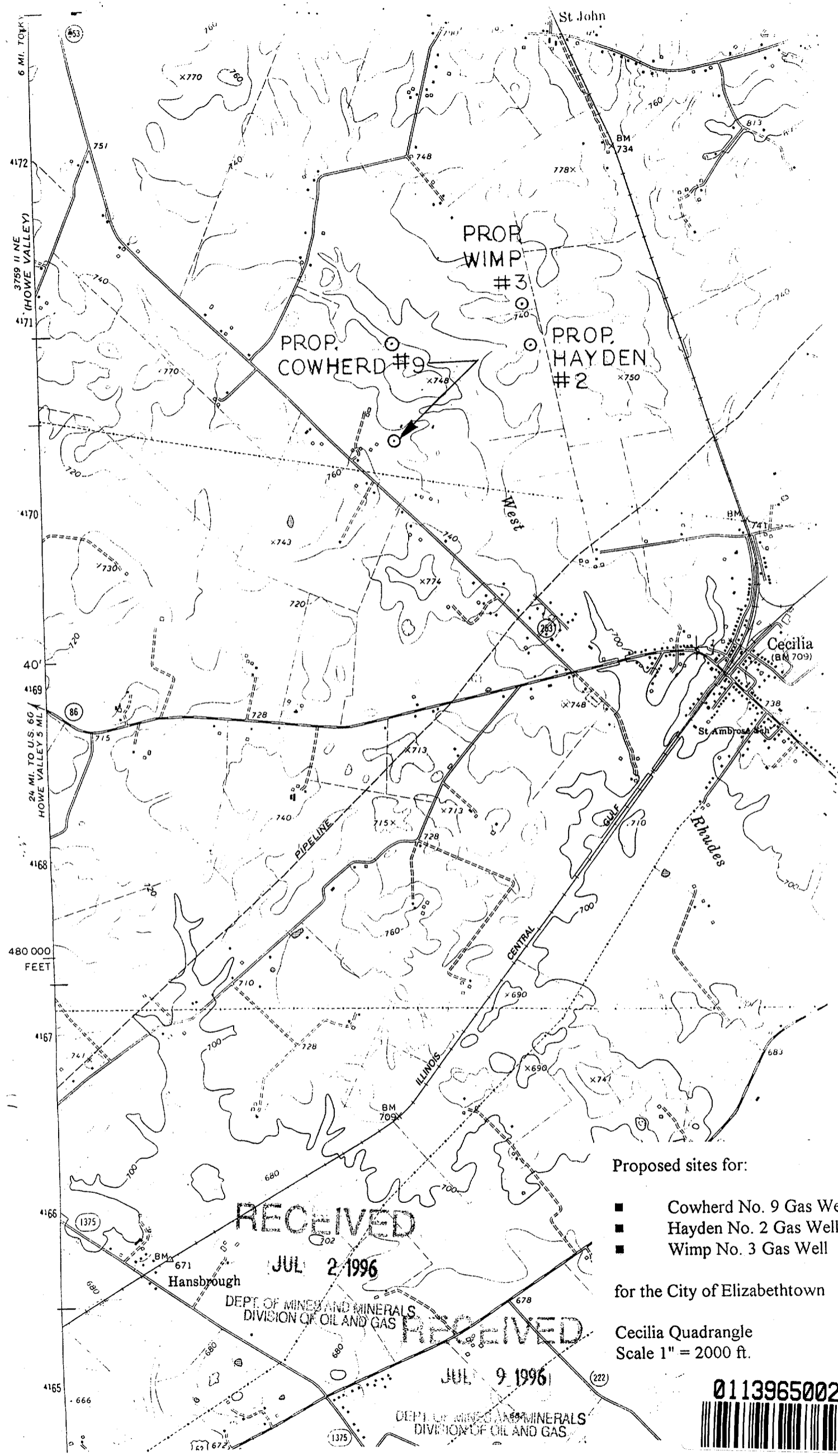


City of
ELIZABETHTOWN


PROPOSED GAS WELL
KENNETH HAYDEN 2
STORAGE FIELD
CECILIA, KY

SCALE: 1" = 300'
DATE: _____
PROJECT/TASK NO.: _____
DRAWN: _____
CHECKED: _____
APPROVED BY: _____
DRAWING: 1
OF 1

Actual photography and digital imaging processed by Photo Science, Inc. of Lexington, KY. Actual photography from March 27, 1991. Horizontal control based on North American datum of 1983. Vertical control based on National Geodetic datum of 1987. The City of Elizabethtown accepts no liability for the accuracy of this document.



6 MI. TO KY
 3759 II NE
 (HOWE VALLEY)
 4172
 4171
 4170
 40'
 4169
 24 MI. TO U.S. 66
 HOWE VALLEY 5 MI.
 4168
 480 000
 FEET
 4167
 4166
 4165

RECEIVED

JUL 2 1996

DEPT. OF MINES AND MINERALS
 DIVISION OF OIL AND GAS

RECEIVED

JUL 9 1996

DEPT. OF MINES AND MINERALS
 DIVISION OF OIL AND GAS

Proposed sites for:

- Cowherd No. 9 Gas Well
- Hayden No. 2 Gas Well
- Wimp No. 3 Gas Well

for the City of Elizabethtown

Cecilia Quadrangle
 Scale 1" = 2000 ft.





**AFFIDAVIT OF WELL LOG
AND COMPLETION REPORT**

PHONE: 606-264-0367
502-765-6121 ²²¹(224)

TYPE OR PRINT

OPERATOR'S PHONE: _____

WELL IDENTIFICATION

Permit No. 87902

Operator City of Elizabethtown

Farm Name Kenneth Hayden Well No. 2

TYPE OF COMPLETION (Check One)

Dry Hole Domestic Gas

Oil

Gas (Shut-in or Producing)

ENHANCED RECOVERY: WATER INJECTION SERVICE WELL:

Gas Injection Salt Water Disposal

GAS STORAGE: OBSERVATION

Injection-Extraction Other

Other Describe _____

TYPE OPERATION LOCATION

Twln County Hardin

Re-open

New Well Sec. 24, Letter 0, Number 43

Workover

Deepening 0281 FNL 0525 FEL

ELEVATION 733.5 (ground) 739.5 (D.F.) (K.B.)

OPERATIONAL DATES

Commenced 8/3/96 Completed 8/14/96

Placed in Operation Will be 1997

Plugged Shut In 8/14/96

WELL TREATMENT

Type of Frac. SHOT

Type Shot _____

Shot Interval _____

Shot Amount _____

DRILLING CONTRACTOR

Name Har-Ken Oil Company

Address P.O. Box 21626
Owensboro, KY 42304

COMPLETION INTERVAL PERFORATIONS OR OPEN HOLE INTERVAL

Formation Lego Dolomite Interval 866-76 perforations

Formation _____ Interval _____

WATER ENCOUNTERED

Type	From	To

Comments Mud Rotary

TREATMENT

Type Treatment 15% HCl with intensifier

Acid Amount 47.62 BBls. 2nd Stage BBls.

Total Fluid 47.62 BBls. 2nd Stage BBls.

Total Nitrogen _____ SCF

Total Sand _____ lbs.

ADDITIONAL CEMENTING

Squeeze Cement _____ Sks. _____ Top

_____ Interval

Plug Back _____ Sks. _____ Top

_____ Interval

✓ GEOPHYSICAL LOGS RUN (As required by KRS 363.650(2))

(Electrical, induction, sonic, gamma ray, neutron, density, etc.)

Type	From	To
Ind, SP, MLGR	1034	492
Density-Neutron	1023	50
Cement Bond	986	0
GR Neutron	990	0

INITIAL TEST VOLUMES

Oil: Natural _____ B/D _____ Date _____

After Treatment _____ B/D _____ Date _____

Gas: Natural Not Tested MCF _____ Date _____

Against Backpressure of _____ PSI

Shut-in Pressure _____ after _____ hours

After Treatment _____ MCF _____ Date _____

Against Backpressure of _____ PSI

Shut-in Pressure _____ after _____ hours

TOTAL DEPTH DRILLED 1036D, 1042L (As required by KRS 363.670)

CASING DATA

Casing Outside Diameter	Hole Diameter	Depth	Cement No. Sks.	Pulled Yes/No
<u>8 5/8"</u>	<u>13 1/2"</u>	<u>489</u>	<u>400</u>	<u>NO</u>
<u>4 1/2"</u>	<u>7 7/8"</u>	<u>1034</u>	<u>250</u>	<u>NO</u>

Cement yield in cubic feet/sack = *1.18 **1.31

Comments _____

LIST DST'S, CORES, FILL-UP TESTS AND OTHER SPECIALIZED TESTS

Formation Name _____ Interval _____

No cores or tests.

OCT 31 1996

DEPT. OF MINES AND MINERALS
DIVISION OF OIL AND GAS

This form must be completed and filed for every permit immediately after completion of the well. Re-opened wells need not include a Driller's Log, however, the front side of this form must be completed. Incomplete forms will be rejected.

Revised 3-90 ALL PREVIOUS FORMS ARE OBSOLETE

FCM JED-3

OVER

FORMATION RECORD

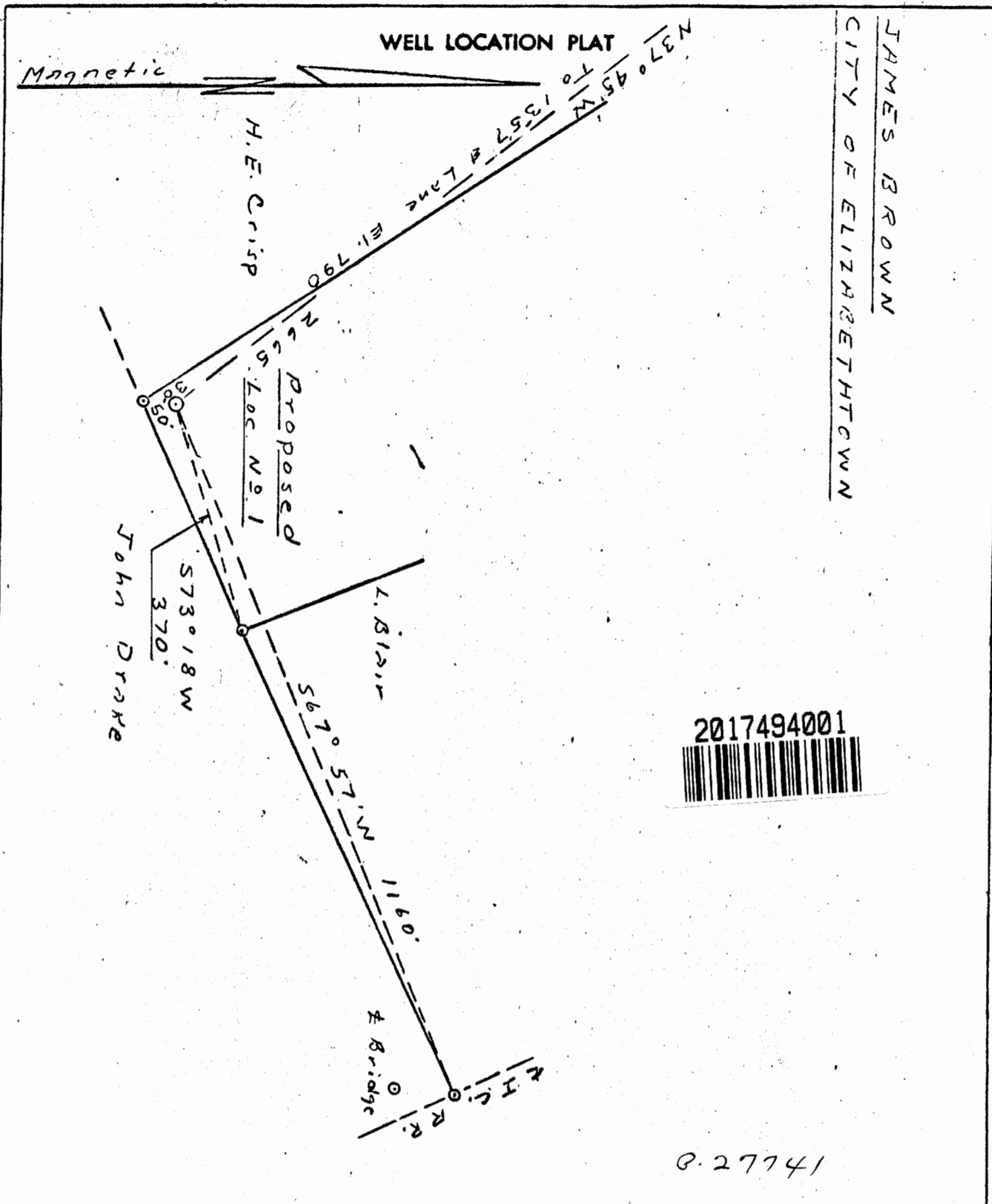
From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	40	Soil and Clay			
40	667	Limestone			
667	747	Shale, gray			
747	823	Shale, black			
823	834	Limestone			
834	902	Dolomite			
902	908	Shale			
908	1036	Dolomite			



RECEIVED
 OCT 31 1996
 DEPT. OF MINES AND MINERALS
 DIVISION OF OIL AND GAS

AFFIDAVIT

City of Elizabethtown, operator of the well captioned as
 Permit Number 87902 does hereby swear that the depth of the well
 is accurate and correct and does not exceed the permitted depth of 1500.
 Signature of Operator S. Patrick Ritchie Superintendent, Gas Dept. 10/30/96
 Sworn to and subscribed before me this 30th day of October, 19 96
 Commission Expires: 11/4/97
Wanda W. Young
 Notary Public



JAMES BROWN
 CITY OF ELIZABETHTOWN



P. 27741

TOPO Cecilia
 CARTER COORDINATE
 17-0-43 Scale 1"=2,000'

2465' FNL
 150' FEL

Operator City Of Elizabethtown
 Farm James Brown
 Well No. 1 Elevation 757 Gr. Transit
 County Hardin Kentucky
 Date March 6, 1974 Scale 1"=200'
 Surveyor: Aubrey Vanover
 1803 Freeman Ave., Owensboro, Kentucky 42301

I hereby certify that the above plat is correct to the best of my knowledge and belief.

Registered Surveyor No. 536

2017494002



COMMONWEALTH OF KENTUCKY

DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION

P. O. BOX 680
LEXINGTON, KY.

RECEIVED
MAY 3 1974

DEPT. OF MINES AND MINERALS
LEXINGTON, KENTUCKY

WELL LOG AND COMPLETION REPORT

Gas Storage
4/25/74

TO BE FILED IMMEDIATELY AFTER COMPLETION OF WELL

NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT.

WELL IDENTIFICATION Operator <u>City of Elizabethtown</u> Farm Name <u>James Brown</u> Well No. <u>(U.S.)</u>		Permit No. <u>27741</u> TYPE OF COMPLETION (CHECK ONE) Dry Hole <input type="checkbox"/> Shut-in or Producing? _____ Oil <input type="checkbox"/> _____ Gas <input type="checkbox"/> _____ Pressure Maintenance or Secondary Recovery: Water Injection <input type="checkbox"/> Gas Injection <input type="checkbox"/> Gas Storage: Injection-Extraction <input type="checkbox"/> Observation <input checked="" type="checkbox"/>																	
TYPE OPERATION (CHECK ONE) New Well <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Deepening <input type="checkbox"/>		LOCATION County <u>Hardin</u> Carter Coordinates <u>17</u> <u>0</u> <u>43</u> <small>(SECTION) (LETTER) (NUMBER)</small> Footage from Section Lines: <u>2465</u> from N line <u>150</u> from E line <small>QUAD.</small>																	
ELEVATION <u>757'</u> (ground) <u>758'</u> (D.F.) <small>(K.S.)</small>		INITIAL PRODUCTION Natural <u>None</u> Date _____ After Treatment <u>None</u> Date _____																	
TOTAL DEPTH Driller's Log <u>933</u> Geophysical Log <u>928</u>		COMPLETION INTERVAL Formation Name(s) <u>Lego Dolomite</u> Interval(s) <u>879-928 Open hole.</u>																	
OPERATIONAL DATES Date Commenced <u>3-18-74</u> Date Drilling Completed <u>4-25-74</u> Date Plugged (IF DRY HOLE) _____ Date Placed in Operation (IF PRODUCING, INJECTION, ETC.) <u>4-25-74</u>		WELL TREATMENT (CHECK APPLICABLE BOXES): None Shot _____ qts. _____ interval <input type="checkbox"/> <input type="checkbox"/> Shot _____ qts. _____ interval <input type="checkbox"/> <input type="checkbox"/> Acid _____ gals. _____ interval <input type="checkbox"/> <input type="checkbox"/> Acid _____ gals. _____ interval <input type="checkbox"/> <input type="checkbox"/> Fracture _____ gals. _____ interval <input type="checkbox"/> <input type="checkbox"/> Fracture _____ lbs/sand _____ interval <input type="checkbox"/> <input type="checkbox"/> Fracture _____ gals. _____ interval <input type="checkbox"/> <input type="checkbox"/> Fracture _____ lbs/sand _____ interval <input type="checkbox"/> <input type="checkbox"/>																	
DRILLING METHOD Cable Tools from <u>0</u> to <u>933'</u> Rotary conventional - from _____ to _____ <small>(DEPTHS)</small> <small>(DEPTHS)</small> Tools air - from _____ to _____		CASING RECORD <table border="1"> <thead> <tr> <th>SIZE</th> <th>DEPTH</th> <th>SKB CEMENT</th> <th>CSG PULLED</th> </tr> </thead> <tbody> <tr> <td>12"</td> <td>144'</td> <td></td> <td></td> </tr> <tr> <td>8 5/8"</td> <td>197'</td> <td>100 sx</td> <td></td> </tr> <tr> <td>5 1/2"</td> <td>887'</td> <td>200 sx</td> <td></td> </tr> </tbody> </table>		SIZE	DEPTH	SKB CEMENT	CSG PULLED	12"	144'			8 5/8"	197'	100 sx		5 1/2"	887'	200 sx	
SIZE	DEPTH	SKB CEMENT	CSG PULLED																
12"	144'																		
8 5/8"	197'	100 sx																	
5 1/2"	887'	200 sx																	
CONTRACTOR(S): <u>Butler Pipeline</u> <u>474 Roberts Avenue</u> Address: <u>Louisville, Kentucky 40214</u>		TYPE(S) OF GEOPHYSICAL LOGS RUN: (Electrical, induction, sonic, gamma ray, neutron, density, etc.) <u>Gamma Ray- Neutron</u>																	

OCCURRENCE OF OIL AND GAS

Interval (DEPTHS-TOP, BASE)	Formation	Remarks (SHOWS OF OIL AND/OR GAS, FILL-UP TESTS, DST'S, CORES, ETC.)
904 1/2 - 906	Lego	Slight show gas
906 - TD	Lego	Good show gas with saltwater

RECEIVED
MAY 8 - 1974

The above information is complete and correct.
Date 5-1-74

Signed English Jackson
Title Geologist

KENTUCKY GEOLOGICAL SURVEY

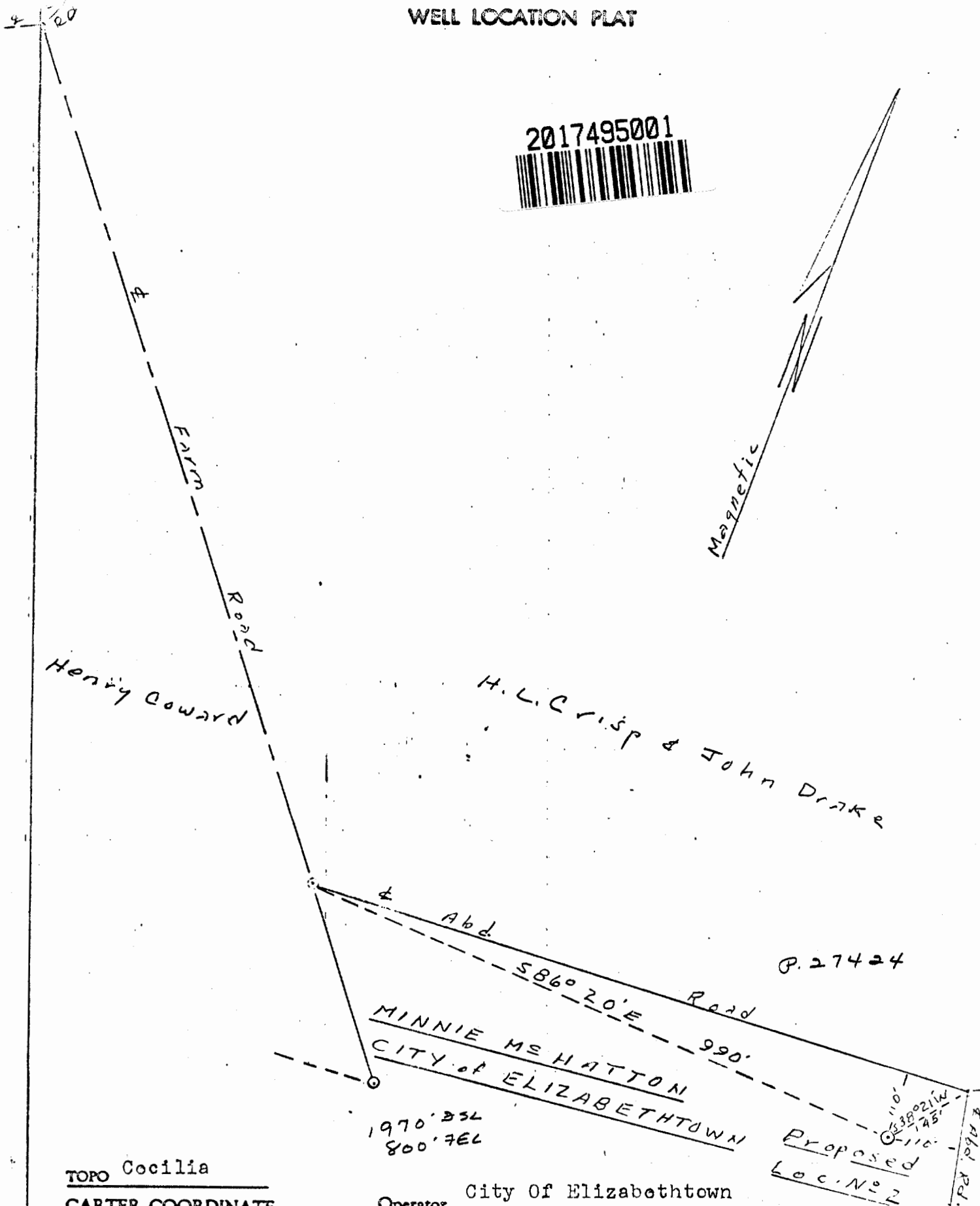
FORMATION RECORD

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	20	Clay			
20	144	Sand, Light to dark red loose, caving in			
144	150	Lime, Blue shaley			
150	407	Lime, Black			
407	437	Lime, Gray			
437	448	Lime, Black			
448	681	Lime, White			
681	693	Lime			
693	781	Blue Mud			
781	854	Shale, Black			
854	888	Lime, White			
888	904 ¹ / ₂	Lime, Brown, sandy			
904 ¹ / ₂	912	Lime & White sand Show of gas Saltwater at 906'			
912		Sand, White			
912	933	Total depth. No Samples			



WELL LOCATION PLAT

2017495001



TOPO Cocilia
CARTER COORDINATE
17-0-43
Scale 1"=2,000'

Operator City Of Elizabethtown
Farm Minnie McHatton
Well No. (2) Elevation (756) Gr. Transit
Hardin
Hardin Co.

Well No. 2 Elevation 756 Gr. Tr.
County Hardin Kentucky
Date October 25, 1973 Scale 1"-200'

Surveyor: Aubrey Vanover

1803 Freeman Ave., Owensboro, Kentucky 42301

1970' FSL
800' FSL

2017495002



Electric log enclosed

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF MINES AND MINERALS
 OIL AND GAS DIVISION
 P. O. BOX 680
 LEXINGTON, KY.

RECEIVED
 FEB 20 1974
 DEPT. OF MINES & MINERALS
 LEXINGTON, KENTUCKY

WELL LOG AND COMPLETION REPORT

Gas

TO BE FILED IMMEDIATELY AFTER COMPLETION OF WELL
 NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT.

WELL IDENTIFICATION Permit No. <u>27424</u> Operator <u>City of Elizabethtown</u> Farm Name <u>Minnie McHatton</u> Well No. <u>2</u>		TYPE OF COMPLETION (CHECK ONE) Dry Hole <input type="checkbox"/> Shut-in or Producing? _____ Oil <input type="checkbox"/> _____ Gas <input type="checkbox"/> _____ Pressure Maintenance or Secondary Recovery: Water Injection <input type="checkbox"/> Gas Injection <input type="checkbox"/> Gas Storage: Injection-Extraction <input type="checkbox"/> Observation <input checked="" type="checkbox"/>																												
TYPE OPERATION (CHECK ONE) New Well <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Deepening <input type="checkbox"/>		LOCATION County <u>Hardin</u> Carter Coordinates <u>17</u> <u>0</u> <u>43</u> <small>(SECTION) (LETTER) (NUMBER)</small> Footage from Section Lines: <u>1970</u> from <u>N</u> line <u>800</u> from <u>E</u> line <small>QUAD.</small>																												
ELEVATION <u>756'</u> (ground) <u>757'</u> (D.F./K.B.)		INITIAL PRODUCTION Natural <u>None</u> Date _____ After Treatment <u>None</u> Date _____																												
TOTAL DEPTH Driller's Log <u>903</u> Geophysical Log <u>904</u>		COMPLETION INTERVAL Formation Name(s) <u>Lego Dolomite</u> Interval(s) <u>890 - 904'</u> <u>Open hole</u>																												
OPERATIONAL DATES Date Commenced <u>12-11-73</u> Date Drilling Completed <u>1-23-74</u> Date Plugged _____ Date Placed in Operation <u>1-23-74</u> <small>(IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)</small>		WELL TREATMENT <u>None</u> (CHECK APPLICABLE BOXES): <table style="width:100%; border:none;"> <tr> <td style="width:70%;"></td> <td style="text-align:center;">IN OPEN HOLE</td> <td style="text-align:center;">THRU PERFORATION</td> </tr> <tr> <td>Shot _____ qts. _____ interval</td> <td style="text-align:center;"><input type="checkbox"/></td> <td style="text-align:center;"><input type="checkbox"/></td> </tr> <tr> <td>Shot _____ qts. _____ interval</td> <td style="text-align:center;"><input type="checkbox"/></td> <td style="text-align:center;"><input type="checkbox"/></td> </tr> <tr> <td>Acid _____ gals. _____ interval</td> <td style="text-align:center;"><input type="checkbox"/></td> <td style="text-align:center;"><input type="checkbox"/></td> </tr> <tr> <td>Acid _____ gals. _____ interval</td> <td style="text-align:center;"><input type="checkbox"/></td> <td style="text-align:center;"><input type="checkbox"/></td> </tr> <tr> <td>Fracture _____ gals. _____ interval</td> <td style="text-align:center;"><input type="checkbox"/></td> <td style="text-align:center;"><input type="checkbox"/></td> </tr> <tr> <td>_____ lbs/sand</td> <td style="text-align:center;"><input type="checkbox"/></td> <td style="text-align:center;"><input type="checkbox"/></td> </tr> <tr> <td>Fracture _____ gals. _____ interval</td> <td style="text-align:center;"><input type="checkbox"/></td> <td style="text-align:center;"><input type="checkbox"/></td> </tr> <tr> <td>_____ lbs/sand</td> <td style="text-align:center;"><input type="checkbox"/></td> <td style="text-align:center;"><input type="checkbox"/></td> </tr> </table>			IN OPEN HOLE	THRU PERFORATION	Shot _____ qts. _____ interval	<input type="checkbox"/>	<input type="checkbox"/>	Shot _____ qts. _____ interval	<input type="checkbox"/>	<input type="checkbox"/>	Acid _____ gals. _____ interval	<input type="checkbox"/>	<input type="checkbox"/>	Acid _____ gals. _____ interval	<input type="checkbox"/>	<input type="checkbox"/>	Fracture _____ gals. _____ interval	<input type="checkbox"/>	<input type="checkbox"/>	_____ lbs/sand	<input type="checkbox"/>	<input type="checkbox"/>	Fracture _____ gals. _____ interval	<input type="checkbox"/>	<input type="checkbox"/>	_____ lbs/sand	<input type="checkbox"/>	<input type="checkbox"/>
	IN OPEN HOLE	THRU PERFORATION																												
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OCCURRENCE OF OIL AND GAS

Interval (DEPTHS-TOP, BASE)	Formation	Remarks (SHOWS OF OIL AND/OR GAS, FILL-UP TESTS, DST'S, CORES, ETC.)
<u>890-895</u>	<u>Lego</u>	<u>Gas to surface. Saltwater at 895'</u>

RECEIVED
 FEB 22 1974
 KENTUCKY GEOLOGICAL SURVEY

The above information is complete and correct.
 Date February 18, 1974

Signed English Jackson
 Title Agent

FORMATION RECORD

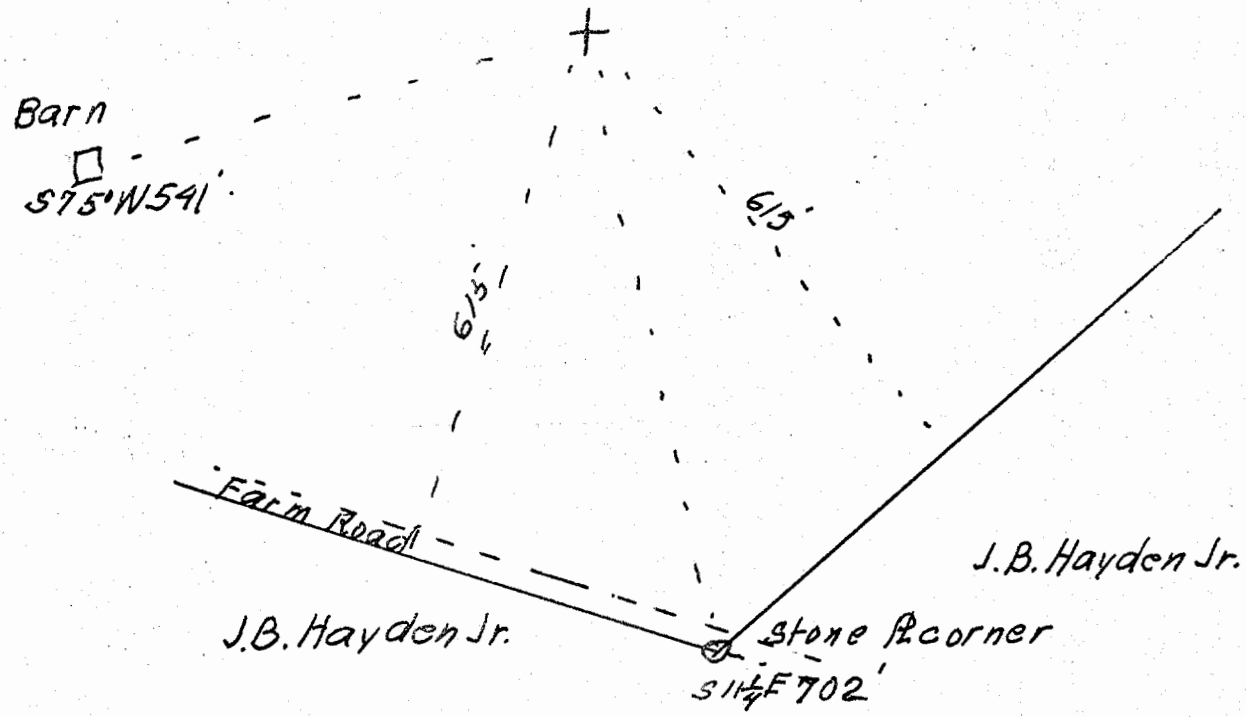
Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)			Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)		
From	To		From	To	
0	35	Clay, dirt			
35	40	Sand and boulders			
40	62	Mud and lime			
62	70	Crevice			
70	144	Lime Gray			
144	150	Blue mud and shale			
150	195	Lime, dark gray			
195	440	Lime, gray			
440	592	Lime, Light gray			
592	680	Lime, Gray and brown			
680	770	Blue Mud			
770	845	Shale, Black			
845	870	Lime, White Sandy			
870	877	Lime, Brown and gray			
877	890	Lime, Gray and brown			
890	895	Lime, Gray. Gas			
895	903	Lime, Gray. Saltwater			
	903	T.D.			



P. 17444

Joe Thomas Farm
W.C. Milby & Robert L. Adney Operator
Hardin Co. Cecilia Quadrangle
Well Location No. 1 21620 FSL x 16180 FWL
of Cecilia Quadrangle
Elevation 760.8' by transit from contour at house & barn

lin. = 200 fl.
Magnetic bearings
Horizontal distances



I hereby certify the above plot is accurate and correct
to the best of my knowledge and belief
July 21, 1966
Phillip W. C. Adney
Edmonton, Ky

375 FSL
1700 FWL

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION

19-0-43

P. O. Box 680
Lexington, Ky.

Permit No. 17444

Oil or Gas Well Temp. Abd.
(Kind)


375 FSL
1700 FWL

Company W. C. Milby & Robt. L. Abney
Address Greensburg, Kentucky
Farm Joe Thomas Acres.....
Location 19-0-43
Well No. 1 Elev. 760.8'
District..... County Hardin
Drilling Commenced July 11, 1966
Drilling Completed September 14, 1966
Name of Contractor Willmoth Jeffries
Address of Contractor Horse Cave, Kentucky
Date Shot..... From..... To.....
With.....
Open flow /10ths Water in..... Inch
/10ths Merc. in..... Inch

Casing and Used in Left In Tubing
Drilling Well

Size..... Kind of Packer
16.....
13.....
10 @ 69'..... Size of.....
8 1/4 @ 106'.....
6 3/4 @ 398.5'..... Depth Set.....
5 3/16.....
3..... Perf. top.....
2..... Perf. bottom.....
Liners Used.....
Perf. top.....
Perf. bottom.....

Casing Cemented..... Size..... No. Ft..... Date.....

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas & Coal or Water	Depth Found	Remarks
Sand	red & white		0	60	Water	2017496002 	
Sand	white		60	83			
Sand			83	87			
Rock & cavings			87	106			
Rock	brown	sandy	106	125			
Sand	white	hard	125	135			
Lime	white	sandy	135	148			
Mud Cave			148	153			
Lime	blue & black		153	230			
Lime	blue		230	265			
Lime	gray		265	322			
Lime	blue & gray		322	350			
Lime	black		350	365			
Lime	gray		365	411			
Lime	black		411	470			
Lime	gray		470	489	Salt Water & some Gas @ 480'		
Lime	brown		489	560			
Lime	gray		560	600			
Lime	dark gray		600	622			
Lime	gray	hard	622	685			
Lime	black		685	707			
Mud & Shale, blue			707	793			
Shale	black		793	858			
Cap Rock			858	862			
Corniferous Sand			862	874			
Lime	brown		874	924	Oil Show @ 915-920		
Sand	blue		924	954	Oil Show @ 924-942		
Mud	blue		954	958			
Dolomite		hard	958	972			
Lime	blue w/lt. gray		972	994			
Lime	gray	hard	994	999			
Shale & Mud			999	1018			
Yellow Cap			1018	1031			
Lime	brown & gray		1031	1035			
Shale & Mud, blue			1035	1041			
Lime	white		1041	1053			
Lime, gray & Shale			1053	1058 T.D.			

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DEC 8 1966

KENTUCKY GEOLOGICAL SURVEY

2017496003



Date December 2, 19 66

APPROVED..... Owner

By AB Milby
(Title)

WELL LOCATION PLAT

2017498001



MARTIN CASTILE

577°10W
248.00

PROPOSED WELL
LOCATION NO 1
ELEV-710.59

389.0

575.12
N24°30E

11-07W
453.4

DRIVE WAY

COUNTY ROAD

MARTIN CASTILE

TOWN LOTS
CECILIA KY

P. 17466

CARTER COORDINATE

0-43 Scale 1"=2000'

23-0-43

23

85°-58

1150'
2500'

85°-57

37240

Operator: BEAVER DAM COAL CO

Farm: MARTIN, CASTILE

Well No. 1 ONE Elevation 710.59

County HARDIN COUNTY Kentucky

Date: 7-14-1966 Scale 1"=100'

Engineer: H.C. MOONINGHAM

Address: GREENVILLE, KY



I hereby certify that the above plat is correct to the best of my knowledge and belief

H.C. Mooningham

Registered Engineer No. 3849

7-15-1966

2500' 3 SL
1150' 3 EL

open. Beav. Dam Coal

23-0-43

71.710.59

Martin Castillo No. 1

Martin County, Ky.

0	3	Soil
3	15	Sand, clay
15	28	Red clay
28	32	Lime, clay
32	34	Lime
34	38	Mud cave
38	52	Lime, clay
52	68	White clay, shells
68	73	Lime
73	86	White shale
86	102	Shelly lime
102	106	Gray lime
106	116	Broken lime, gravel, clay
116	130	Gray lime
130	143	Dark gray lime
143	150	Gray lime, shale
150	160	Lime
160	170	Blue shale
170	190	Lime
190	200	Dark lime
200	249	Gray lime
249	257	Dark gray lime
257	290	Dark lime
290	295	Shale
295	327	Dark gray lime
327	367	Dark gray shaley lime
367	385	Lime
385	400	Shale, shells
400	417	Dark gray lime
417	550	Light gray lime
550	658	Dark gray sandy lime
658	743	Gray shale, Muddy
743	812	Black shale
812	814	White lime
814	817	Dark gray lime
817	823	Light gray lime
823	856	Gray lime
856	860	Gray sandy lime
860	880	Gray water sand
880	898	Gray lime
898	905	Shaley lime
905	913	Gray lime
913	922	Down, gray lime
922	950	Blue, gray lime
	950	Total Depth.

Set 36'-10" Casing

Small amount water at 40 ft.

H. F. W. at 48 Feet.

Permit - 17466

Set 126'-8" Casing.

RECEIVED
SEP 19 1988
DEPT. OF MINES AND MINERALS
LEXINGTON, KENTUCKY

2017498002

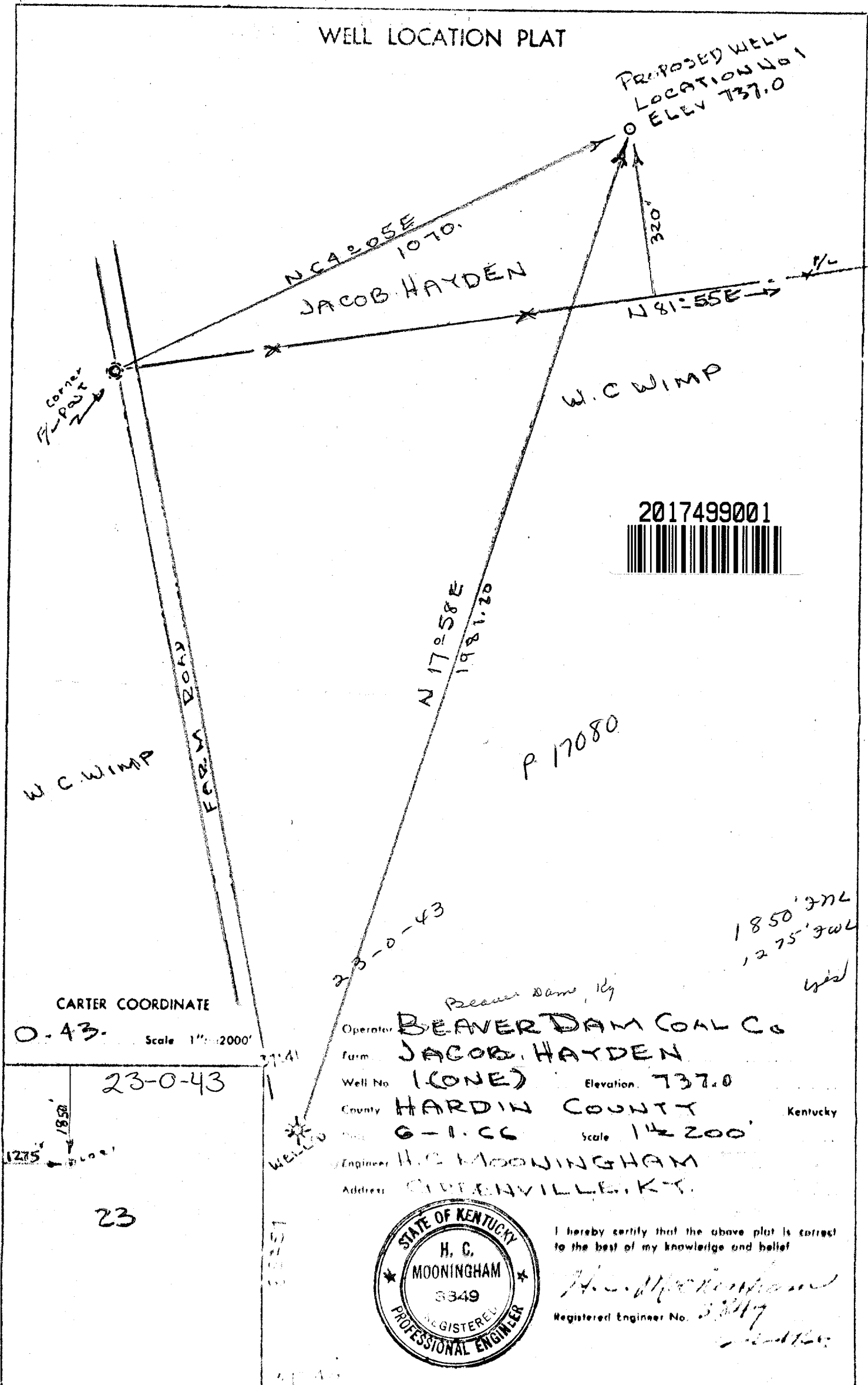


Set 817 Feet of 7" Casing.

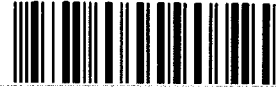
300 ft. Salt Water.

RECEIVED
OCT 4 1988
DEPT. OF MINES AND MINERALS

WELL LOCATION PLAT



2017499001



CARTER COORDINATE
0-43 Scale 1" = 2000'

Operator *Beaver Dam, Ky* BEAVER DAM COAL CO
 Farm JACOB HAYDEN
 Well No (ONE) Elevation 737.0
 County HARDIN COUNTY Kentucky
 No. G-I.C.C. Scale 1/4" = 200'
 Engineer H.C. MOONINGHAM
 Address GREENVILLE, KY.



I hereby certify that the above plat is correct to the best of my knowledge and belief

H. C. Mooningham
 Registered Engineer No. 3349

SEALS

SEALS

Log No. 17080.
Open- Beaver Dam Coal Company
Hardin Co.

1850' JNL
1275' SWL

El. 737

Jacob Hayden No. 1

0	2	Soil
2	15	Yellow clay
15	45	Red clay
45	65	Lime, clay
65	70	Green shale, clay
70	95	Mud cave, Boulders
95	125	Gray lime, shale streaks
125	144	Dark gray, white lime
144	279	Gray lime
279	338	Dark gray lime
338	356	Gray shale, dark lime
356	367	Hard dark lime
367	395	Gray shaley lime
395	439	Gray lime
439	470	Dark gray lime
470	490	Gray lime
490	527	Light gray lime
527	670	Dark gray sandy lime
670	735	Blue shale, shells
735	746	Gray, green shale
746	829	Black shale ✓
829	835	White lime
835	843	Gray lime
843	855	Blue, gray sandy lime
855	858	Dark gray sandy lime
858	862	Brown, gray lime
862	872	Gray lime
872	875	Dark gray sandy lime
875	877	Blue, gray sandy lime
877	900	Gray water sand
900	908	Gray lime
908	915	Gray shaley lime
915	928	Gray lime
928	930	Light gray flaky lime
930	963	Blue, gray lime
963	974	Gray shale, white mud
974	982	Yellow, gray lime
982	993	Gray lime
993	1000	Gray lime, shale
1000	1010	Green limey shale
1010	1030	Gray, white lime
1030	1055	Gray lime
1055	1071	Gray, green shaley lime
1071	1138	Gray shale, lime shells.
	1138	Total Depth

RECEIVED
JAN 22 1969

DEPT. OF MINES AND MINERALS
HARDIN COUNTY, KENTUCKY

Permit # 23-0-43
17080 Elev: 737.0

Set 95'-6" 8" Casing.
H.F.W. at 110 feet.
*S&W
Plugged*

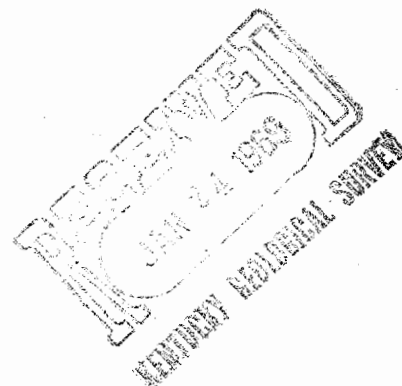
2017499002



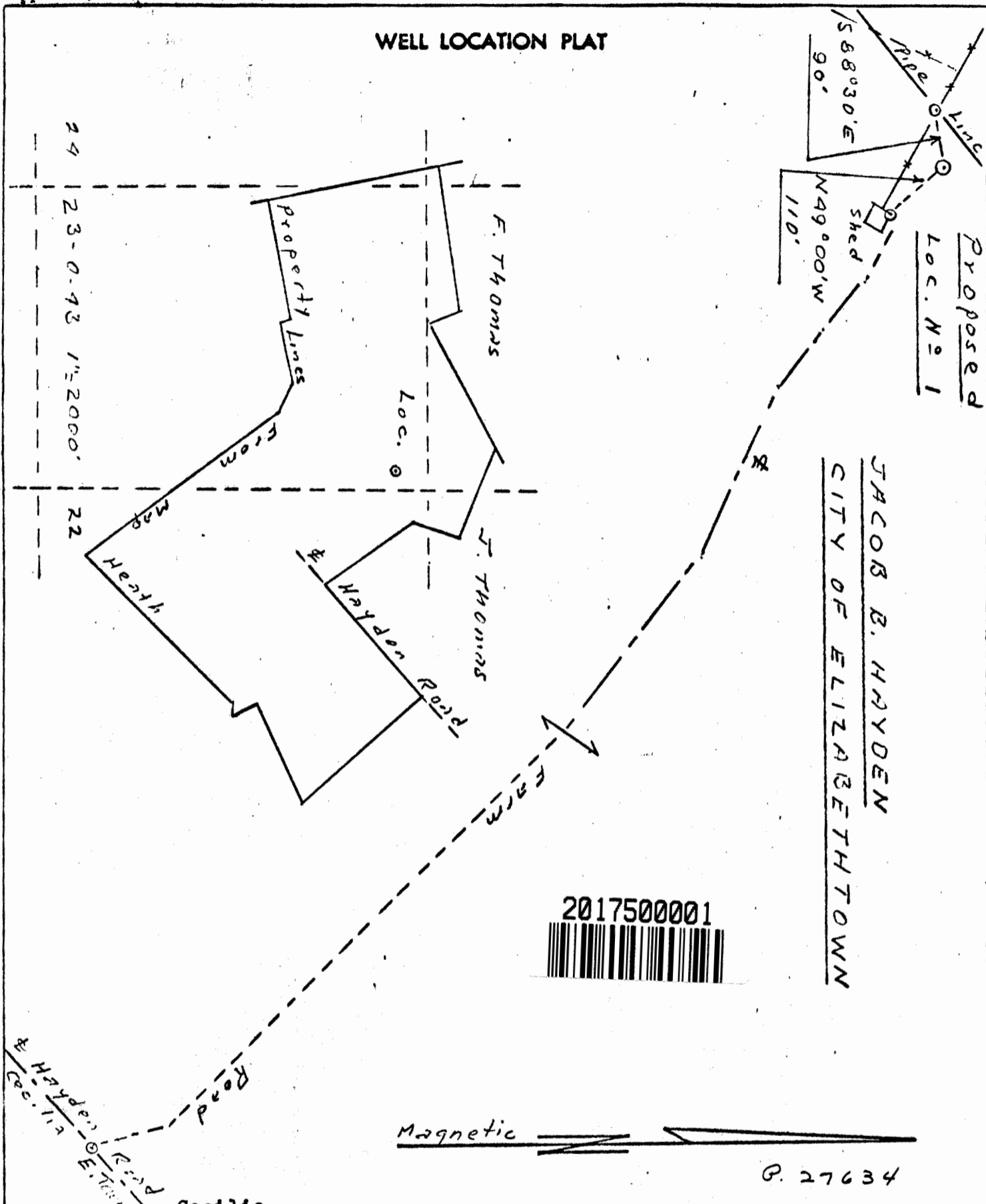
Set 832 feet 7" Casing.

small amount GAS
small amount Salt Water
H.F.W.
Reamed hole 832-900 ft.

Set 978'-7" Casing.



WELL LOCATION PLAT



TOPO Ceelia
 CARTER COORDINATE
 23-0-43 Scale 1"=2,000'

500' FNL
 300' FEL

Operator City of Elizabethtown
 Farm Jacob B. Hayden
 Well No. 1 Elevation 746 Gr. Transit
 County Hardin Kentucky
 Date January 24, 1974 Scale 1"=200'
 Surveyor: Aubrey Vanover
 1803 Freeman Ave., Owensboro, Kentucky 42301

I hereby certify that the above plat is correct to the best of my knowledge and belief.

[Signature]
 Reg. Eng. No. 1961

[Signature]
 Registered Surveyor No. 536

201750002



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION
P. O. BOX 680
LEXINGTON, KY.

RECEIVED
APR 1 1974
DEPT. OF MINES AND MINERALS
LEXINGTON, KENTUCKY

WELL LOG AND COMPLETION REPORT

Gas storage

TO BE FILED IMMEDIATELY AFTER COMPLETION OF WELL
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT.

WELL IDENTIFICATION Operator <u>City of Elizabethtown</u> Farm Name <u>Jacob B. Hayden</u> Well No. <u>1</u>		Permit No. <u>27634</u> TYPE OF COMPLETION (CHECK ONE) Dry Hole <input type="checkbox"/> Shut-in or Producing? _____ Oil <input type="checkbox"/> _____ Gas <input type="checkbox"/> _____ Pressure Maintenance or Secondary Recovery: Water Injection <input type="checkbox"/> Gas Injection <input type="checkbox"/> Gas Storage: Injection-Extraction <input type="checkbox"/> Observation <input checked="" type="checkbox"/>																									
TYPE OPERATION (CHECK ONE) New Well <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Deepening <input type="checkbox"/>		LOCATION County <u>Hardin</u> Corner Coordinates <u>23</u> <u>0</u> <u>43</u> <small>(SECTION) (LETTER) (NUMBER)</small> Footage from Section Lines: <u>500</u> from N line <u>300</u> from E line <small>S E</small>																									
ELEVATION <u>746'</u> (ground) <u>747'</u> (D.F.) <small>(K.S.#)</small>		INITIAL PRODUCTION Natural <u>None</u> Date _____ After Treatment <u>None</u> Date _____																									
TOTAL DEPTH Driller's Log <u>979'</u> Geophysical Log <u>976'</u>		COMPLETION INTERVAL Formation Name(s) <u>Lego Dolomite</u> Interval(s) <u>862 - 930</u> <u>Open hole</u>																									
OPERATIONAL DATES Date Commenced <u>1-31-74</u> Date Drilling Completed <u>3-13-74</u> Date Plugged _____ Date Placed in Operation <u>3-13-74</u> <small>(IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)</small>		WELL TREATMENT <u>None</u> (CHECK APPLICABLE BOXES): <table border="0"> <tr> <td>Shot _____ qts. _____ interval _____</td> <td>IN OPEN HOLE <input type="checkbox"/></td> <td>THRU PERFORATION <input type="checkbox"/></td> </tr> <tr> <td>Shot _____ qts. _____ interval _____</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Acid _____ gals. _____ interval _____</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Acid _____ gals. _____ interval _____</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Fracture _____ gals. _____ interval _____</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>_____ lbs/sand _____ interval _____</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Fracture _____ gals. _____ interval _____</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>_____ lbs/sand _____ interval _____</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		Shot _____ qts. _____ interval _____	IN OPEN HOLE <input type="checkbox"/>	THRU PERFORATION <input type="checkbox"/>	Shot _____ qts. _____ interval _____	<input type="checkbox"/>	<input type="checkbox"/>	Acid _____ gals. _____ interval _____	<input type="checkbox"/>	<input type="checkbox"/>	Acid _____ gals. _____ interval _____	<input type="checkbox"/>	<input type="checkbox"/>	Fracture _____ gals. _____ interval _____	<input type="checkbox"/>	<input type="checkbox"/>	_____ lbs/sand _____ interval _____	<input type="checkbox"/>	<input type="checkbox"/>	Fracture _____ gals. _____ interval _____	<input type="checkbox"/>	<input type="checkbox"/>	_____ lbs/sand _____ interval _____	<input type="checkbox"/>	<input type="checkbox"/>
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OCCURRENCE OF OIL AND GAS

Interval <small>(DEPTHS-TOP, BASE)</small>	Formation	Remarks <small>(SHOWS OF OIL AND/OR GAS, FILL-UP TESTS, DST'S, CORES, ETC.)</small>
<u>879-885</u>	<u>Lego</u>	<u>Show gas to surface. Saltwater at 885'</u>

RECEIVED
APR 5 1974

KENTUCKY GEOLOGICAL SURVEY

The above information is complete and correct.
Date 3-28-74

Signed English Jackson
English Jackson
Title Agent

FORMATION RECORD

Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)			Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)		
From	To		From	To	
0	31	Clay and dirt			
31	45	Lime			
45	53	Mud			
53	69	Lime			
69	85	Mud and Gravel			
85	133	Lime			
133	158	Lime, gray			
158	402	Lime			
402	431	Lime, dark gray			
431	498	Lime, light gray			
498	673	Lime, gray			
673	750	Blue Mud			
750	827	Shale, black			
827	836	Lime			
836	865	Lime, white and brown, sandy			
865	879	Lime, gray, sandy. Show Gas			
879	885	Lime, light gray, sandy. Saltwater 885'			
885	891	Sand, white			
891	908	Lime, white, sandy			
908	916	Lime			
916	927	Mud			
927	934	Lime, blue, sandy			
934	950	Lime, gray and brown, sandy			
950	967	Lime			
967	974	Sand, light gray			
974	979	Lime, blue, sandy			
		Total Depth			



apw - Beaver Dam Coal Co. C.W. Wimp
D-16530

23-0-43

Elevation 7.1734

Sam C.W. Wimp No.1

Hardin County, Ky.

717.34

2350.35L
600.7WL

0	2	Soil	
2	28	Clay	
28	30	Lime, clay	Set 34 feet of 10" casing.
30	52	Gray lime	Small amount water at 48'-50'
52	65	Light gray broken lime	
65	75	Gray lime	
75	78	Yellow clay, gravel	H.F.W.
78	90	Lime, clay	
90	115	Broken gray lime	
115	149	Gray lime (Solid)	
149	190	Gray lime, shale streaks	
190	216	Dark gray lime	
216	258	Gray lime	
258	284	Dark gray lime	
284	315	Gray lime	
315	325	Gray lime, shale	
325	370	Gray shaley lime	Set 330 feet of 8" casing.
370	386	Gray shale, lime shells	
386	450	Light gray lime	
450	460	Dark gray lime	
460	646	Dark gray sandy lime	
646	673	Blue shale (Mud)	
673	722	Blue, green muddy shale	
722	792	Black shale	
792	794	White lime, black shale	
794	843	Gray lime	
843	847	Gray Porous lime	Gas. Est. 1,000,000 Cu. Ft.
847	848	Blue sandy lime	Salt water
848	852	Blue sandy lime	Oil show
852	855	Blue sandy lime	Oil show Increases.

2017501001



Hallibarton mudded off GAS, Left 34'-10" casing

330'-8 5/8" casing

Mud and Pipe Left in hole

D&A by BDCC 12-30-66 Transferred to CW Wimp 2-15-67

Comp as _____ SIGW - on 2/15/67

RECEIVED

FEB 27 1967

KENTUCKY GEOLOGICAL SURVEY

RECEIVED
FEB 20 1967

DEPT. OF MINES AND METALS
LEXINGTON, KENTUCKY

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
DIVISION OF OIL AND GAS
P.O. Box 2244
FRANKFORT, KY 40601 PHONE (502) 573-0147



AFFIDAVIT TO TIME AND MANNER
OF PLUGGING AND FILLING WELL
AS REQUIRED BY LAW

2/2

Acc # 2017501

(TYPE OR PRINT IN INK)

CITY OF ELIZABETHTOWN, 200 West Dixie Avenue, Elizabethtown, KY 42702
NAME AND ADDRESS OF LAST OPERATOR

E-MAIL ADDRESS OF LAST OPERATOR
Beaver Dam Coal Company, Address Unknown

NAME AND ADDRESS OF ORIGINAL OPERATOR
NA

E-MAIL ADDRESS OF ORIGINAL OPERATOR
NA, No coal bearing strata

NAME AND ADDRESS OF COAL OPERATOR

E-MAIL ADDRESS OF COAL OPERATOR

PERMIT NO. ~~16350~~ 16530 ELEVATION 714.93 COUNTY Hardin TOTAL DEPTH 936

CARTER FNL FEL
COORDINATES 2350 FSL 600 FWL SEC 23 LETTER 0 NUMBER 43

FARM OWNER (LESSOR) C. W. Wimp WELL NUMBER 1

AFFIDAVIT TO BE MADE IN TRIPLICATE. ONE COPY TO BE MAILED TO THE DEPARTMENT OF MINES AND MINERALS. ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD TO BE MAILED BY REGISTERED MAIL TO EACH COAL OPERATOR NAMED AT THEIR RESPECTIVE ADDRESSES.

AFFIDAVIT

STATE OF KENTUCKY,
COUNTY OF Hardin) ss:

CITY OF ELIZABETHTOWN, OPERATOR OF THE ABOVE CAPTIONED WELL DOES
HEREBY SWEAR THAT THE PLUGGING OF SAID WELL WAS COMPLETED ACCORDING TO INSTRUCTIONS FROM THE OIL AND GAS INSPECTOR
AND ACCORDING TO CHAPTER 363 OF THE KENTUCKY REVISED STATUTES ON September 12, 2007, RECORD OF WHICH IS LISTED
BELOW OR SHOWN ON THE BACK OF THIS FORM. (PLUGGED DATE)

(PLUG DESCRIPTION)

PLUGGED: FROM 0 TO 837 WITH 120 sacks Class A Cement
PLUGGED: FROM TO WITH
PLUGGED: FROM Kentucky Geological Survey WITH
PLUGGED: FROM WITH
PLUGGED: FROM WITH
PLUGGED: FROM WITH
PLUGGED: FROM WITH
PLUGGED: FROM WITH



INDICATE BELOW THE SIZE AND INTERVAL OF ALL CASING LEFT IN THE WELL AND IF AND WHERE IT WAS SHOT OFF:
CASING SIZE 10.75" INTERVAL 5 to 40 SHOT OFF AT BOTTOM OF CASING AT 40
CASING SIZE 8.625 INTERVAL 5-330 SHOT OFF AT Cemented BOTTOM OF CASING AT 330
CASING SIZE 4.5 INTERVAL 5-936 SHOT OFF AT cemented BOTTOM OF CASING AT 936
IF CASING WAS NOT LEFT IN THE WELL, INDICATE THE BORE HOLE SIZE AND INTERVAL:
CASING SIZE INTERVAL
CASING SIZE INTERVAL

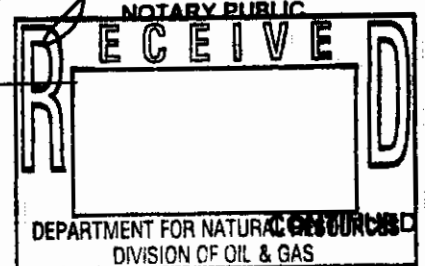
James K. Vincent, PG, PE: *James K. Vincent* Gas Storage Consultant
(OPTIONAL) SIGNATURE OF CONTRACTOR RESPONSIBLE FOR ABOVE PLUGGING TITLE

Donald W. Hill: *Donald W. Hill* Natural Gas Operations Manager
(REQUIRED) SIGNATURE OF OPERATOR RESPONSIBLE FOR ABOVE PLUGGING TITLE

SWORN TO AND SUBSCRIBED BEFORE ME THIS 21st DAY OF September 20 07

Shelley Cruise
NOTARY PUBLIC

MY COMMISSION EXPIRES: 4-22-08



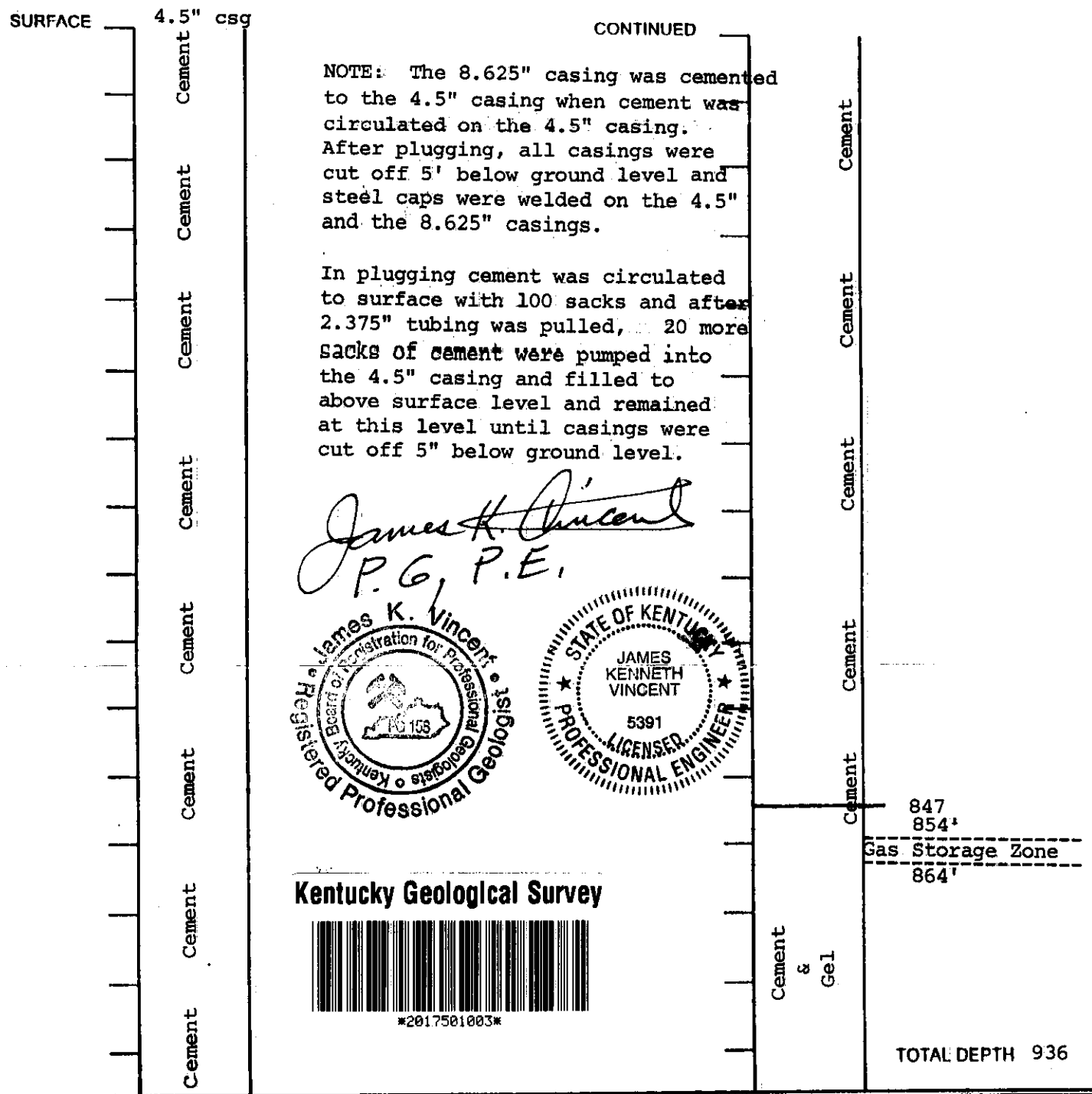
ALL BLANKS MUST BE COMPLETED. INCOMPLETE AFFIDAVITS WILL BE REJECTED.

CEMENT TABLE

HOLE SIZE	2"	3"	4"	5"	6 1/2"	8"	8 1/2"	8 3/4"	10"	12"	16"
NO. FT. FILLED PER SACK OF CEMENT*	45'	20'	11'	7'	4'	2 3/4'	2 1/2'	2 1/3'	2'	1'	1/2'

*1 CUBIC FOOT PER SACK

GRAPHICALLY SHOW BELOW THE LOCATION AND INTERVAL OF ALL PLUGS INSTALLED.



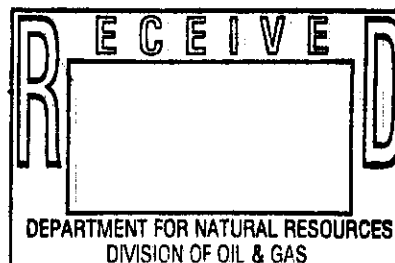
IF THE WELL IS TO BE LEFT AS A DOMESTIC WATER WELL, PLUG ACCORDING TO THE INSPECTOR'S INSTRUCTIONS. COMPLETE THIS FORM ON BOTH SIDES AND HAVE THE FOLLOWING AFFIDAVIT SIGNED BY THE REAL ESTATE OWNER.

AFFIDAVIT

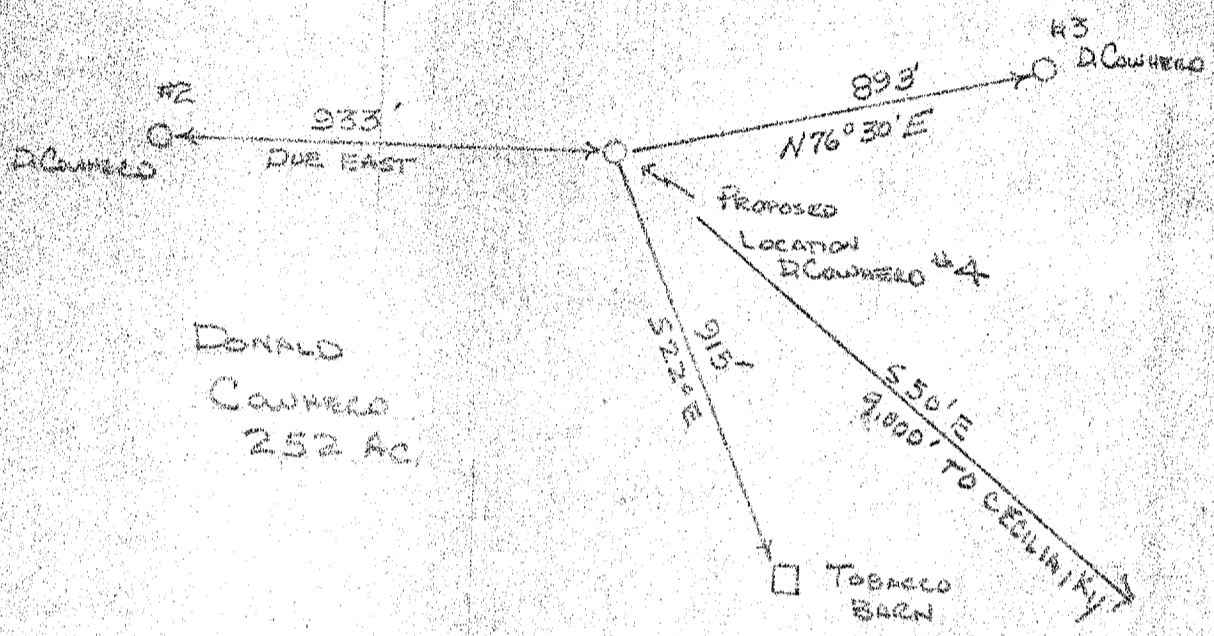
I, _____, THE OWNER OF THE REAL ESTATE ON WHICH THIS WELL WAS DRILLED, DESIRE THAT THE WELL BE LEFT OPEN FROM THE FRESH WATER ZONE TO THE SURFACE FOR USE AS A WATER WELL AND DO HEREBY ACCEPT THE FULL RESPONSIBILITY FOR SAID WATER WELL. THE OIL OPERATOR REMAINS RESPONSIBLE FOR ALL PLUGS BELOW THE FRESH WATER ZONE.

SIGNATURE OF OWNER OR HIS AGENT

DATE



2017502001
[Barcode]



DONALD
COWHARD
252 AC.

P. 25385

Operator CITY OF ELIZABETHTOWN
Address CITY HALL E. TOWN, KY
From DONALD COWHARD
Well No. EH Elevation 746.95
County HARRIS Nardin
Commodity CECILIA

Surveyor ALBERT L. BAYBUTT
Address 4809 MIDDALE VALLEY ST. KY.
KY REG. LAND SURVEYOR No. 627

DATE 11-23-71 SCALE 1"=400'

CARTER COORDINATE
SEC. 24 TWP. 0 No. 43
600' FNL X 893' FWL
24-0-43



Rec'd
4/18/72

600' SW
883' NW
24-0-43

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION

P. O. Box 680
Lexington, Ky.

Permit No. 25385

Oil or Gas Well Gas
(Kind)

Company City of Elizabethtown
 Address Elizabethtown, Ky.
 Farm Donald Cowherd Acres.....
 Location (waters) 24-0-43
 Well No. 4 Elev. 746.95
 District..... County Hardin
 Drilling Commenced Dec. 14, 1971
 Drilling Completed Jan. 21, 1972
 Name of Contractor Butler Pipelines
 Address of Contractor Louisville, Ky.
 Date Shot..... From..... To.....
 With.....
 Open flow /10ths Water in..... Inch
 /10ths Merc. in..... Inch

Casing and Used in Left In Tubing
 Drilling Well
 Size..... Kind of Packer
 16.....
 13.....
 10..... Size of.....
 8 3/4.....
 6 5/8..... Depth Set.....
 5 3/16.....
 3..... Perf. top.....
 2..... Perf. bottom.....
 Liners Used.....
 Perf. top.....
 Perf. bottom.....
 Casing Cemented..... Size..... No. Ft..... Date.....

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas & Coal or Water	Depth Found	Remarks
top soil			0	8			
clay & gravels			8	40			
lime	white	sandy	40	42			
clay, mud & gravels			42	43			
lime	white		43	69			
lime	white & gray		69	95			
lime	white		95	135			
lime	white & gray		135	162			
mud break			162	180			
lime	gray		180	191			
lime	dk. gray		191	242			
mud break			210	220			
lime	dk. gray shaley		242	270			
shale & mud			270	291			
shale	dk. gray		291	312			
lime	dk. gray		312	375			
shale & mud	dk. gray		375	390			
lime	dk. gray		390	410			
lime	lt. gray		410	500			
lime & chert	lt. gray		500	535			
lime	lt. gray		535	560			
lime	dk. gray hard		560	595			
lime & chert	dk. gray		595	644			
lime	brown		644	671			
mud	blue		671	736			
shale	black		736	813			
lime	white sandy		813	820			
lime	lt. gray		820	828			
lime	brown cornifious		828	856			
lime			856	872 (gas, 2150 MCFGD)			
TD			872				

2017502002

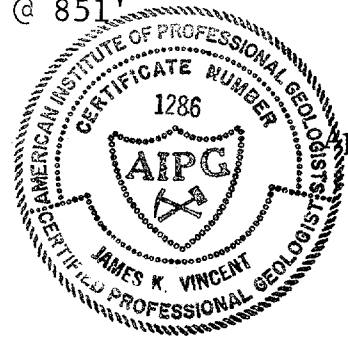
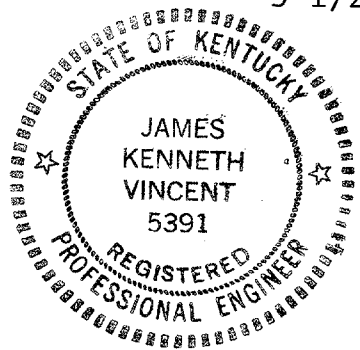
APR 24 1972
KENTUCKY GEOLOGICAL SURVEY

C A S I N G R E C O R D

10 3/4" @ 55'
8 5/8" @ 190'
5 1/2" @ 851'

not cemented
cemented w/55 sacks
circulated w/150 sacks cement

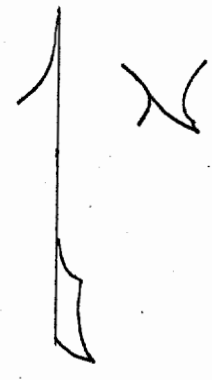
Date April 10, 1972



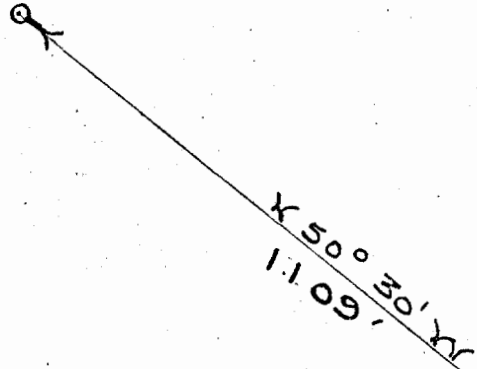
Approved City of Elizabethtown Owner

By James K. Vincent Agent
(Title)

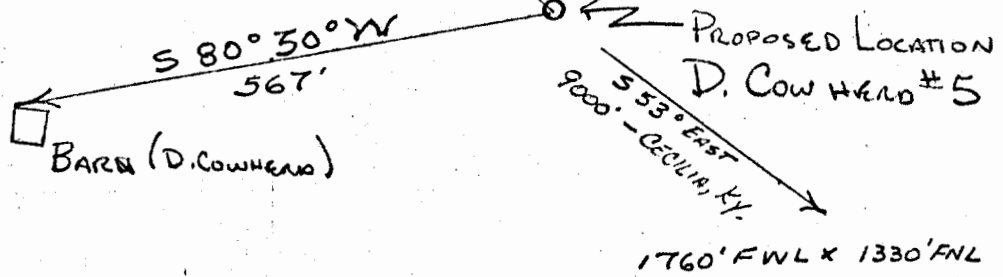
2017503001
[Barcode]



D. Cowhead #4



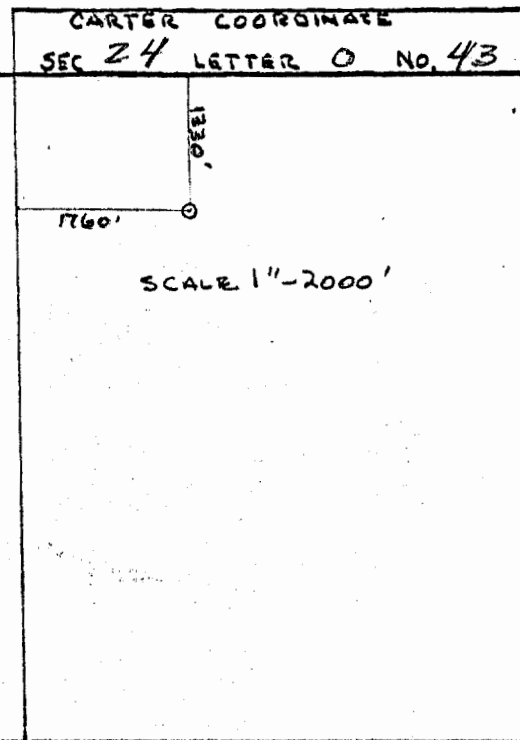
D. Cowhead
252 - Acres



P. 25478

1330' ENL
1760' SWL

Operator CITY OF ELIZABETH TOWN
 Address CITY HALL ELIZABETH TOWN, KENTUCKY
 Farm DONALD COWHEAD
 Well No. #5 Elevation 742.25
 County HARDIN Kentucky
 Quadrangle CECILIA
 I hereby certify that the above plat is correct to the best of my knowledge and belief
 Surveyor ALBERT L. BRADANT
 Address 4809 MID DRIVE, MISSISSIPPI, KY
 Ky. Reg. Land Surveyor No. 627
 Date 1-10-72 Scale 1"=200'



1330' 2NL
1760' 7WL



Rec'd
4/18/72

24-0-43

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION

Gas

P. O. Box 680
Lexington, Ky.

Permit No. 25478

Oil or Gas Well Gas
(Kind)

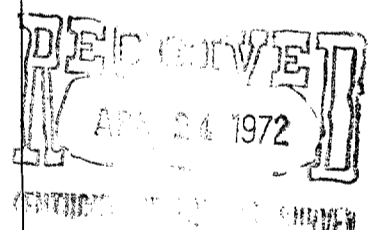
Company City of Elizabethtown Casing and Used in Left In Tubing
 Address Elizabethtown, Ky. Drilling Well
 Farm Donald Cowherd Acres.....
 Location (waters) 24-0-43
 Well No. 5(215) Elev. 742.25
 District..... County Hardin
 Drilling Commenced Jan. 14, 1972
 Drilling Completed Feb. 19, 1972
 Name of Contractor Butler Pipelines
 Address of Contractor Louisville, Ky.
 Date Shot..... From..... To.....
 With

Open flow /10ths Water in..... Inch
 /10ths Merc. in..... Inch

Size..... Kind of Packer
 16.....
 13.....
 10..... Size of.....
 8 1/4.....
 6 5/8..... Depth Set.....
 5 3/16.....
 3..... Perf. top.....
 2..... Perf. bottom.....
 Liners Used.....
 Perf. top.....
 Perf. bottom.....

Casing Cemented..... Size..... No. Ft..... Date.....

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas & Coal or Water	Depth Found	Remarks
clay			0	20			
clay	red		20	26			
boulder			26	29			
clay, mud & gravel		sandy	29	41			
lime	white		41	85			
mud			85	90			
mud	blue		90	118			
lime	dk. gray		118	384			
lime	gray		384	390			
lime	gray & white		390	411			
lime	lt. gray & white		411	450			
lime	lt. gray		450	531			
lime & chert	lt. gray		531	551			
lime	lt. gray		551	556			
lime	dk. gray	hard	556	606			
lime & chert	dk. gray	hard	606	647			
lime	dk. gray		647	650			
lime & mud	dk. gray		650	668			
mud & shale	blue		668	684			
mud	blue		684	695			
mud & shale	blue		695	720			
mud	blue		720	735			
shale	black		735	810			
lime	cornifious	cap	810	816			
lime	gray	sandy	816	839			
lime	cornifious		839	856			
lime			856	868	(gas, 2446 MCFGD)		
TD			868				



CASING RECORD

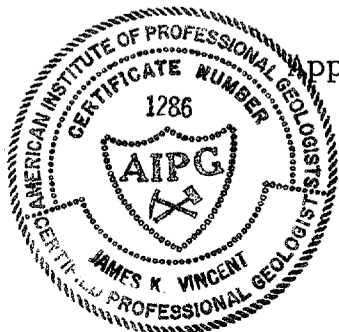
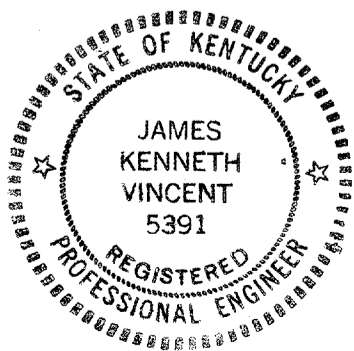
10 3/4" @ 42'
8 5/8" @ 220'
5 1/2" @ 848'

not cemented
cemented when 5 1/2" was cemented
circulated 300 sacks cement

Date April 10, 1972

Approved City of Elizabethtown Owner

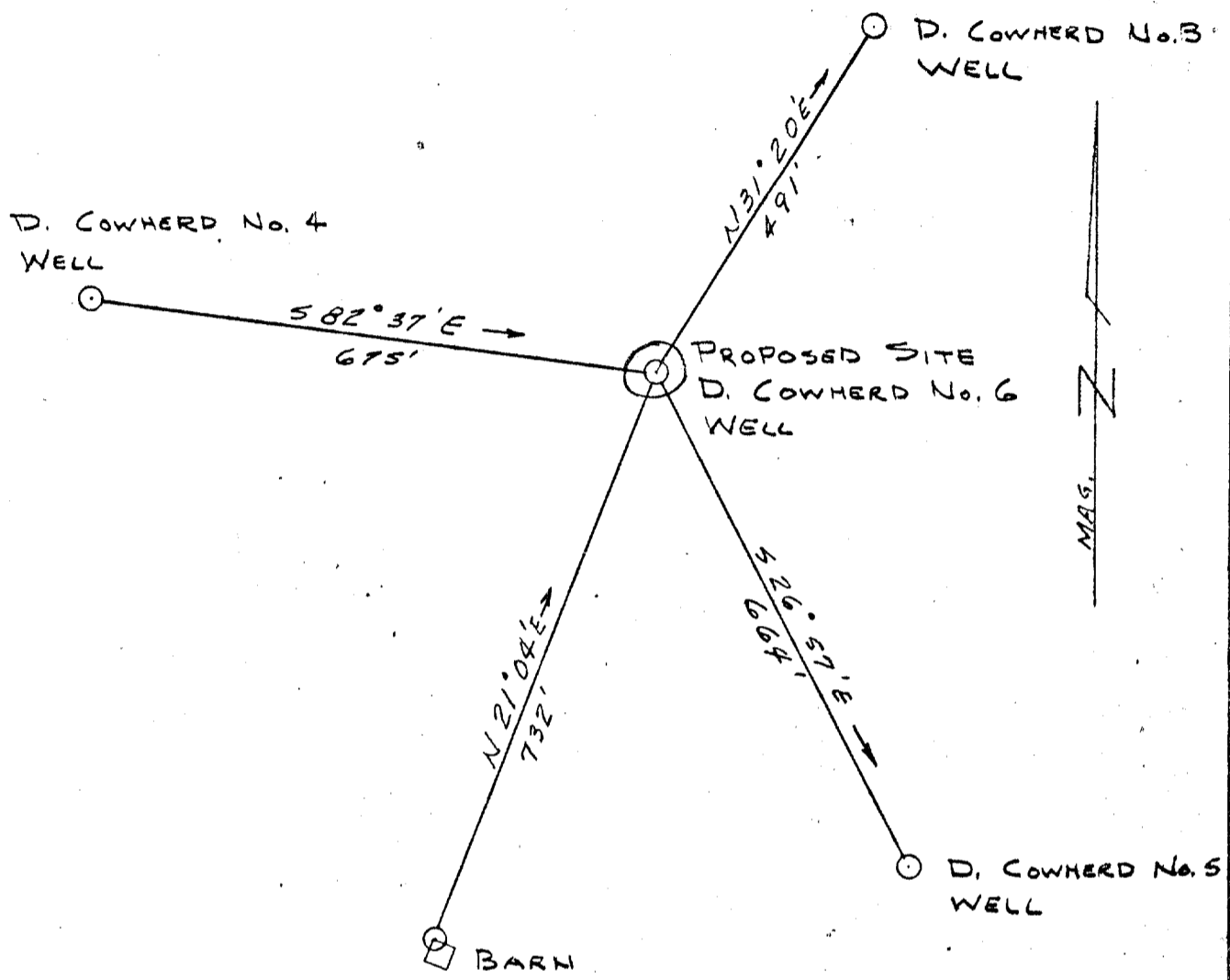
By James K. Vincent, Agent
(Title)



2017504001



WELL LOCATION PLAT

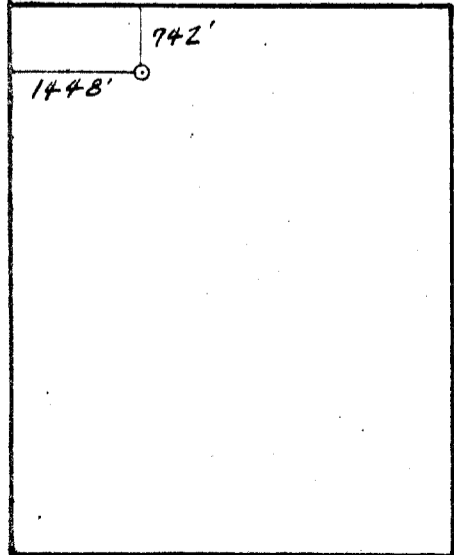


742' 7NL
1448' 7WL

P. 28339

TOPO CECILIA
CARTER COORDINATE

24-0-43 Scale 1"=2,000'



Operator CITY OF ELIZABETHTOWN
 Farm DONALD COWHERD
 Well No. 6 (US) Elevation 736 gr.
 County HARDIN Kentucky
 Date SEP. 6, 1974 Scale 1"=200'
 Surveyor: T. J. PATTERSON
ELIZABETHTOWN, KY

I hereby certify that the above plat is correct to the best of my knowledge and belief.

T. Paul Eds. P.E.

Ky. Reg. No. 8475

2017504002




COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF MINES AND MINERALS
 OIL AND GAS DIVISION
 P. O. BOX 680
 LEXINGTON, KY.

RECEIVED
 OCT 24 1974
 DEPT. OF MINES & MINERALS
 LEXINGTON, KENTUCKY

WELL LOG AND COMPLETION REPORT

Gas Storage

TO BE FILED IMMEDIATELY AFTER COMPLETION OF WELL
 NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT.

WELL IDENTIFICATION Permit No. <u>28339</u> Operator <u>City of Elizabethtown</u> Farm Name <u>Donald Cowherd</u> Well No. <u>6</u>		TYPE OF COMPLETION (CHECK ONE) Dry Hole <input type="checkbox"/> Shut-in or Producing? _____ Oil <input type="checkbox"/> _____ Gas <input type="checkbox"/> _____ Pressure Maintenance or Secondary Recovery: Water Injection <input type="checkbox"/> Gas Injection <input type="checkbox"/> Gas Storage: Injection-Extraction <input checked="" type="checkbox"/> Observation <input type="checkbox"/>																																														
TYPE OPERATION (CHECK ONE) New Well <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Deepening <input type="checkbox"/>		LOCATION County <u>Hardin</u> Carter Coordinates <u>24</u> <u>0</u> <u>43</u> <small>(SECTION) (LETTER) (NUMBER)</small> Footage from Section Lines: <u>742</u> from <u>N</u> line <u>1448</u> from <u>X</u> line <small>QUAD. W</small>																																														
ELEVATION <u>734.58</u> Corrected (ground) <u>738</u> (D.F.) (K.B.)		INITIAL PRODUCTION Natural <u>None</u> Date _____ After Treatment <u>None</u> Date _____																																														
TOTAL DEPTH Driller's Log <u>971</u> Geophysical Log <u>972</u>		COMPLETION INTERVAL Formation Name(s) <u>Laurel Dolomite</u> Interval(s) <u>908 - 920' Perforated with 4 shots per foot.</u>																																														
OPERATIONAL DATES Date Commenced <u>9-18-74</u> Date Drilling Completed <u>10-6-74</u> Date Plugged (IF DRY HOLE) _____ Date Placed in Operation <u>10-14-74</u> (IF PRODUCING, INJECTION, ETC.)		WELL TREATMENT (CHECK APPLICABLE BOXES): <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th></th> <th></th> <th>IN OPEN HOLE</th> <th>THRU PERFORATION</th> </tr> </thead> <tbody> <tr> <td>Shot</td> <td>_____ qts.</td> <td>_____ interval</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Shot</td> <td>_____ qts.</td> <td>_____ interval</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Acid</td> <td><u>765</u> gals.</td> <td><u>908-920</u> interval</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Acid</td> <td>_____ gals.</td> <td>_____ interval</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Fracture</td> <td>_____ gals.</td> <td>_____ interval</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>_____ lbs/sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Fracture</td> <td>_____ gals.</td> <td>_____ interval</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>_____ lbs/sand</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					IN OPEN HOLE	THRU PERFORATION	Shot	_____ qts.	_____ interval	<input type="checkbox"/>	<input type="checkbox"/>	Shot	_____ qts.	_____ interval	<input type="checkbox"/>	<input type="checkbox"/>	Acid	<u>765</u> gals.	<u>908-920</u> interval	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Acid	_____ gals.	_____ interval	<input type="checkbox"/>	<input type="checkbox"/>	Fracture	_____ gals.	_____ interval	<input type="checkbox"/>	<input type="checkbox"/>		_____ lbs/sand				Fracture	_____ gals.	_____ interval	<input type="checkbox"/>	<input type="checkbox"/>		_____ lbs/sand			
			IN OPEN HOLE	THRU PERFORATION																																												
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	_____ lbs/sand																																															
Fracture	_____ gals.	_____ interval	<input type="checkbox"/>	<input type="checkbox"/>																																												
	_____ lbs/sand																																															
DRILLING METHOD Cable Tools from _____ to _____ Rotary conventional - from <u>820</u> to <u>971</u> Tools air - from <u>0</u> to <u>820</u> <small>(DEPTHS) (DEPTHS)</small>		CONTRACTOR(S): <u>Johnson & Green</u> Address: <u>Southside Ave., Rt. #5</u> <u>Campbellsville, Ky. 42718</u>																																														
TYPE(S) OF GEOPHYSICAL LOGS RUN: (Electrical, induction, sonic, gamma ray, neutron, density, etc.) <u>Induction, Gamma Ray, Density, Cement Bond.</u>		CASING RECORD <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>DEPTH</th> <th>BSG CEMENT</th> <th>CSG PULLED</th> </tr> </thead> <tbody> <tr> <td><u>12"</u></td> <td><u>31'</u></td> <td><u>None</u></td> <td><u>None</u></td> </tr> <tr> <td><u>8 5/8"</u></td> <td><u>208'</u></td> <td><u>225</u></td> <td><u>None</u></td> </tr> <tr> <td><u>4 1/2"</u></td> <td><u>970'</u></td> <td><u>180</u></td> <td><u>None</u></td> </tr> </tbody> </table>		SIZE	DEPTH	BSG CEMENT	CSG PULLED	<u>12"</u>	<u>31'</u>	<u>None</u>	<u>None</u>	<u>8 5/8"</u>	<u>208'</u>	<u>225</u>	<u>None</u>	<u>4 1/2"</u>	<u>970'</u>	<u>180</u>	<u>None</u>																													
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<u>4 1/2"</u>	<u>970'</u>	<u>180</u>	<u>None</u>																																													

OCCURRENCE OF OIL AND GAS

Interval (DEPTHS-TOP, BASE)	Formation	Remarks (SHOWS OF OIL AND/OR GAS, FILL-UP TESTS, DST'S, CORER, ETC.)
<u>852 - 870</u>	<u>Lego</u>	<u>Gas. Gas storage formation.</u>
<u>908 - 910</u>	<u>Laurel</u>	<u>Probable show of gas by log.</u>

RECEIVED
 OCT 25 1974

The above information is complete and correct.
 Date Oct. 23, 1974

Signed English Jackson
 Title Agent
 KENTUCKY GEOLOGICAL SURVEY

FORMATION RECORD

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
165	?	Water flow, artesian slight sulphur odor, no taste.			
425	432	water, slightly salty. Small amount.			
852	870	Gas. Lego Dolomite. Gas storage zone of field.			
908	920	Saltwater with possible show gas in top by log. Laurel formation. Induction Log, Gamma Ray Density, 3 Dimensional Velocity Log enclosed.			
		Birdwell Ind-Elec 10/6/74 208' -970' GR/Dens 10/6/74 0' -971'			
		GR/D interp by ENW 1/10/75:			
		Somerset Sh?	262	295	
		Mudraugh-Fort Payne	364		
		New Providence Sh	644		
		Chattanooga Sh (New Albany)	723		
		Brownsport	802		
		Lego	847		
		Waldron Sh	884	889	
		Laurel Dol	889		
		Osgood Sh	929		
		Brassfield Dol	947	961	



CITY OF ELIZABETHTOWN, KY.

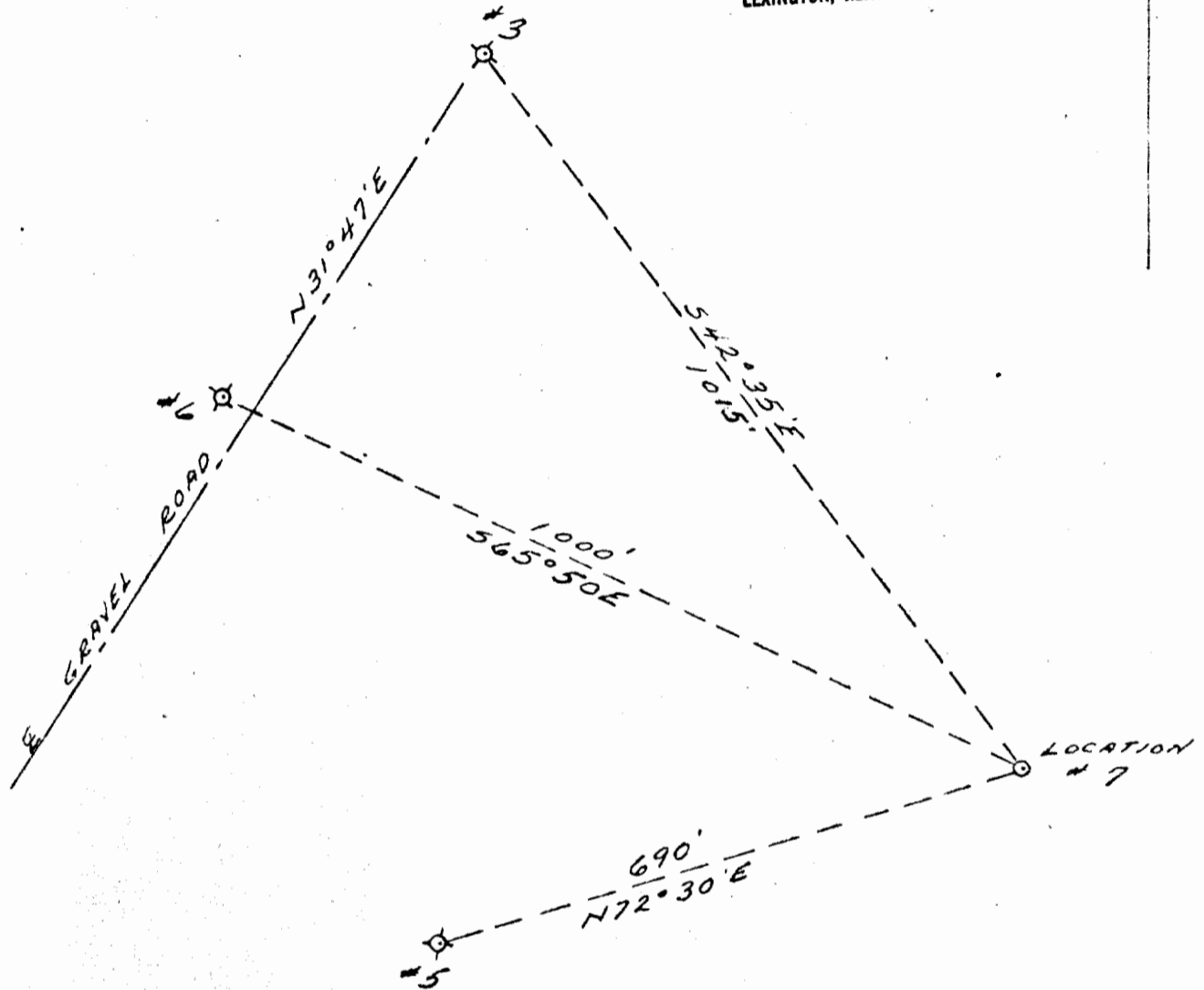
DONALD COWHERD

2017505001



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DEPT. OF MINES & MINERALS
OIL & GAS DIVISION
LEXINGTON, KENTUCKY



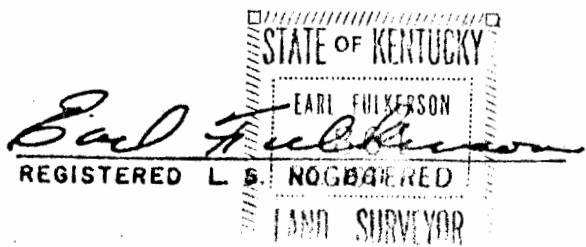
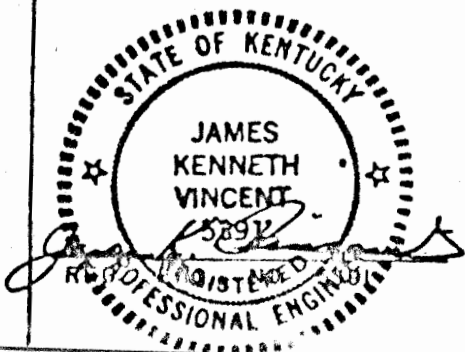
B. 32460

CECILIA
 TOPOGRAPHIC QUADRANT
 24-0-43
 CARTER COORDINATE
 SCALE: 1" = 2000'

OPERATOR CITY OF ELIZABETHTOWN, KY
 FARM DONALD COWHERD
 WELL NO. #7 (US) ELEVATION 746.01 GR. TRANS
 COUNTY HARDIN STATE KENTUCKY
 DATE: JULY 28, 1977 SCALE: 1" = 200'
 SURVEYOR EARL FULKERSON - 105 1/2 W. 3RD ST.
 ADDRESS OWENSBORO, KENTUCKY 42301

1110 F.N.L.
 2440 F.E.L.

I HEREBY CERTIFY that the above plat is correct to the best of my knowledge and belief:



2017505002
[Barcode]



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION
P. O. BOX 680
LEXINGTON, KY.

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WELL LOG AND COMPLETION REPORT

TO BE FILED IMMEDIATELY AFTER COMPLETION OF WELL
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT.

DEPARTMENT OF MINES & MINERALS
OIL & GAS DIVISION
LEXINGTON, KENTUCKY

Gas Storage 11-2-77

WELL IDENTIFICATION Permit No. 32460

Operator City of Elizabethtown

Farm Name Donald Cowherd

Well No. 7

TYPE OPERATION (CHECK ONE)

New Well

Workover

Deepening

LOCATION

County Hardin

Carter Coordinates 24 0 43
(SECTION) (LETTER) (NUMBER)

Footage from Section Lines: 1110 from N line 2440 from E line
QUAD.

ELEVATION 746.01 (ground) (D.F.) (K.B.)

TOTAL DEPTH

Driller's Log 931 Geophysical Log 929

OPERATIONAL DATES

Date Commenced 9/29/77 Date Drilling Completed 10/15/77

Date Plugged (IF DRY HOLE) _____ Date Placed in Operation 11/2/77 (IF PRODUCING, INJECTION, ETC.)

Date Shut-in (IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION) _____

DRILLING METHOD

Cable Tools from 910 to 931 (DEPTHS) Rotary conventional from 772 to 910 Tools air from 0 to 772 (DEPTHS)

CONTRACTOR(S): Ray Pittman Drlg. Co.

Address: P. O. Box 16
Kettle, Ky. 42752

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)

Radioactivity Log ✓

Radioactivity Log ✓

TYPE OF COMPLETION (CHECK ONE)

Dry Hole Shut-in or Producing? _____

Oil

Gas

Pressure Maintenance or Secondary Recovery:
Water Injection

Gas Injection

Gas Storage:
Injection-Extraction Observation

SERVICE WELL:
Saltwater Disposal

Water Supply

Observation Well

Other: _____

INITIAL PRODUCTION

Natural _____ Date _____

After Treatment _____ Date _____

COMPLETION INTERVAL

Formation Name(s) Laurel Interval(s) 913-931 feet
(open hole)

(CHECK APPLICABLE BOXES):

WELL TREATMENT

			IN OPEN HOLE	THRU PERFORATION
Shot	_____ qts.	_____ interval	<input type="checkbox"/>	<input type="checkbox"/>
Shot	_____ qts.	_____ interval	<input type="checkbox"/>	<input type="checkbox"/>
Acid	<u>500</u> gals.	<u>913-31</u> interval	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Acid	_____ gals.	_____ interval	<input type="checkbox"/>	<input type="checkbox"/>
Fracture	_____ gals.	_____ interval	<input type="checkbox"/>	<input type="checkbox"/>
	_____ lbs/sand			
Fracture	_____ gals.	_____ interval	<input type="checkbox"/>	<input type="checkbox"/>
	_____ lbs/sand			

CASING RECORD

SIZE	DEPTH	BKS CEMENT	CSG PULLED
<u>13 3/8"</u>	<u>55</u>	<u>60</u>	<u>-0-</u>
<u>8 5/8"</u>	<u>372</u>	<u>303</u>	<u>-0-</u>
<u>4 1/2"</u>	<u>909</u>	<u>200</u>	<u>-0-</u>

OCCURRENCE OF OIL AND GAS

Interval (DEPTHS-TOP, BASE)	Formation	Remarks (SHOWS OF OIL AND/OR GAS, FILL-UP TESTS, DEPTHS, CORES, ETC.)
<u>866-889</u>	<u>Lego</u>	<u>Show of gas</u>
<u>913-929</u>	<u>Laurel</u>	<u>300 MCF open flow</u>
		<u>To be used as injection-withdrawal well.</u>

RECEIVED
NOV 28 1977
KENTUCKY GEOLOGICAL SURVEY

The above information is complete and correct.

Date November 22, 1977

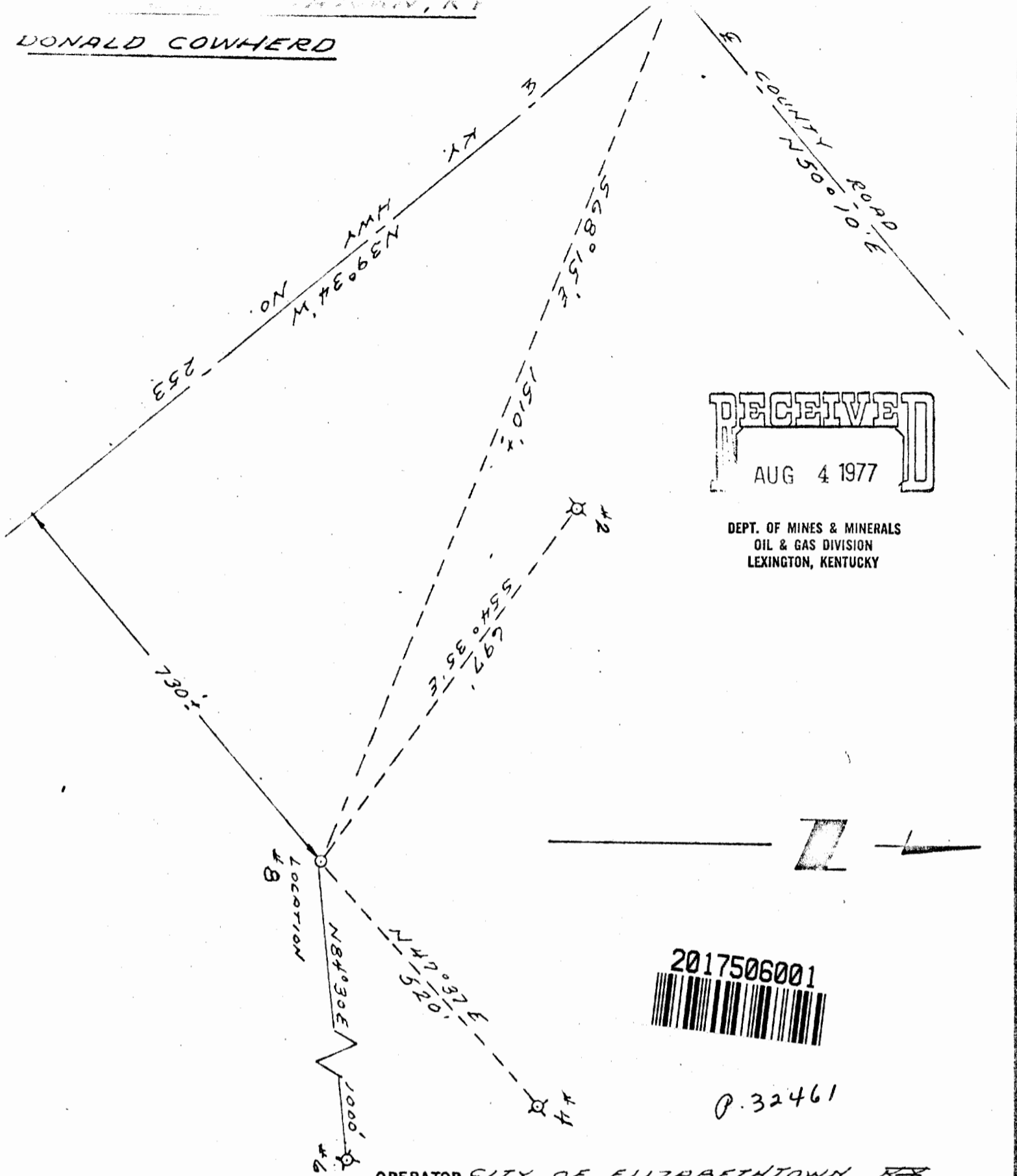
Signed Ben R. Dales
Title Geologist

FORMATION RECORD

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	52	Soil & clay			
52	386	Mississippian lime			
386	662	Fort Payne lime			
662	742	New Providence shale			
742	816	New Albany shale			
816	826	Sellersburg lime			
826	866	Brownsport lime			
866	900	Louisville (Lego) dolomite			
900	904	Waldron shale			
904	931	Laurel dolomite			



DONALD COWHERD



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OIL & GAS DIVISION
LEXINGTON, KENTUCKY

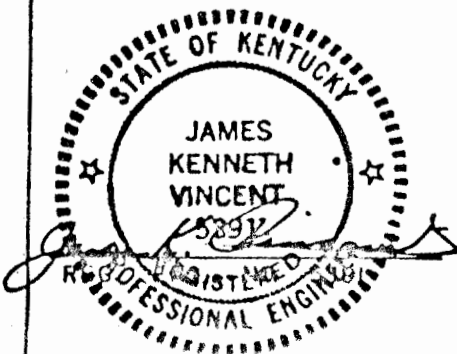


0.32461

CECILIA
TOPOGRAPHIC QUADRANT
24-0-43
CARTER COORDINATE
SCALE: 1" = 2000'

OPERATOR CITY OF ELIZABETHTOWN, KY
FARM DONALD COWHERD
WELL NO. # 8 (US) ELEVATION 752.65 ^{GR.} TRANS.
COUNTY HARDIN STATE KENTUCKY
DATE: JULY 28, 1977 SCALE: 1" = 200'
SURVEYOR EARL FULKERSON - 105 1/2 W. 3RD ST.
ADDRESS OWENSBORO, KENTUCKY 42301

950 FNL
550 FWL



I HEREBY CERTIFY that the above plat is correct to the best of my knowledge and belief:

STATE OF KENTUCKY
EARL FULKERSON
861
REGISTERED LAND SURVEYOR

2017506002
[Barcode]



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION
P. O. BOX 680
LEXINGTON, KY.

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DEPT. OF MINES & MINERALS
OIL & GAS DIVISION
LEXINGTON, KENTUCKY

WELL LOG AND COMPLETION REPORT

TO BE FILED IMMEDIATELY AFTER COMPLETION OF WELL
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT.

Gas Storage

WELL IDENTIFICATION Permit No. 32461
Operator City of Elizabethtown
Farm Name Donald Cowherd
Well No. 8 (US)

TYPE OF COMPLETION (CHECK ONE) 11-16-77
Dry Hole Shut-in or Producing?
Oil
Gas
Pressure Maintenance or Secondary Recovery:
Water Injection
Gas Injection
Gas Storage: Injection-Extraction
Observation
SERVICE WELL:
Saltwater Disposal
Water Supply
Observation Well
Other: _____

TYPE OPERATION (CHECK ONE)
New Well
Workover
Deepening
LOCATION
County Hardin
Carter Coordinates 24 0 43
(SECTION) (LETTER) (NUMBER)
Footage from Section Lines:
950 from N line 550 from W line

ELEVATION 752.65 (ground) (D.F.)
(K.B.)

INITIAL PRODUCTION
Natural _____ Date _____
After Treatment _____ Date _____

TOTAL DEPTH
Driller's Log 940 Geophysical Log 939

COMPLETION INTERVAL
Formation Name(s) Interval(s)
Laurel 915-930
(open hole)

OPERATIONAL DATES
Date Commenced Oct. 19, 1977 Date Drilling Completed Nov. 4, 1977
Date Plugged _____ Date Placed in Operation Nov. 16, '77
(IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-in _____
(IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

(CHECK APPLICABLE BOXES):
WELL TREATMENT
Shot _____ qts. _____ interval
Shot _____ qts. _____ interval
Acid 500 gals. 915-30 interval
Acid _____ gals. _____ interval
Fracture _____ gals. _____ interval
_____ lbs/sand
Fracture _____ gals. _____ interval
_____ lbs/sand

DRILLING METHOD
Cable Tools from _____ to _____ Rotary conventional - from 0 to 940
(DEPTHS) Tools air - from _____ to _____ (DEPTHS)

CONTRACTOR(S): Rector & Stone Drlg. Co.
Address: P. O. Box 301
Carmi, Ill. 62821

CASING RECORD

SIZE	DEPTH	SBS CEMENT	CSS PULLED
<u>8 5/8"</u>	<u>419</u>	<u>300</u>	<u>-0-</u>
<u>4 1/2"</u>	<u>910</u>	<u>200</u>	<u>-0-</u>

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)
Induction Electric Log
Density Borehole Compensated

OCCURRENCE OF OIL AND GAS

Interval (DEPTHS-TOP, BASE)	Formation	Remarks (SHOWS OF OIL AND/OR GAS, FILL-UP TESTS, DST)
<u>856-877</u>	<u>Lego</u>	<u>Show of gas</u>
<u>915-930</u>	<u>Laurel</u>	<u>Open flow test - 356 MCF (natural)</u>
		<u>Acid improved flow</u>

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JAN 12 1978
KENTUCKY GEOLOGICAL SURVEY

The above information is complete and correct.
Date December 30, 1977

Signed [Signature]
Title Geologist S.P.E.

FORMATION RECORD

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	42	Soil & clay			
42	380	Mississippian lime			
380	651	Fort Payne lime			
651	721	New Providence shale			
721	806	New Albany shale			
806	816	Sellersburg lime			
816	856	Brownsport lime			
856	890	Louisville (Lego) Dolomite			
890	896	Waldron shale			
896	940	Laurel Dolomite			
	940	TOTAL DEPTH			



Henry Cowherd Farm No.2

Q. 23314

~~W.C. Milby~~ Robert L. Adney Operator

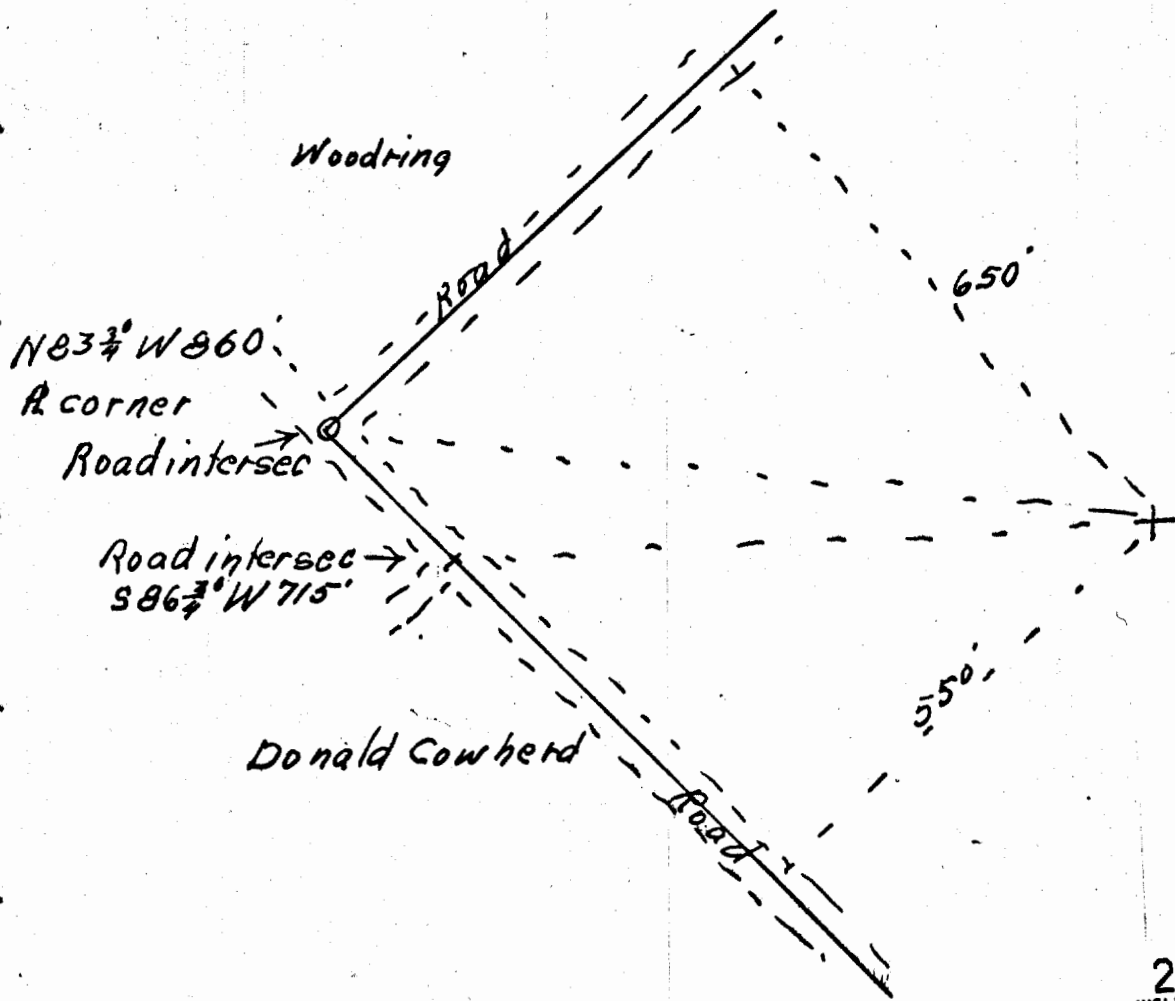
Hardin Co. 50' FEL x 600' FNL

Sec. 25 - 0 - 43 Well No. 2

Elevation 747.9 by transit from barn contour

1 in. = 200 ft.

Magnetic bearings
Horizontal distances



2017507001



50' FEL
600' FNL
Sec. 25 - 0 - 43

I hereby certify the above plat is accurate and correct
to the best of my knowledge and belief

JAN 13 1980
Robert L. Adney
Educator, Tex

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DEPT. OF MINES AND MINERALS
LEXINGTON, KENTUCKY



600' JNL
50' FEL

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION

25-0-43

P. O. Box 680
Lexington, Ky.

Permit No. 33314

Oil or Gas Well GAS
(Kind)

Henry Cowherd

Company ROBERT ADNEY
Address GREENSBURG KY
Farm ~~ROBERT COWHERD~~ Acres
Location (waters)
Well No. 2 Elev. 747.9
District County HARDIN
Drilling Commenced 1-14-70
Drilling Completed 3-26-70
Name of Contractor RHARRIS
Address of Contractor GUNBOW KY
Date Shot From To
With
Open flow /10ths Water in Inch
/10ths Merc. in Inch

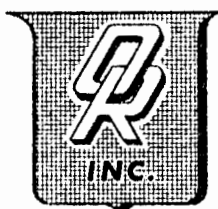
Casing and Used in Left In Tubing
Drilling Well
Size Kind of Packer
16
13
10 40' Size of
3 1/4 55' 109' Depth Set
6%
53/16 Perf. top
3 Perf. bottom
2
Liners Used Perf. top
Perf. bottom
Casing Cemented Size No. Ft. Date

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas & Coal or Water	Depth Found	Remarks
CLAY			0	8			
GRAVEL			8	35			
BOULDERS, MUD, & SAND			35	55			
SAND & LIME	BROWN		55	63	WATER	55-60	
WATER SAND & GRAVEL			63	70			
SAND			70	110			
LIME	BLUE		110	409			
SAND & LIME	WHITE		409	446			
LIME	WHITE		446	496	GAS	475-480	
LIME	LT. GRAY		496	530			
SHALEY LIME	GRAY		530	595			
LIME	BLUE		595	607			
LIME	GRAY		607	653			
SHALEY MUD	BLUE		653	735			
SHALE	BLACK		735	813			
LIME	WHITE		813	949			

TD 949

2017507002

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KENTUCKY GEOLOGICAL SURVEY



OILFIELD RESEARCH, INC.

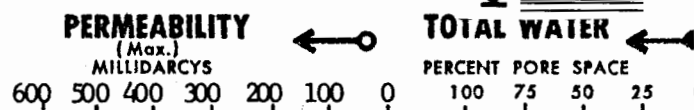
RECNO 2017507

COMPANY LOUISVILLE GAS & ELECTRIC COMPANY **ELEVATION** 747.9 G.L. **FILE NO.** 70E3043
LEASE H. COWHERD **WELL** 2 **FORMATION** SEE BELOW **DATE CORED** 3/4-10/70
FIELD CECILIA **DRLG. FLUID** FWB **DATE REPORT** 3/18/70
COUNTY HARDIN **STATE** KENTUCKY **TYPE OF CORE** DIAMOND **PERMIT NO.** 23314
LOCATION 600'NL. 50'EL. 25-0-43 **REMARKS** SAMPLED BY OR-BRO & MEK

WHOLE CORE ANALYSIS REPORT

DOLOMITE **VUGS** **SHALE**

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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY		POROSITY %	RESIDUAL LIQUID SATURATION % PORE SPACE	POROSITY x---x PERCENT	OIL SATURATION x---x PERCENT PORE SPACE
		HORIZONTAL MAX.	VERTICAL 90°				
Core No. 1 842.0 - 860.0							
1	842.0-42.9	<0.10	<0.10	<0.10	2.3		
2	842.9-43.9	<0.10	<0.10	<0.10	2.1		
3	843.9-44.9	<0.10	<0.10	<0.10	4.5		
4	844.9-45.8	<0.10	<0.10	<0.10	2.2		
5	845.8-46.7	<0.10	<0.10	<0.10	4.1		
6	846.7-47.8	<0.10	<0.10	<0.10	2.4		
7	847.8-48.6	<0.10	<0.10	<0.10	4.0		
8	848.6-49.8	<0.10	<0.10	<0.10	2.1		
9	849.8-50.8	<0.10	<0.10	<0.10	5.5		
10	850.8-51.5	<0.10	<0.10	<0.10	4.5		
11	851.5-52.4	<0.10	<0.10	1.9	4.3		
12	852.4-53.1	<0.10	<0.10	<0.10	1.2		
13	853.1-54.0	<0.10	<0.10	<0.10	4.0		
14	854.0-55.0	<0.10	<0.10	<0.10	1.2		
15	855.0-56.0	<0.10	<0.10	<0.10	3.1		
16	856.0-57.0	<0.10	<0.10	2.8	2.2		
17	857.0-57.9	<0.10	<0.10	<0.10	3.8		
18	857.0-58.9	0.32	<0.20	<0.10	7.7		
19	858.9-60.0	0.69	0.56	<0.10	4.3		
Core No. 2 861.0 - 881.0							
20	861.0-61.8	0.47	0.35	<0.10	1.8		
21	861.8-62.9	1.2	0.52	1.4	6.7		
22	862.9-63.8	1.7	0.45	2.6	9.5		
23	863.8-65.0	1.3	1.0	1.4	8.0		
24	865.0-66.1	340.	1020.	212.	15.7		
25	866.1-66.9	260.	61.	78.	9.1		
26	866.9-67.9	700.	1620.	231.	17.3		
27	867.9-69.0	265.	180.	3.1	15.4		
28	869.0-69.9	450.	170.	10.	12.1		
29	869.9-71.0	470.*		62.*	16.1		
30	871.0-72.0	1020.	570.	0.60	15.8		
31	872.0-73.0	455*		525.*	20.6		
Core No. 3 881.0 - 901.0							
32	881.0-82.4	122.	86.	4.9	13.3		
33	882.4-83.4	0.40	<0.10	<0.10	3.9		
34	883.4-84.2	<0.10	<0.10	<0.10	<3.0		
35	884.2-85.1	0.70	<0.10	<0.10	<3.0		
36	885.1-86.0	<0.10	<0.10	<0.10	<3.0		
37	886.0-86.9	0.86	0.63	<0.10	<3.0		
38	886.9-87.8	<0.10	<0.10	<0.10	<3.0		
39	887.8-89.0	<0.10	<0.10	<0.10	<3.0		
40	889.0-90.0	<0.10	<0.10	<0.10	<3.0		
41	890.0-90.8	<0.10	<0.10	<0.10	<3.0		
42	890.8-91.9	2.5	2.5	<0.10	<3.0		
43	891.9-93.0	302.	286.	8.9	9.5		
44	893.0-94.1	57.	53.	0.76	8.9		
45	894.1-94.8	530.	450.	13.	10.6		

BROWNSPORT
LOUISVILLE



Kentucky Geological Survey

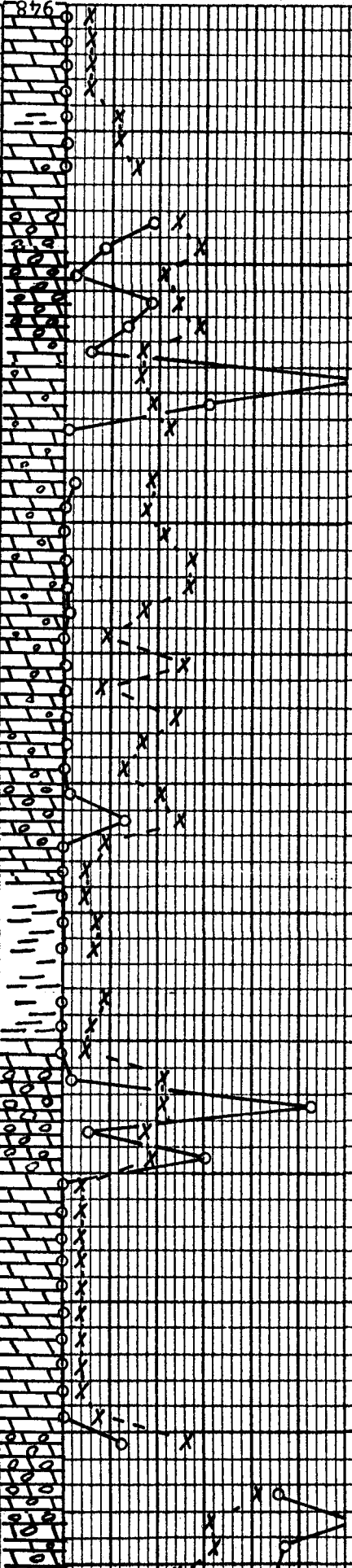
Weighted averages.

LAUREL	906.0 - 929.6	23.6'	86.	35.	6.3	9.3
LOUISVILLE	891.9 - 895.5	3.6'	217.	195.	6.0	9.8
LOUISVILLE	865.0 - 873.0	8.0'	759.	464.	142.	15.6

CORE SUMMARY

* Conventional Core Analysis.

FORMATION	DEPTH, FEET	FEET CORE ANALYZED	AVERAGE PERMEABILITY HORIZONTAL MAX. 90° VERTICAL	AVERAGE POROSITY %	AVERAGE LIQUID SATURATION, % OIL WATER
869.0-892.9	450. 170.	10.	12.1		
869.9-71.0	470.*	62.*	16.1		
871.0-72.0	1020. 570.	0.60	15.8		
872.0-73.0	455*	525.*	20.6		
Core No. 3	881.0 - 901.0				
881.0-82.4	122. 86.	4.9	13.3		
882.4-83.4	0.40	<0.10	3.9		
883.4-84.2	<0.10	<0.10	3.0		
884.2-85.1	0.70	<0.10	3.0		
885.1-86.0	<0.10	<0.10	3.0		
886.0-86.9	0.86	0.63	3.0		
886.9-87.8	<0.10	<0.10	3.0		
887.8-89.0	<0.10	<0.10	3.0		
889.0-90.0	<0.10	<0.10	3.0		
890.0-90.8	<0.10	<0.10	3.0		
890.8-91.8	2.5	2.5	<0.10		
891.9-93.0	302. 286.	8.9	9.5		
893.0-94.1	57. 53.	0.76	8.9		
894.1-94.8	530. 450.	13.	10.6		
894.8-95.5	20. 18.	2.4	10.6		
895.5-96.5	<0.10	<0.10	3.0		
896.5-97.3	<0.10	<0.10	3.0		
897.3-98.0	<0.10	<0.10	4.4		
Core No. 4	901.0 - 920.0				
901.0-01.7	<0.10	<0.10	3.5		
901.7-02.9	<0.10	<0.10	3.6		
902.9-05.0	<0.10	<0.10	3.0		
904.0-05.2	<0.10	<0.10	3.0		
905.2-06.0	<0.10	<0.10	4.5		
906.0-07.1	132. 126.	3.2	12.6		
907.1-08.1	14. 14.	3.3	10.3		
908.1-09.0	2.4	2.4	6.6		
909.0-10.2	9.8	9.4	8.3		
910.2-11.1	8.4	6.1	12.0		
911.1-12.0	4.1	2.5	4.0		
912.0-12.8	6.5	6.5	1.4	12.8	
912.8-13.9	0.57	0.43	<0.10	4.4	
913.9-14.8	18. 15.	<0.10	8.5		
914.8-15.6	8.8	7.4	<0.10	13.6	
915.6-16.4	2.9	1.2	<0.10	13.8	
916.4-17.4	0.70	0.26	2.5	10.9	
917.4-18.1	1.0	0.86	<0.10	8.9	
918.1-19.3	25. 6.5	1.3	9.3		
Core No. 5	920.0 - 940.0				
920.0-20.6	9.8	8.2	0.95	11.2	
920.6-21.5	310. 7.3	<0.10	9.2		
921.5-22.7	640.*	90.*	8.0		
922.7-23.8	57. 35.	6.3	8.2		
924.8-26.0	133. 103.	3.0	14.4		
926.0-27.0	182. 157.	2.5	12.1		
927.0-27.9	23. 19.	0.68	10.9		
927.9-28.7	87. 81.	1.5	14.4		
928.7-29.6	190. 177.	1.3	12.0		
Core No. 6	940.0 - 953.0				
940.0-41.0	0.12*	<0.10*	7.8		
941.0-42.4	2.4	2.3	<0.10	5.8	
942.4-43.5	<0.10	<0.10	5.5		
943.5-44.8	<0.10	<0.10	3.0		
944.8-45.7	<0.10	<0.10	3.0		
945.7-46.6	<0.10	<0.10	3.0		
946.6-47.2	<0.10	<0.10	3.0		



LAUREL

MAUDRON

WELL LOCATION PLAT

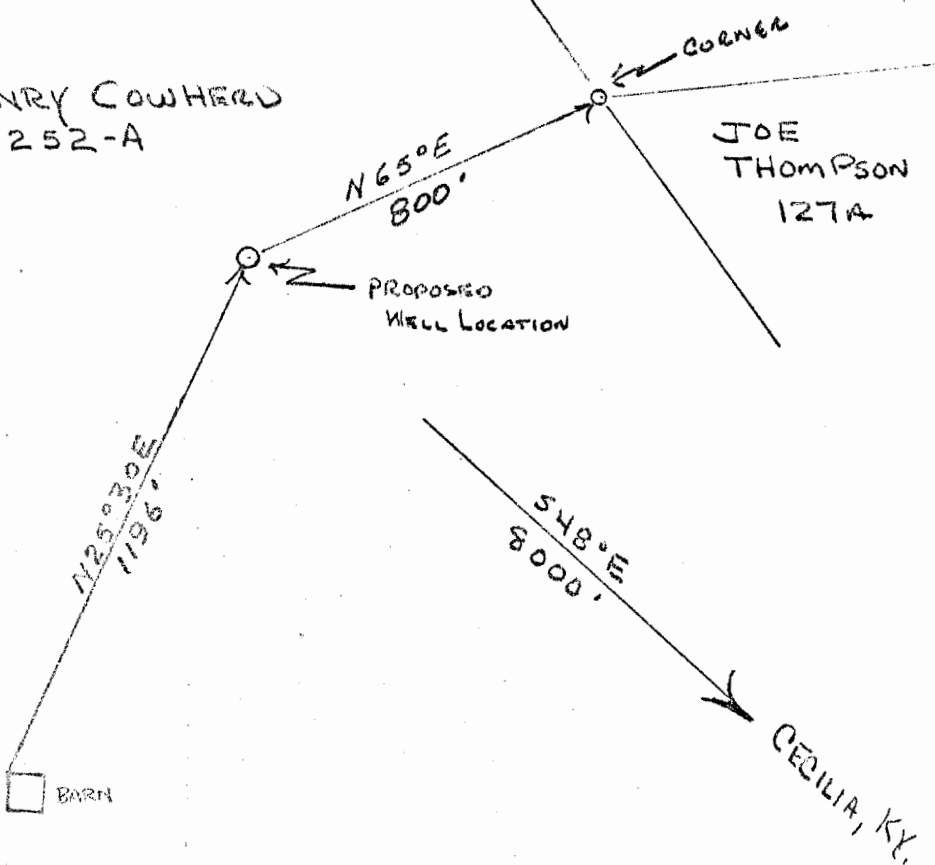
2017508001



HENRY COWHERD
252-A

M. McHATTON
102-A

JOE THOMPSON
127A

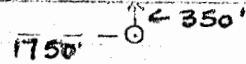


350' 3" NL
1750' 7" WL

Q. 25304

CARTER COORDINATE

SEC. 24 LETTER O NO. 43



OPERATOR CITY OF ELIZABETHTOWN
 ADDRESS CITY HALL E-TOWN, KY.
 FARM HENRY COWHERD
 WELL NO. # 3 ELEVATION 736'
 COUNTY HARDIN
 QUADRANGLE CECILIA
 I HEREBY CERTIFY THAT THE ABOVE PLAT IS
 ACCURATE TO THE BEST OF MY KNOWLEDGE & BELIEF.
 SURVEYOR ALBERT L. BRYANT
 ADDRESS 4809 MID-DENVER VALLEY RD KY
 KY REG. LAND SURVEYOR NO. 6227

DATE 10-29-71 SCALE 1"=400'



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF MINES AND MINERALS
OIL AND GAS DIVISION

P. O. Box 680
Lexington, Ky.

Rec'd
4/18/72

24-0-43

Permit No. 25304

Oil or Gas Well Gas
(Kind)

Company City of Elizabethtown
Address Elizabethtown, Ky.
Henry Farm Donald Cowherd Acres.....
Location (waters) 24-0-43
Well No. 3 Elev. 736
District..... County Hardin
Drilling Commenced Nov. 1, 1971
Drilling Completed Jan. 14, 1972
Name of Contractor Butler Pipelines
Address of Contractor Louisville, Ky.
Date Shot..... From..... To.....
With.....
Open flow /10ths Water in..... Inch
/10ths Merc. in..... Inch

Casing and Used in Left In Tubing
Drilling Well
Size..... Kind of Packer
16.....
13.....
10..... Size of.....
8 3/4.....
6 3/8..... Depth Set.....
5 3/16.....
3..... Perf. top.....
2..... Perf. bottom.....
Liners Used.....
Perf. top.....
Perf. bottom.....
Casing Cemented..... Size..... No. Ft..... Date.....

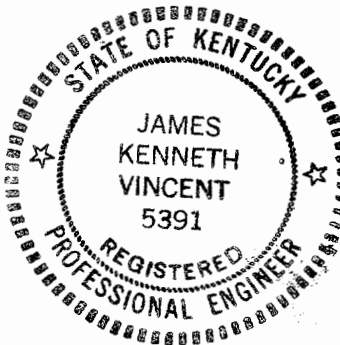
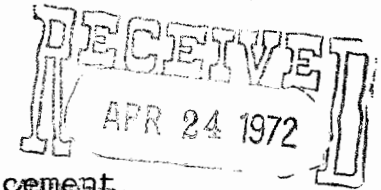
Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas & Coal or Water	Depth Found	Remarks
drift			0	45			
lime	brown		45	62			
lime	white		62	97			
lime	gray		97	156			
lime	white		156	189			
lime	brown		189	230			
lime	gray		230	325			
lime	gray	hard	300	325			
lime	gray	shaley	325	360			
lime & chert	gray		360	380			
lime	gray		380	390			
lime	white		390	465			
lime	gray		465	570			
lime	gray	hard	500	515			
lime	brown		570	575			
lime	gray & brown		575	595			
lime	gray		595	643			
mud			643	661			
shale & mud	blue		661	694			
mud			694	721			
mud	blue		721	731			
shale	black		731	777	(show of gas top shale)		
shale	black		777	803			
lime	cap rock		803	808			
lime	gray		808	820			
lime	gray & brown		820	831			
lime	gray		831	849			
lime			849	863	(gas 2709 MCFGD)		
TD			863				



CASING RECORD

10 3/4" @ 42'
8 5/8" @ 147'
5 1/2" @ 831'

not cemented
not cemented
circulated 190 sacks of cement



Date April 10, 1972

Approved City of Elizabethtown, Owner

By James K. Vincent agent
(Title)

APPENDIX H

Water Well Map

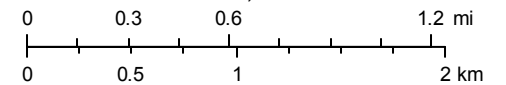
Kentucky Geologic Map Information Service



March 17, 2021

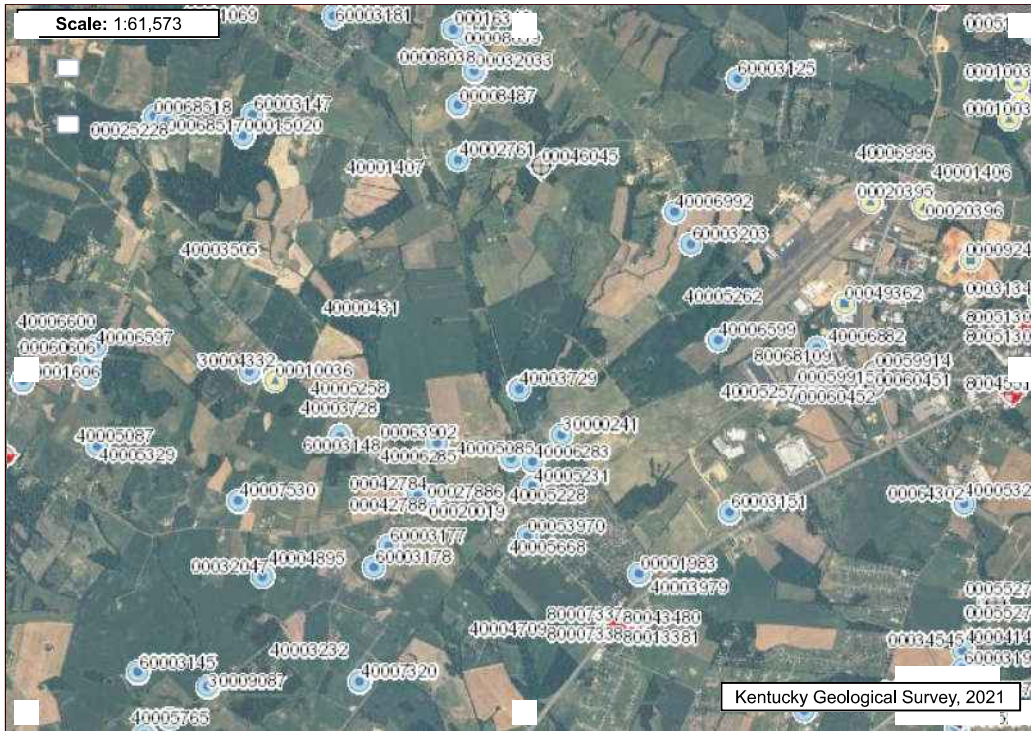
- | | | | | | | | | | |
|--|-------------------|--|-------------------|--|----------|--|-------------|--|------------|
| | Spring | | Gravity (Falling) | | spring | | Industrial | | Public |
| | Spring | | Seep | | Other | | Agriculture | | Mining |
| | Bluehole (Rising) | | Trickle | | Domestic | | Monitoring | | Geothermal |

1:36,112



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

author: Kentucky Geological Survey
copyright Kentucky Geological Survey



Map Info | Configuration
Tools

- USGS 100K Quadrangle Index
- KY Carter Coordinates Grid
- KY County
- Kentucky 5 Foot Digital Elevation Model (DEM) Tile Index
- Kentucky 5k Point Cloud Tile Index

Water Layers:

Water Wells

transparency

label: AKGWA Number

- Other
- Domestic
- Industrial
- Agriculture
- Monitoring
- Public
- Mining
- Geothermal

Springs

Sinkhole Outlines

Map Functionality:

- For best results, use the latest version of Internet Explorer, Firefox, or Google Chrome browsers.
- Click on a well or spring to identify feature.
- Double-click on a map location to identify coordinates.

Map Printing:

- For best results, use the latest version of Internet Explorer, Firefox, or Google Chrome browsers.
- Use the map printing tools (**under the "Tools" menu on the right**) to print the map to a printer or a pdf.
- This page is formatted to fit the map and the tables below on one page - use your browser functionality (or click the "Print This Page" button below) to print this page and the tables below.

NOTE: In older versions of Internet Explorer (8.0 and below), the topography or imagery may not print. You will need to either upgrade your browser, use a different browser (Firefox or Chrome), use the "print to pdf" tool, or use your computer's screen capture functionality.

Print This Page

Information about wells labeled on map above:

- [Tabular data of WATER WELLS in this view](#)
- [Tabular data of SPRINGS in this view](#)

For information about the KY Groundwater Data Repository:

[Sarah Arpin](#) (Kentucky Geological Survey)
Sarah.Arpin@uky.edu

Water wells and springs in the current view:

Well Table:

note: wells may overlap on the map. Some wells listed below may not be visible unless highly zoomed in.

**click AKGWA number for more info about a well

**depths and elevations are given in FEET

[minimize table below to show records in pages](#)

Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	00001983	Active	Domestic - Single Household	740	175	48	55	zoom to well
	00008038	Active	Domestic - Single Household	815	125	44	55	zoom to well
	00008039	Active	Domestic - Single Household	825	100	51	43	zoom to well
	00008048	Active	Domestic - Single Household	720	100	38	15	zoom to well
	00008487	Active	Domestic - Single Household	800	220	143	62	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	00009241	Active	Industrial - General	718	164	20	50	zoom to well
	00010034	Active	Agriculture - Irrigation	710	95	53	30	zoom to well
	00010036	Active	Agriculture - Livestock Watering	740	140	32	52	zoom to well
	00010038	Active	Agriculture - Irrigation	760	100	45	40	zoom to well
	00015020	Active	Domestic - Single Household	765	108	35	70	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	00016339	Active	Agriculture - Irrigation	740	80	43	35	zoom to well
	00016342	Active	Domestic - Single Household	830	215	203	110	zoom to well
	00020019	Active	Domestic - Single Household	705	150	47	24	zoom to well
	00020395	Active	Agriculture - Livestock Watering	740	65	0	25	zoom to well
	00020396	Active	Agriculture - Livestock Watering	720	93.3	0	28	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	00021120	Plugged		740	n/a	n/a	n/a	zoom to well
	00021121	Plugged		740	n/a	n/a	n/a	zoom to well
	00021122	Plugged		740	n/a	n/a	n/a	zoom to well
	00025228	Active	Public - Unregulated	750	100	0	0	zoom to well
	00027886	Active	Domestic - Single Household	715	150	9	25	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	00031349	Active	Industrial - General	700	145	30	37	zoom to well
	00032033	Active	Domestic - Single Household	810	150	48	40	zoom to well
	00032047	Active	Domestic - Single Household	750	77	43	29	zoom to well
	00034545	Active	Domestic - Single Household	680	200	30	70	zoom to well
	00042784	Active	Domestic - Single Household	710	80	0	0	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	00042788	Active	Domestic - Single Household	710	80	0	0	zoom to well
	00046045	Plugged		760	275	170	0	zoom to well
	00048883	Active	Domestic - Single Household	740	100	3.5	52	zoom to well
	00049362	Active	Industrial - General	755	175	59	42	zoom to well
	00051469	Active	Domestic - Single Household	790	200	30	20	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	00053970	Active	Domestic - Single Household	738	155	60	105	zoom to well
	00055276	Active	Public - Community	661	102	0	10	zoom to well
	00055277	Plugged	Public - Community	663	155	0	8	zoom to well
	00055278	Active		661	74.2	0	9.2	zoom to well
	00055279	Plugged		680	161.6	0	13.4	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	00055281	Plugged		661	74.2	0	9.2	zoom to well
	00059914	Plugged		725	n/a	n/a	n/a	zoom to well
	00059915	Plugged		725	n/a	n/a	n/a	zoom to well
	00060451	Plugged		725	n/a	n/a	n/a	zoom to well
	00060452	Plugged		725	n/a	n/a	n/a	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	00060606	Active	Domestic - Single Household	720	264	10	n/a	zoom to well
	00063902	Active	Domestic - Single Household	741	90	n/a	60	zoom to well
	00064302	Plugged	Domestic - Single Household	670	42	16	26	zoom to well
	00068517	Active	Domestic - Single Household	765	125	n/a	n/a	zoom to well
	00068518	Active	Domestic - Single Household	767	125	n/a	n/a	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	30000022	n/a	Domestic - Single Household	n/a	108	n/a	n/a	zoom to well
	30000241	n/a	Domestic - Single Household	n/a	100	n/a	n/a	zoom to well
	30001606	n/a	Domestic - Single Household	n/a	1	n/a	n/a	zoom to well
	30004332	n/a	Domestic - Single Household	n/a	100	n/a	n/a	zoom to well
	30008882	n/a	Domestic - Single Household	n/a	55	n/a	n/a	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	30009087	n/a	Domestic - Single Household	n/a	64	n/a	n/a	zoom to well
	40000431	n/a	UNKNOWN	736	n/a	n/a	n/a	zoom to well
	40001069	n/a	UNKNOWN	672	n/a	n/a	96.4	zoom to well
	40001406	n/a	UNKNOWN	731	n/a	n/a	n/a	zoom to well
	40001407	n/a	UNKNOWN	770	77	n/a	31.1	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40002761	n/a	Domestic - Single Household	755	n/a	n/a	13.7	zoom to well
	40003232	n/a	UNKNOWN	730	n/a	n/a	19	zoom to well
	40003446	n/a	UNKNOWN	710	90	n/a	15	zoom to well
	40003505	n/a	UNKNOWN	760	n/a	n/a	24.9	zoom to well
	40003728	n/a	UNKNOWN	755	n/a	n/a	41.4	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40003729	n/a	Domestic - Single Household	n/a	50	n/a	n/a	zoom to well
	40003979	n/a	UNKNOWN	710	n/a	n/a	18.2	zoom to well

	40004142	n/a	UNKNOWN	680	n/a	n/a	20.6	zoom to well
	40004709	n/a	UNKNOWN	690	n/a	n/a	18.5	zoom to well
	40004895	n/a	UNKNOWN	750	n/a	n/a	47.7	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40004990	n/a	Domestic - Single Household	750	n/a	n/a	63.1	zoom to well
	40005085	n/a	Domestic - Single Household	710	n/a	n/a	n/a	zoom to well
	40005087	n/a	UNKNOWN	725	n/a	n/a	31.2	zoom to well
	40005228	n/a	UNKNOWN	710	61	n/a	n/a	zoom to well
	40005231	n/a	Domestic - Single Household	710	56	n/a	18	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40005257	n/a	UNKNOWN	738	n/a	n/a	44	zoom to well
	40005258	n/a	UNKNOWN	765	n/a	n/a	38.8	zoom to well
	40005262	n/a	UNKNOWN	762	n/a	n/a	63	zoom to well
	40005322	n/a	UNKNOWN	690	n/a	n/a	n/a	zoom to well
	40005328	n/a	UNKNOWN	750	n/a	n/a	n/a	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40005329	n/a	Domestic - Single Household	737	127	n/a	31.2	zoom to well
	40005668	n/a	UNKNOWN	710	80	n/a	n/a	zoom to well
	40005674	n/a	UNKNOWN	710	n/a	n/a	n/a	zoom to well
	40005765	n/a	UNKNOWN	730	n/a	n/a	39	zoom to well
	40005841	n/a	UNKNOWN	710	n/a	n/a	13.8	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40006279	n/a	UNKNOWN	750	n/a	n/a	32.4	zoom to well
	40006283	n/a	Domestic - Single Household	715	37	n/a	n/a	zoom to well
	40006285	n/a	UNKNOWN	706	n/a	n/a	n/a	zoom to well
	40006523	n/a	UNKNOWN	750	n/a	n/a	n/a	zoom to well
	40006597	n/a	Domestic - Single Household	710	n/a	n/a	n/a	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40006599	n/a	Domestic - Single Household	750	n/a	n/a	49.2	zoom to well
	40006600	n/a	UNKNOWN	750	n/a	n/a	28	zoom to well
	40006882	n/a	UNKNOWN	762	n/a	n/a	n/a	zoom to well
	40006992	n/a	Domestic - Single Household	819	n/a	n/a	72.9	zoom to well
	40006996	n/a	UNKNOWN	740	71	n/a	31.2	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40007320	n/a	Domestic - Single Household	730	n/a	n/a	28.3	zoom to well
	40007530	n/a	Domestic - Single Household	n/a	n/a	n/a	15.1	zoom to well
	50000318	n/a		670	100	n/a	n/a	zoom to well
	60003125	n/a	Domestic - Single Household	n/a	n/a	n/a	n/a	zoom to well
	60003145	n/a	Domestic - Single Household	n/a	n/a	n/a	n/a	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	60003147	n/a	Domestic - Single Household	n/a	n/a	n/a	n/a	zoom to well
	60003148	n/a	Domestic - Single Household	n/a	n/a	n/a	n/a	zoom to well
	60003151	n/a	Domestic - Single Household	n/a	n/a	n/a	n/a	zoom to well
	60003177	n/a	Domestic - Single Household	n/a	n/a	n/a	n/a	zoom to well
	60003178	n/a	Domestic - Single Household	n/a	n/a	60	n/a	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	60003181	n/a	Domestic - Single Household	n/a	n/a	40	n/a	zoom to well
	60003198	n/a	Domestic - Single Household	n/a	n/a	15	n/a	zoom to well
	60003203	n/a	Domestic - Single Household	n/a	n/a	30	n/a	zoom to well
	80007337	Active	Monitoring Well - Ambient Monitoring	740	37	0	35	zoom to well
	80007338	Active	Monitoring Well - Ambient Monitoring	724	53.5	53.5	24.5	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	80007339	Active	Monitoring Well - Ambient Monitoring	740	44.5	44.5	32	zoom to well
	80007340	Active	Monitoring Well - Ambient Monitoring	740	44.5	44.5	0	zoom to well
	80013380	Active	Monitoring Well - Ambient Monitoring	732.2	44	44	24.48	zoom to well

	80013381	Active	Monitoring Well - Ambient Monitoring	727.8	0	0	0	zoom to well
	80013382	Active	Monitoring Well - Ambient Monitoring	725.5	40	0	12.48	zoom to well






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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	80025323	Plugged	Monitoring Well - Ambient Monitoring	720	81	3	26	zoom to well
	80025324	Plugged	Monitoring Well - Ambient Monitoring	720	81	2.5	25.5	zoom to well
	80025325	Plugged	Monitoring Well - Ambient Monitoring	720	81	8.5	24	zoom to well
	80025326	Plugged	Monitoring Well - Ambient Monitoring	720	122	8.5	25	zoom to well
	80025327	Plugged	Monitoring Well - Ambient Monitoring	720	0	0	0	zoom to well






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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	80025328	Plugged	Monitoring Well - Ambient Monitoring	720	0	0	0	zoom to well
	80025329	Plugged	Monitoring Well - Ambient Monitoring	720	95	4	22	zoom to well
	80025330	Plugged	Remediation	720	55	13	6	zoom to well
	80043480	Active	Monitoring Well - Ambient Monitoring	732	45.25	0	0	zoom to well
	80045513	Plugged	Monitoring Well - Ambient Monitoring	740	40	0	27.07	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	80051301	Active	Monitoring Well - Ambient Monitoring	685	76	33	33	zoom to well
	80051302	Active	Monitoring Well - Ambient Monitoring	685	34	32	n/a	zoom to well
	80061209	Active	Remediation	740.6	27.5	26.5	n/a	zoom to well
	80065758	Active	Monitoring Well - Ambient Monitoring	738.6	42	42	32	zoom to well
	80065759	Active	Monitoring Well - Ambient Monitoring	735.9	45	45	30	zoom to well

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Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	80068108	Plugged	Monitoring Well - Compliance	721	51	36	42.32	zoom to well
	80068109	Plugged	Monitoring Well - Compliance	729	51	36	46.56	zoom to well
	80068432	Active	Monitoring Well - Ambient Monitoring	735.9	36	n/a	n/a	zoom to well
	80068800	Active	Monitoring Well - Ambient Monitoring	736.5	40.5	n/a	15.3	zoom to well
	80070231	Active	Monitoring Well - Ambient Monitoring	740.8	40.5	n/a	17.8	zoom to well






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Spring Table:

note: springs may overlap on the map. Some springs listed below may not be visible unless highly zoomed in.

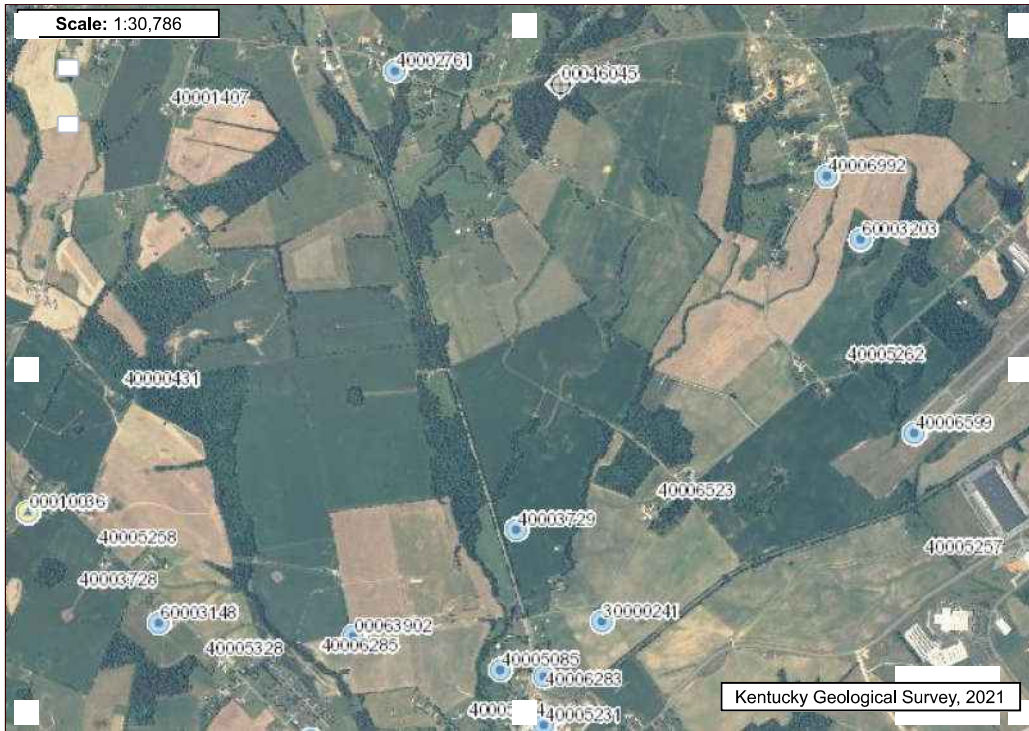
**click AKGWA number for more info about a spring

[show all records \(7\) below on the same page](#)

Symbol	AKGWA #	Primary Use	Spring Name	Spring Type	Flow Type	Zoom
	40000649	n/a	STARK'S SPRING	Bluehole (Rising)	n/a	zoom to spring
	70000024	n/a	DYERS SPRING	Bluehole (Rising)	n/a	zoom to spring
	70000027	n/a	UNUSED SPRING	n/a	n/a	zoom to spring
	70000409	n/a	BLUE SPRING	n/a	n/a	zoom to spring
	90001137	Public - Community	Dyers Spring aka Gaithers Station Spring - Elizabethtown Water Dept	Bluehole (Rising)	Perennial	zoom to spring

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[Next Page --->](#)



Map Info | Configuration **Tools**

USGS 100K Quadrangle Index

KY Carter Coordinates Grid

KY County

Kentucky 5 Foot Digital Elevation Model (DEM) Tile Index

Kentucky 5k Point Cloud Tile Index

Water Layers:

Water Wells

transparency

label: AKGWA Number

Other

Domestic

Industrial

Agriculture

Monitoring

Public

Mining

Geothermal

Springs

Sinkhole Outlines

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Map Printing:

- For best results, use the latest version of Internet Explorer, Firefox, or Google Chrome browsers.
- Use the map printing tools (**under the "Tools" menu on the right**) to print the map to a printer or a pdf.
- This page is formatted to fit the map and the tables below on one page - use your browser functionality (or click the "Print This Page" button below) to print this page and the tables below.

NOTE: In older versions of Internet Explorer (8.0 and below), the topography or imagery may not print. You will need to either upgrade your browser, use a different browser (Firefox or Chrome), use the "print to pdf" tool, or use your computer's screen capture functionality.

Print This Page

Information about wells labeled on map above:

- [Tabular data of WATER WELLS in this view](#)
- [Tabular data of SPRINGS in this view](#)

For information about the KY Groundwater Data Repository:

[Sarah Arpin](#) (Kentucky Geological Survey)
Sarah.Arpin@uky.edu

Water wells and springs in the current view:

Well Table:

note: wells may overlap on the map. Some wells listed below may not be visible unless highly zoomed in.

**click AKGWA number for more info about a well

**depths and elevations are given in FEET

[minimize table below to show records in pages](#)






Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	00010036	Active	Agriculture - Livestock Watering	740	140	32	52	zoom to well
	00046045	Plugged		760	275	170	0	zoom to well
	00063902	Active	Domestic - Single Household	741	90	n/a	60	zoom to well
	30000241	n/a	Domestic - Single Household	n/a	100	n/a	n/a	zoom to well
	40000431	n/a	UNKNOWN	736	n/a	n/a	n/a	zoom to well

Page 1/5





Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40001407	n/a	UNKNOWN	770	77	n/a	31.1	zoom to well
	40002761	n/a	Domestic - Single Household	755	n/a	n/a	13.7	zoom to well
	40003446	n/a	UNKNOWN	710	90	n/a	15	zoom to well
	40003728	n/a	UNKNOWN	755	n/a	n/a	41.4	zoom to well
	40003729	n/a	Domestic - Single Household	n/a	50	n/a	n/a	zoom to well

Page 2/5

Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40005085	n/a	Domestic - Single Household	710	n/a	n/a	n/a	zoom to well
	40005231	n/a	Domestic - Single Household	710	56	n/a	18	zoom to well
	40005257	n/a	UNKNOWN	738	n/a	n/a	44	zoom to well
	40005258	n/a	UNKNOWN	765	n/a	n/a	38.8	zoom to well
	40005262	n/a	UNKNOWN	762	n/a	n/a	63	zoom to well

Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40005328	n/a	UNKNOWN	750	n/a	n/a	n/a	zoom to well
	40005674	n/a	UNKNOWN	710	n/a	n/a	n/a	zoom to well
	40006283	n/a	Domestic - Single Household	715	37	n/a	n/a	zoom to well
	40006285	n/a	UNKNOWN	706	n/a	n/a	n/a	zoom to well
	40006523	n/a	UNKNOWN	750	n/a	n/a	n/a	zoom to well

Page 4/5

Symbol	AKGWA #	Status	Primary Use	Elevation	Depth	Bedrock Depth	H ₂ O Depth	Zoom
	40006599	n/a	Domestic - Single Household	750	n/a	n/a	49.2	zoom to well
	40006992	n/a	Domestic - Single Household	819	n/a	n/a	72.9	zoom to well
	60003148	n/a	Domestic - Single Household	n/a	n/a	n/a	n/a	zoom to well
	60003203	n/a	Domestic - Single Household	n/a	n/a	30	n/a	zoom to well

Page 5/5

Spring Table:

note: springs may overlap on the map. Some springs listed below may not be visible unless highly zoomed in.

****no springs found in map area**

APPENDIX I

Environmental Database Report

Telesto Solar Property
Hardin County, Kentucky
Hardin County, KY 42701

Inquiry Number: 6370302.5s
February 19, 2021

EDR Area / Corridor Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Government Records Searched/Data Currency Tracking	GR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

STANDARD ENVIRONMENTAL RECORDS

Federal ERNS list

ERNS: Emergency Response Notification System

A review of the ERNS list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 ERNS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
Not reported NRC Report #: 846449 Incident Date Time: 2007-08-17 20:00:00	308 WIMP LANE	B4 / 10	32

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

SPILLS: State spills

A review of the SPILLS list, as provided by EDR, and dated 09/18/2020 has revealed that there are 3 SPILLS sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
Not reported		1 / 6	30

EXECUTIVE SUMMARY

Facility Status: Env. Closed Inc ID: 2263461		
Not reported Facility Status: Env. Closed Inc ID: 2346194	C6 / 10	32
Not reported Facility Status: Env. Closed Inc ID: 2348720	C7 / 10	33

Other Ascertainable Records

FINDS: Facility Index System/Facility Registry System

A review of the FINDS list, as provided by EDR, and dated 11/04/2020 has revealed that there is 1 FINDS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
CAROLYN WIMP RESIDEN Registry ID:: 110045262023	308 WIMP LN	B5 / 10	32

NPDES: Permitted Facility Listing

A review of the NPDES list, as provided by EDR, and dated 10/26/2020 has revealed that there are 2 NPDES sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
NEW MANUFACTURING FA Facility Status: Terminated KY DES #: KYR10I103	N BLACK BRANCH RD	A2 / 7	30
NEW MANUFACTURING FA Facility Status: Terminated KY DES #: KYR10J320	N BLACK BRANCH RD	A3 / 7	31

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

SHWS: State Leads List

A review of the SHWS list, as provided by EDR, and dated 02/09/2021 has revealed that there are 3 SHWS sites within approximately 1 mile of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
SAINT JOHN CATHOLIC Facility Id: 160754 Facility Status: Closed	657 ST JOHN CHURCH R	N 1/2 - 1 (0.668 mi.)	10 / 2	40
METALSA LINE #6 EXPA Facility Id: 5199 Facility Status: Closed	750 N BLACK BRANCH R	NE 1/2 - 1 (0.862 mi.)	11 / 8	41
AKEBONO BRAKE CORP Facility Id: 1645 Facility Status: Closed	200 RING ROAD	SE 1/2 - 1 (0.949 mi.)	12 / 8	51

State and tribal registered storage tank lists

UST: Underground Storage Tank Database

A review of the UST list, as provided by EDR, and dated 09/30/2020 has revealed that there is 1 UST site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
CECILIA FARM SERVICE Tank Status: TRM Facility Id: 67534	ROBINSON ST	ESE 1/8 - 1/4 (0.240 mi.)	9 / 10	39

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the requested target property.

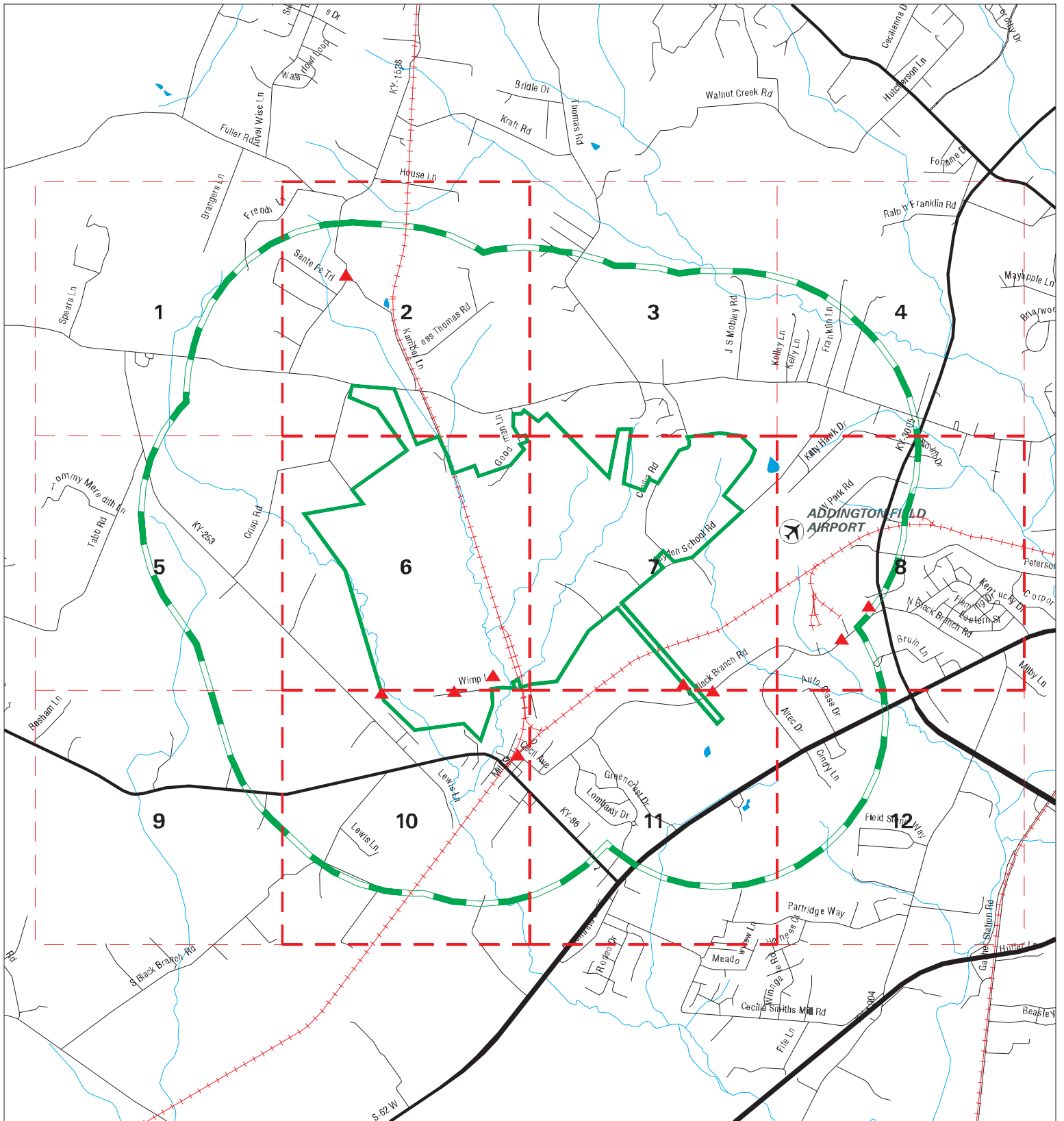
<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
FLEX FILM(USA) , IN EPA ID:: KYR000056184	1221 NORTH BLACK BRA	NE 0 - 1/8 (0.066 mi.)	8 / 11	34

MAPPED SITES SUMMARY

Target Property:
 HARDIN COUNTY, KENTUCKY
 HARDIN COUNTY, KY 42701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 6			SPILLS	TP
A2 / 7	NEW MANUFACTURING FA	N BLACK BRANCH RD	NPDES	TP
A3 / 7	NEW MANUFACTURING FA	N BLACK BRANCH RD	NPDES	TP
B4 / 10		308 WIMP LANE	ERNS	TP
B5 / 10	CAROLYN WIMP RESIDEN	308 WIMP LN	FINDS	TP
C6 / 10			SPILLS	TP
C7 / 10			SPILLS	TP
8 / 11	FLEX FILM(USA) , IN	1221 NORTH BLACK BRA	RCRA NonGen / NLR	348 0.066 NE
9 / 10	CECILIA FARM SERVICE	ROBINSON ST	UST	1267 0.240 ESE
10 / 2	SAINT JOHN CATHOLIC	657 ST JOHN CHURCH R	SHWS	3529 0.668 North
11 / 8	METALSA LINE #6 EXPA	750 N BLACK BRANCH R	SHWS, SPILLS, AIRS, NPDES	4549 0.862 NE
12 / 8	AKEBONO BRAKE CORP	200 RING ROAD	SHWS	5010 0.949 SE

Key Map - 6370302.5s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- Focus Map - Sites
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
CITY/STATE: Hardin County KY
ZIP: 42701

CLIENT: Hull & Associates, Inc.
CONTACT: Amanda K. Green
INQUIRY #: 6370302.5s
DATE: 02/19/21 10:49 AM

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP	1	NR	NR	NR	NR	NR	1
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	3	NR	3
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
PSTEAF	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
SB193	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP	3	NR	NR	NR	NR	NR	3
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
NPDES	TP	2	NR	NR	NR	NR	NR	2
UIC	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
---------	----	--	----	----	----	----	----	---

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		7	1	1	0	3	0	12

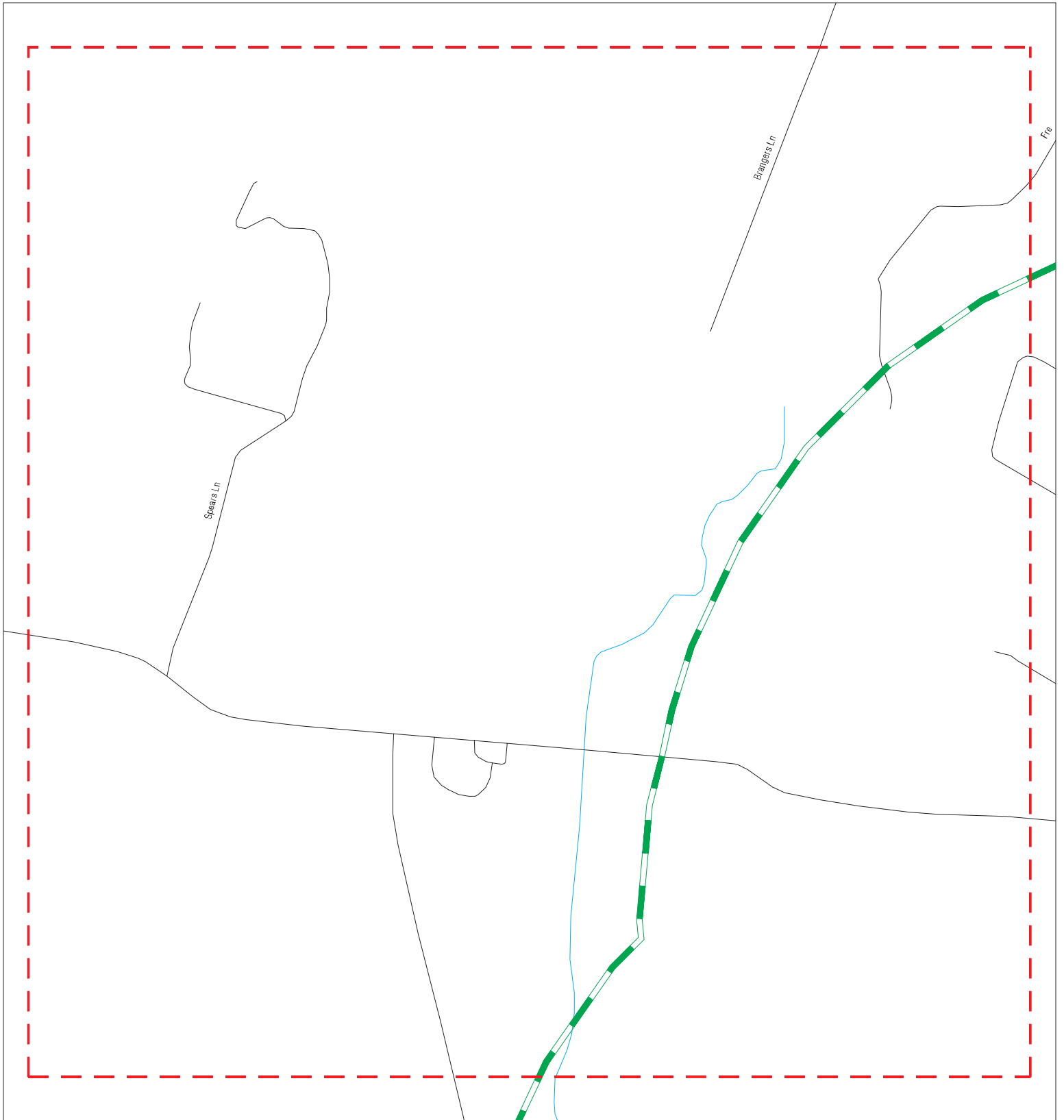
NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 6370302.5s



- | | | | |
|--|--|--|---|
|  Sites |  Focus Map - Sites |  Indian Reservations BIA |  |
|  Target Property |  Power Line |  National Priority List Sites | |
|  Search Buffer |  Focus Map - No Sites |  Dept. Defense Sites | |
| | | | |

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
CITY/STATE: Hardin County KY
ZIP: 42701

CLIENT: Hull & Associates, Inc.
CONTACT: Amanda K. Green
INQUIRY #: 6370302.5s
DATE: 02/19/21

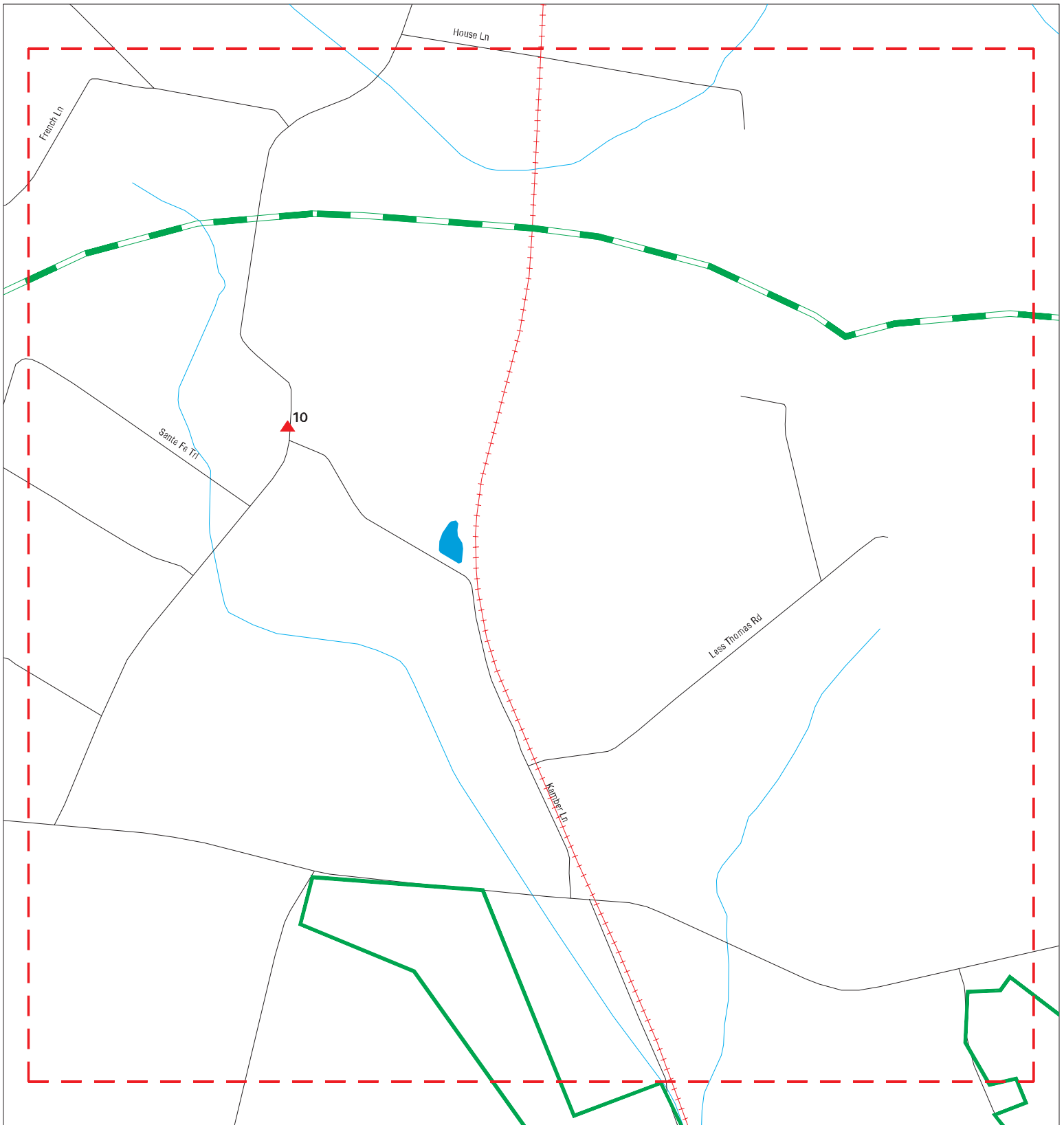
MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 2 - 6370302.5s



- | | | | |
|---|--|---|---|
|  Sites |  Focus Map - Sites |  Indian Reservations BIA |  |
|  Target Property |  Power Line | | |
|  Search Buffer |  National Priority List Sites | | |
|  Focus Map - No Sites |  Dept. Defense Sites | | |

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
CITY/STATE: Hardin County KY
ZIP: 42701

CLIENT: Hull & Associates, Inc.
CONTACT: Amanda K. Green
INQUIRY #: 6370302.5s
DATE: 02/19/21

MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
10 / 2	SAINT JOHN CATHOLIC	657 ST JOHN CHURCH R	SHWS	3529 0.668 North

Focus Map - 3 - 6370302.5s



- | | | | | | | |
|---|----------------------|---|---------------------|---|------------------------------|---|
|  | Sites |  | Focus Map - Sites |  | Indian Reservations BIA |  |
|  | Target Property |  | Power Line |  | National Priority List Sites | |
|  | Search Buffer |  | Dept. Defense Sites | | | |
|  | Focus Map - No Sites | | | | | |

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
CITY/STATE: Hardin County KY
ZIP: 42701

CLIENT: Hull & Associates, Inc.
CONTACT: Amanda K. Green
INQUIRY #: 6370302.5s
DATE: 02/19/21

MAPPED SITES SUMMARY - FOCUS MAP 3

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 4 - 6370302.5s



- | | | | | | |
|--|--|---|---|-----|-----------|
|  Sites |  Focus Map - Sites |  Indian Reservations BIA | 0 | 1/8 | 1/4 Miles |
|  Target Property |  Power Line | |  | | |
|  Search Buffer |  National Priority List Sites | | | | |
|  Focus Map - No Sites |  Dept. Defense Sites | | | | |

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
CITY/STATE: Hardin County KY
ZIP: 42701

CLIENT: Hull & Associates, Inc.
CONTACT: Amanda K. Green
INQUIRY #: 6370302.5s
DATE: 02/19/21

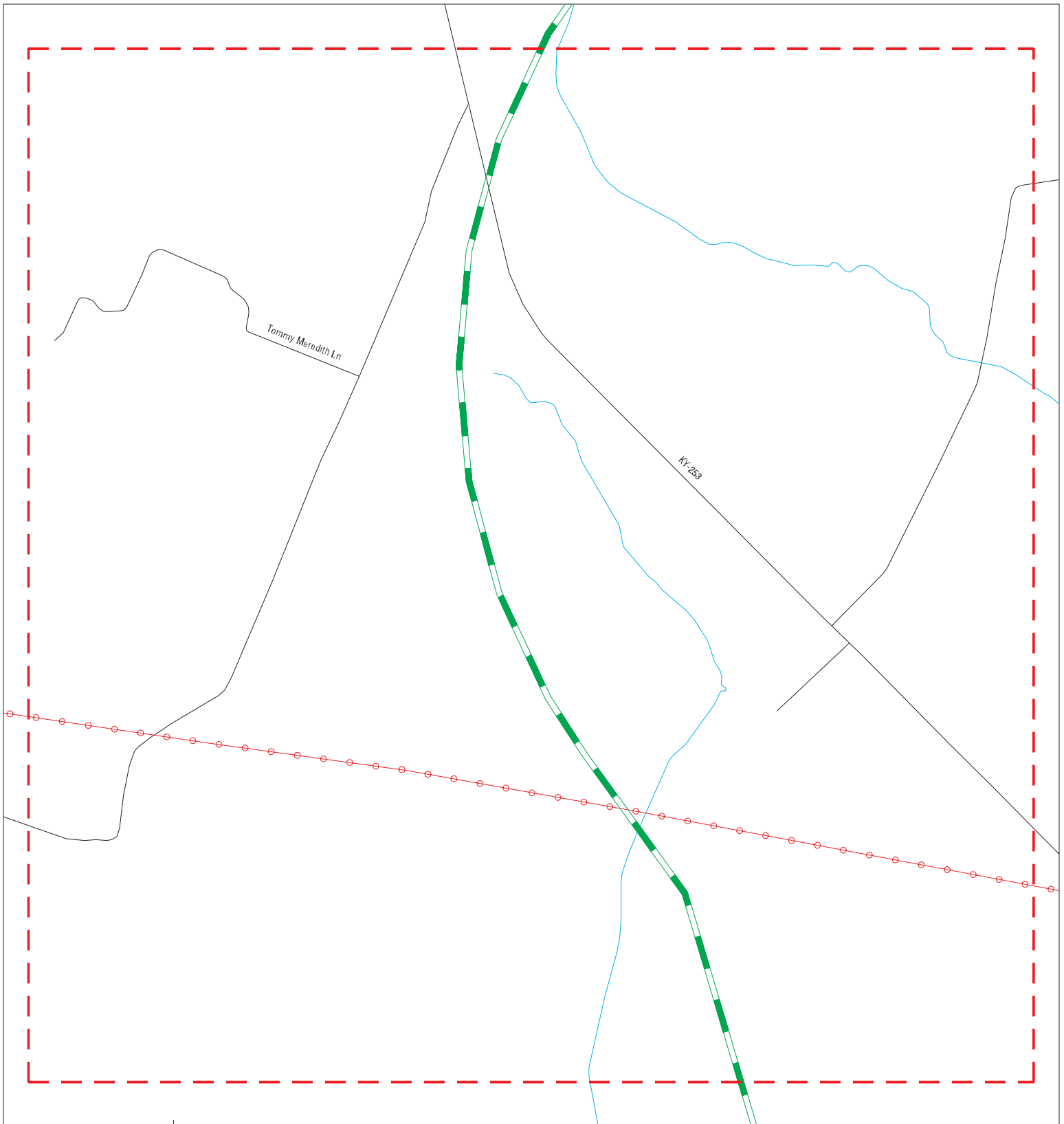
MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 5 - 6370302.5s



- | | | | | | |
|---|--|---|---|-----|-----------|
|  Sites |  Focus Map - Sites |  Indian Reservations BIA | 0 | 1/8 | 1/4 Miles |
|  Target Property |  Power Line | |  | | |
|  Search Buffer |  National Priority List Sites | | | | |
|  Focus Map - No Sites |  Dept. Defense Sites | | | | |

SITE NAME: Telesto Solar Property
 ADDRESS: Hardin County, Kentucky
 CITY/STATE: Hardin County KY
 ZIP: 42701

CLIENT: Hull & Associates, Inc.
 CONTACT: Amanda K. Green
 INQUIRY #: 6370302.5s
 DATE: 02/19/21

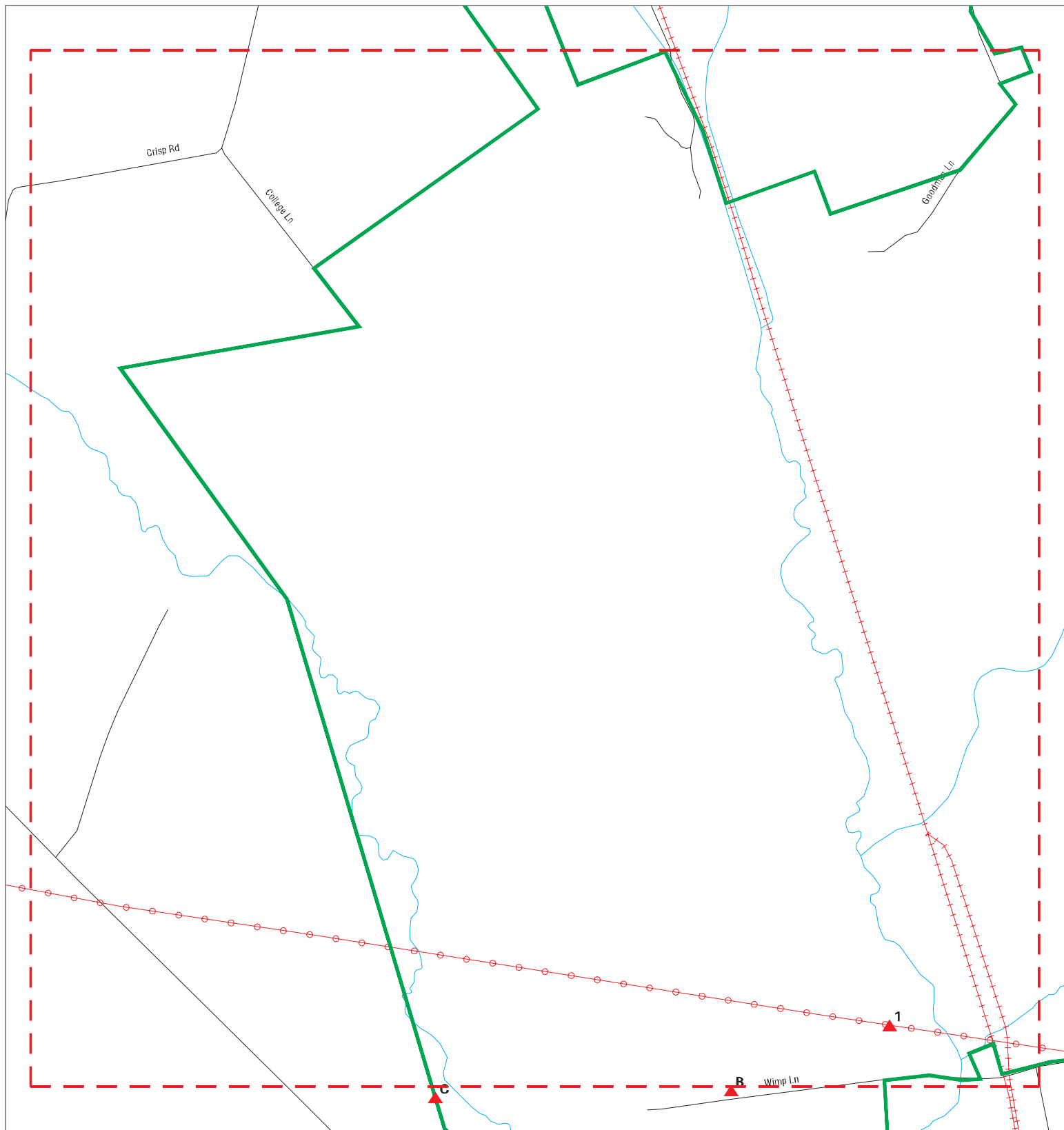
MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

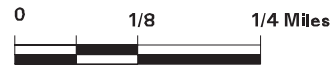
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 6 - 6370302.5s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- ▬ Indian Reservations BIA



SITE NAME: Telesto Solar Property
 ADDRESS: Hardin County, Kentucky
 CITY/STATE: Hardin County KY
 ZIP: 42701

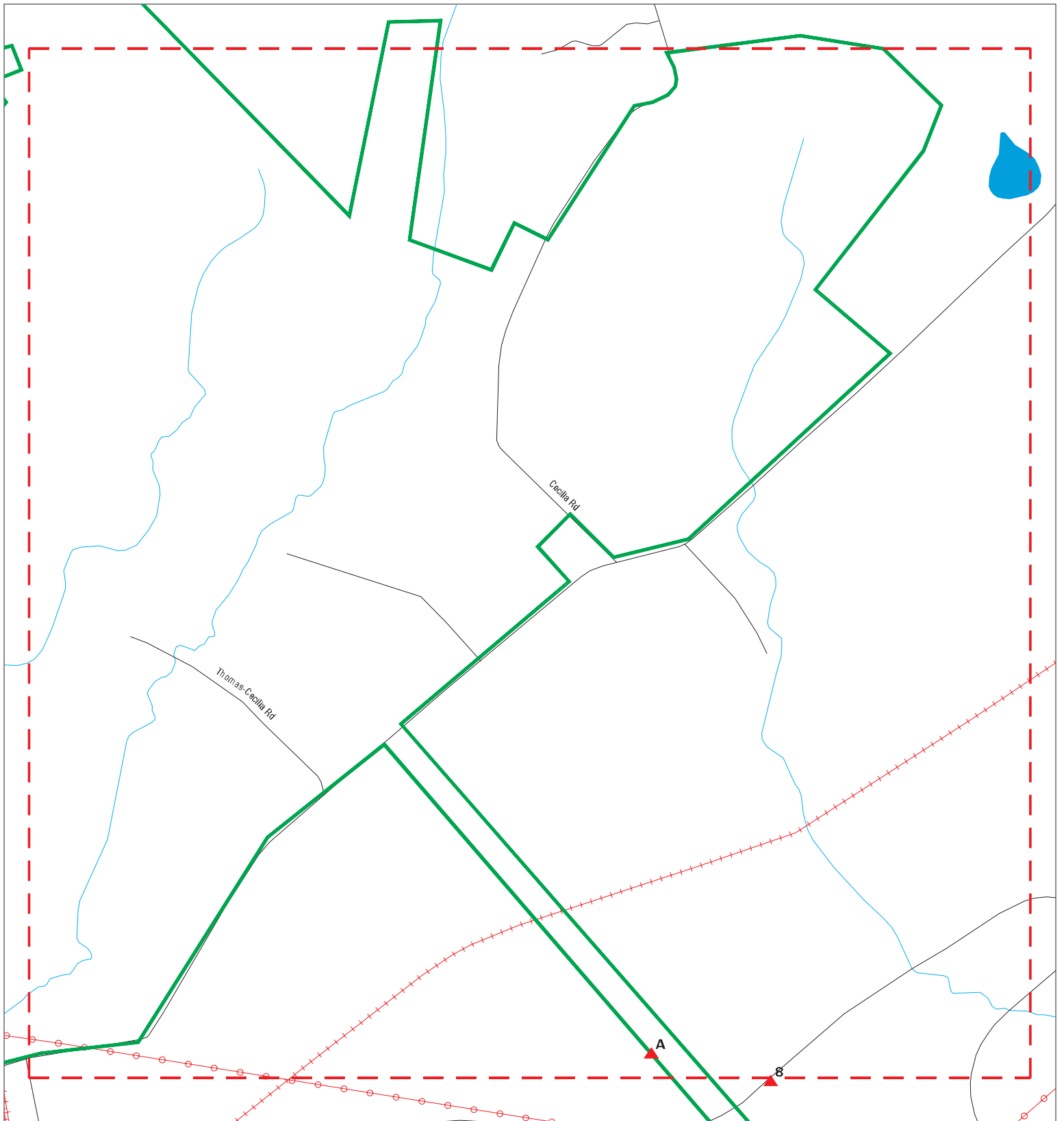
CLIENT: Hull & Associates, Inc.
 CONTACT: Amanda K. Green
 INQUIRY #: 6370302.5s
 DATE: 02/19/21

MAPPED SITES SUMMARY - FOCUS MAP 6

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS SPILLS	DIST (ft. & mi.) DIRECTION TP
-----------------------	-----------	---------	-----------------------------	-------------------------------------

Focus Map - 7 - 6370302.5s



- ▲ Sites
- ▲ Target Property
- ▲ Search Buffer
- ▲ Focus Map - No Sites
- ▲ Focus Map - Sites
- ▲ Power Line
- ▲ National Priority List Sites
- ▲ Dept. Defense Sites
- ▲ Indian Reservations BIA



SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
CITY/STATE: Hardin County KY
ZIP: 42701

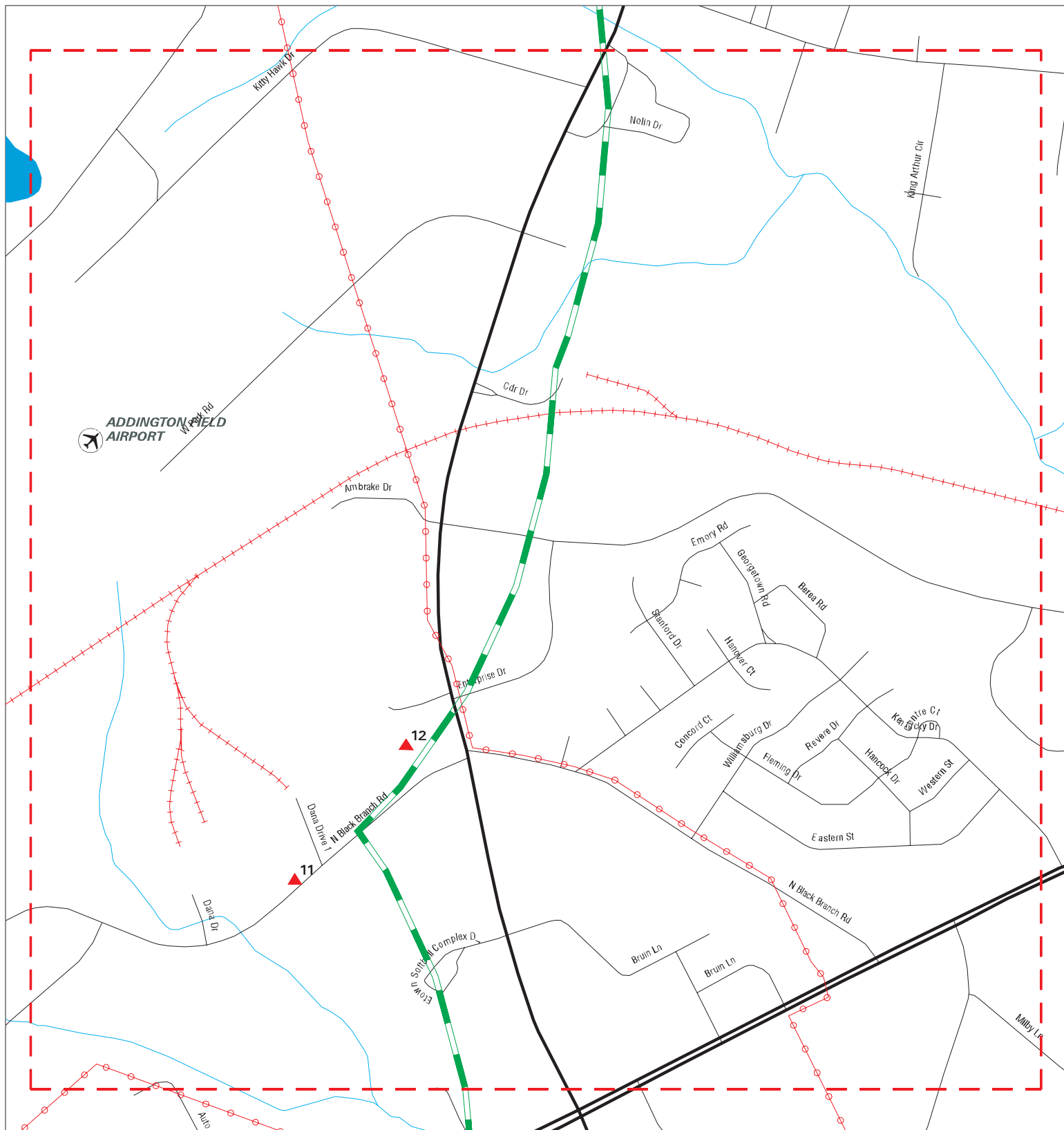
CLIENT: Hull & Associates, Inc.
CONTACT: Amanda K. Green
INQUIRY #: 6370302.5s
DATE: 02/19/21

MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
A2 / 7	NEW MANUFACTURING FA	N BLACK BRANCH RD	NPDES	TP
A3 / 7	NEW MANUFACTURING FA	N BLACK BRANCH RD	NPDES	TP

Focus Map - 8 - 6370302.5s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ⚡ Power Line
- ▨ National Priority List Sites
- ▨ Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
CITY/STATE: Hardin County KY
ZIP: 42701

CLIENT: Hull & Associates, Inc.
CONTACT: Amanda K. Green
INQUIRY #: 6370302.5s
DATE: 02/19/21

MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
11 / 8	METALSA LINE #6 EXPA	750 N BLACK BRANCH R	SHWS, SPILLS, AIRS, NPDES	4549 0.862 NE
12 / 8	AKEBONO BRAKE CORP	200 RING ROAD	SHWS	5010 0.949 SE

Focus Map - 9 - 6370302.5s



- | | | | |
|---|---|--|---|
|  Sites |  Focus Map - Sites |  Indian Reservations BIA |  |
|  Target Property |  Power Line |  National Priority List Sites | |
|  Search Buffer |  Dept. Defense Sites | | |
|  Focus Map - No Sites | | | |

SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
CITY/STATE: Hardin County KY
ZIP: 42701

CLIENT: Hull & Associates, Inc.
CONTACT: Amanda K. Green
INQUIRY #: 6370302.5s
DATE: 02/19/21

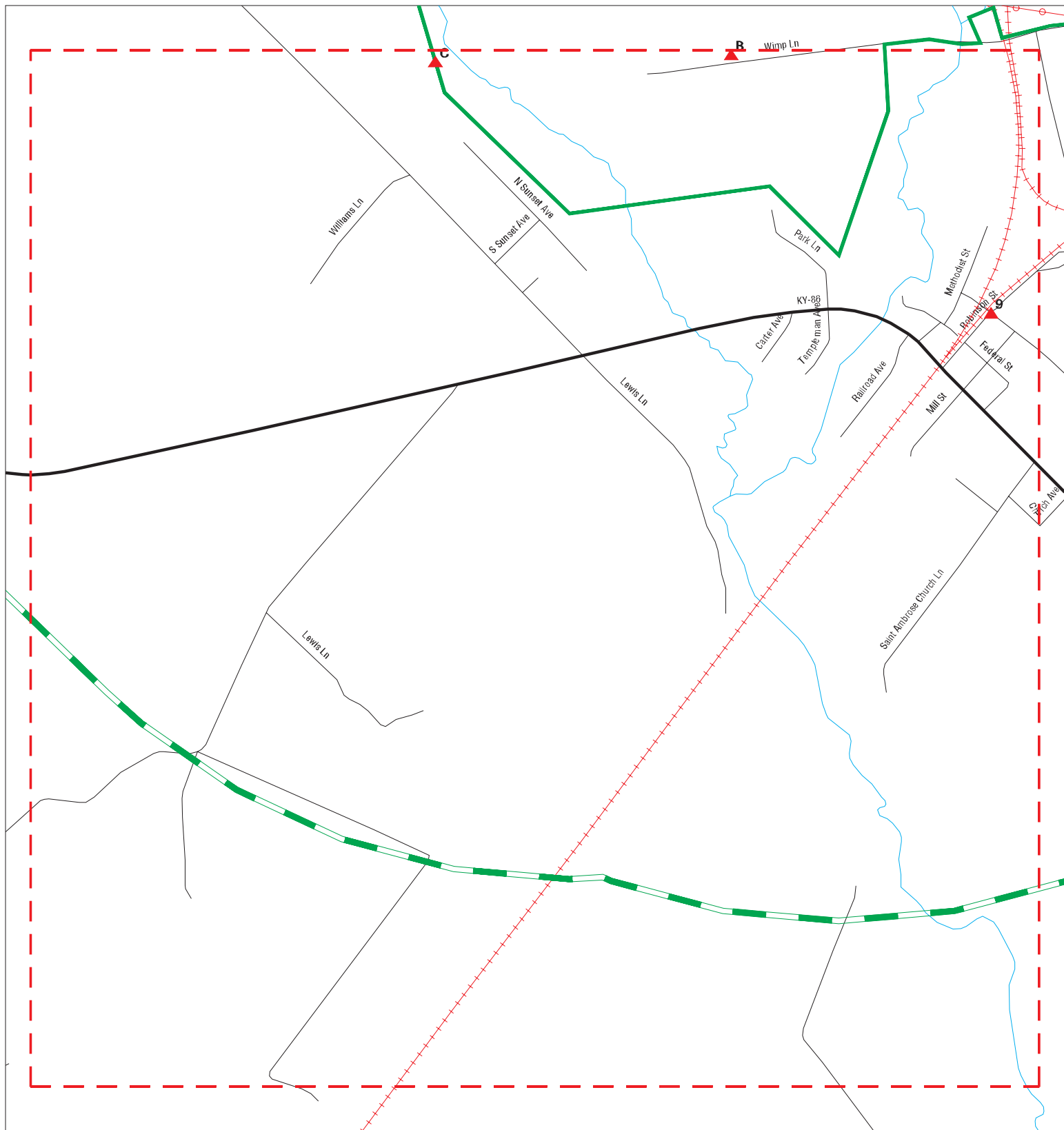
MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

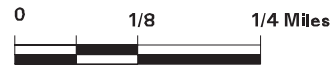
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Focus Map - 10 - 6370302.5s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ⚡ Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
CITY/STATE: Hardin County KY
ZIP: 42701

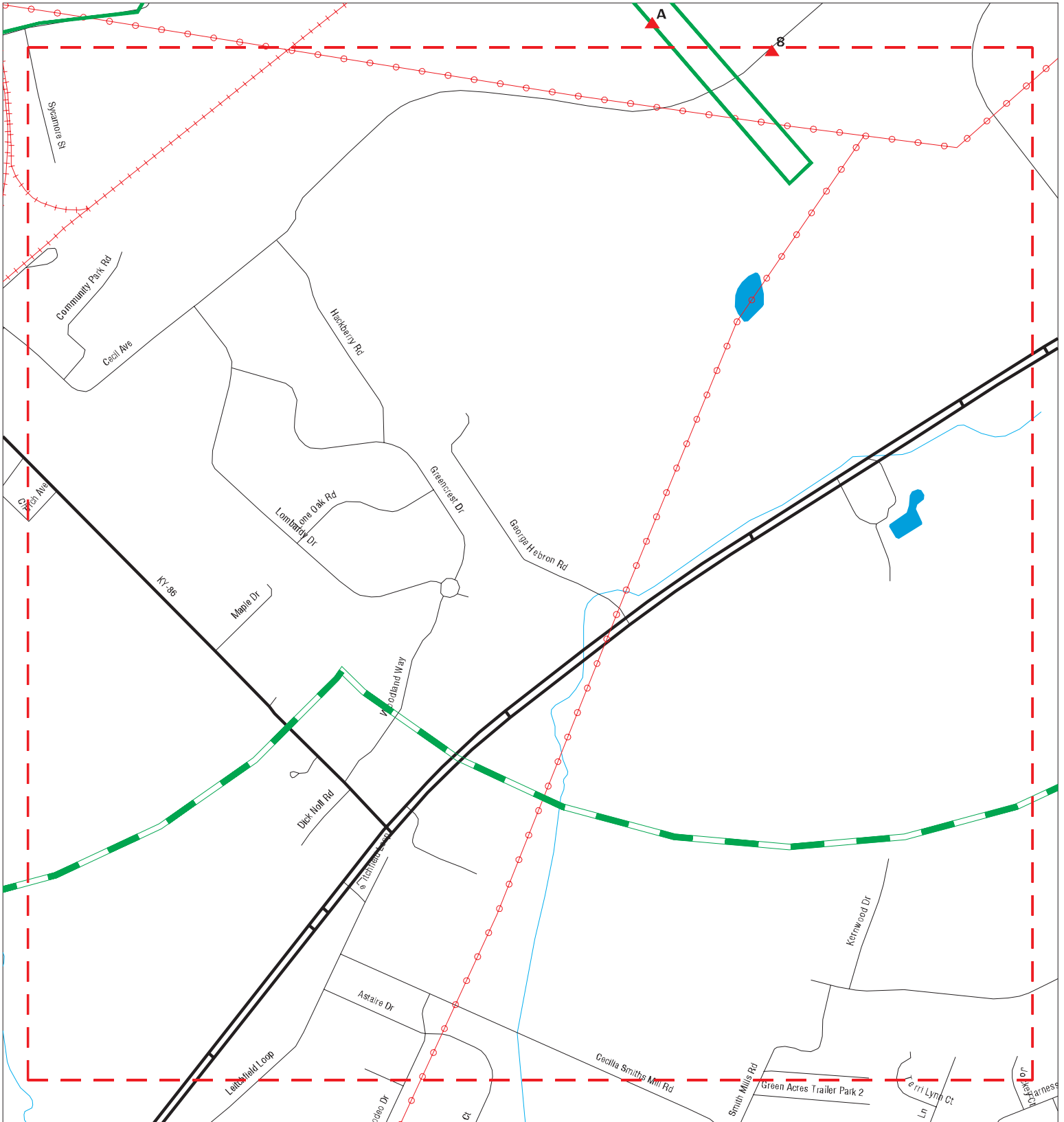
CLIENT: Hull & Associates, Inc.
CONTACT: Amanda K. Green
INQUIRY #: 6370302.5s
DATE: 02/19/21

MAPPED SITES SUMMARY - FOCUS MAP 10

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
B4 / 10		308 WIMP LANE	ERNS	TP
B5 / 10	CAROLYN WIMP RESIDEN	308 WIMP LN	FINDS	TP
C6 / 10			SPILLS	TP
C7 / 10			SPILLS	TP
9 / 10	CECILIA FARM SERVICE	ROBINSON ST	UST	1267 0.240 ESE

Focus Map - 11 - 6370302.5s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- Power Line
- ▨ National Priority List Sites
- ▧ Dept. Defense Sites
- ▨ Indian Reservations BIA



SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
CITY/STATE: Hardin County KY
ZIP: 42701

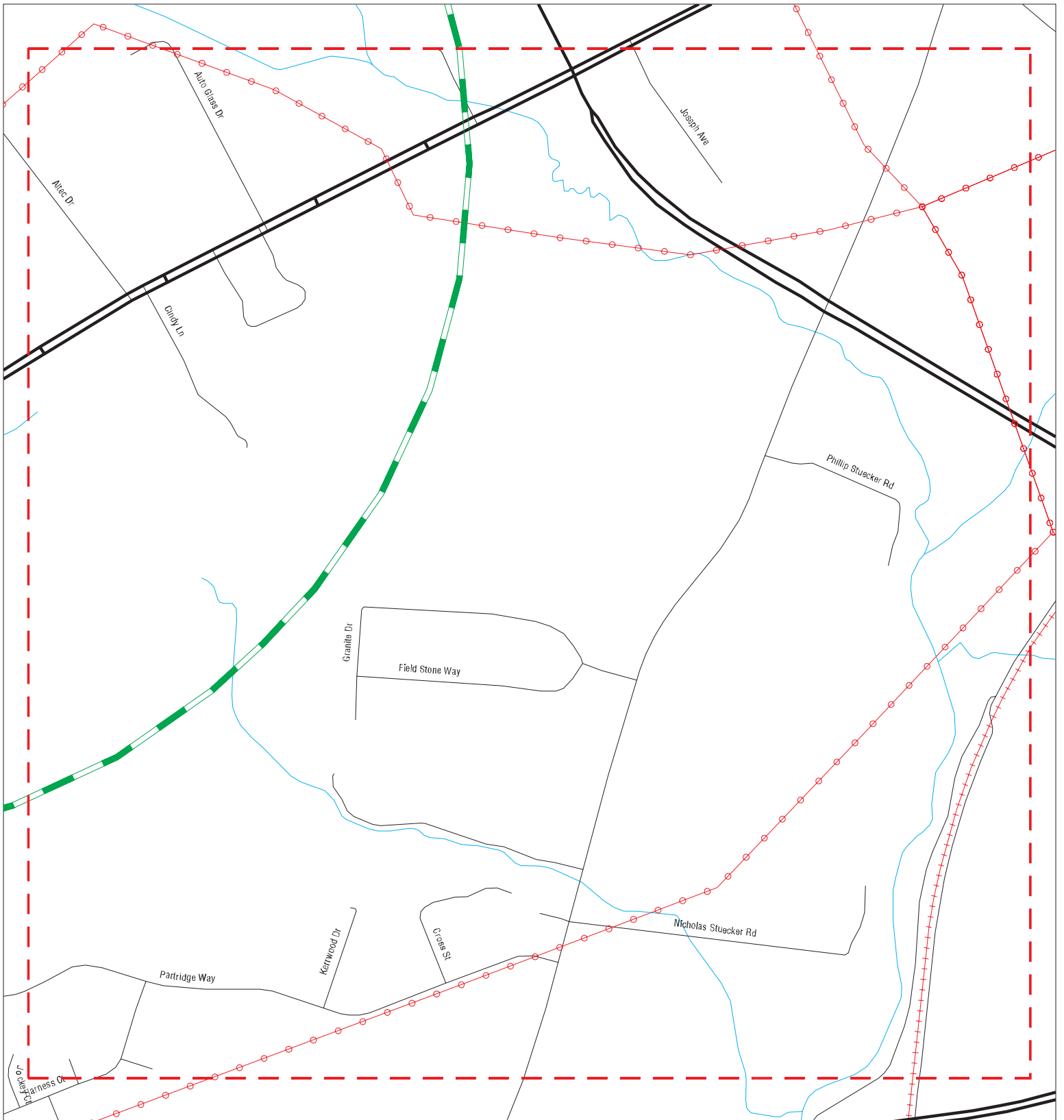
CLIENT: Hull & Associates, Inc.
CONTACT: Amanda K. Green
INQUIRY #: 6370302.5s
DATE: 02/19/21










MAPPED SITES SUMMARY - FOCUS MAP 11

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
8 / 11	FLEX FILM(USA) , IN	1221 NORTH BLACK BRA	RCRA NonGen / NLR	348 0.066 NE

Focus Map - 12 - 6370302.5s



- | | | | | | |
|---|----------------------|---|---------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Indian Reservations BIA |
|  | Target Property |  | Power Line |  | National Priority List Sites |
|  | Search Buffer |  | Dept. Defense Sites | | |
|  | Focus Map - No Sites | | | | |



SITE NAME: Telesto Solar Property
ADDRESS: Hardin County, Kentucky
CITY/STATE: Hardin County KY
ZIP: 42701

CLIENT: Hull & Associates, Inc.
CONTACT: Amanda K. Green
INQUIRY #: 6370302.5s
DATE: 02/19/21

MAPPED SITES SUMMARY - FOCUS MAP 12

Target Property:
HARDIN COUNTY, KENTUCKY
HARDIN COUNTY, KY 42701

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

1
Target
Property **CECILIA, KY**

SPILLS **S117119437**
N/A

Actual: **709 ft.**
Focus Map: **6**

SPILLS:
Name: Not reported
Address: Not reported
City,State,Zip: CECILIA, KY
Facility Status: Env. Closed
Incident Type: Groundwater - TAI
Program Code: 12
Received By Staff: Smith, Cindy
Received Date: 08/17/2007
Report Date: 2007-08-22 10:17:00
Dispatch Description: Release of materials from natural gas pipeline due to unknown causes.
Source Name: Elizabethtown Natural Gas
Source Address: 308 Wimp Lane NRC# 846449
Substances: Natural Gas:
Other Substances Desc: Not reported
Media Impacted: Water Quality
Inc ID: 2263461
Lead Invest Person ID: 6171
Compliance: Yes
Notification: No
Priority: Routine
Incident End Date: 2007-08-24 00:00:00
Follow Up Priority Desc: Not reported
Most Recent Comp Eval Activity: Not reported
Most Recent ENF Activity: Not reported
Begin Emergency Date: Not reported
End Emergency Date: Not reported
MARS Function Code: Not reported
Locked: Yes
Closure Type Desc: Env. Closed-Managed
Latitude: 37.67347
Longitude: -85.95777

A2
Target
Property **NEW MANUFACTURING FACILITY**
N BLACK BRANCH RD
ELIZABETHTOWN, KY 42701

NPDES **S117571184**
N/A

Site 1 of 2 in cluster A

Actual: **762 ft.**
Focus Map: **7**

NPDES:
Name: NEW MANUFACTURING FACILITY
Address: N BLACK BRANCH RD
City,State,Zip: ELIZABETHTOWN, KY 42701
Federal Facility ID: Not reported
Facility Status: Terminated
KY DES #: KYR10I103
Total App# Design Flow (MGD): Not reported
Horizontal Collect Method Desc: Not reported
Facility Addr 2: Not reported
Inactive Date: 04/21/2015
Design Capacity: Not reported
Fee Category: Not reported
SIC Code: 1611
Lat/Long: 37.6727 / -85.9369
Lat/Long Method: Not reported
USGS Hydrologic Basin Code: 027

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NEW MANUFACTURING FACILITY (Continued)

S117571184

Facility Stream Segment: Not reported
 Facility Mileage Indicator: Not reported
 Basin Code: Not reported
 Basin Code Description: Not reported
 DMR Contact: Not reported
 Contact Telephone: Not reported
 Mailing Address: 2070 Industrial PI SE
 Mailing Address 2: Not reported
 Mailing City, St, Zip: Canton, OH 44707
 Permit Issued: 02/19/2014
 Permit Expires: 07/31/2014
 SIC Code Description: Highway And Street Construction
 Receiving Waters: City of Elizabethtown
 Major/Minor: Minor
 Effective Date: 02/19/2014
 Affiliation Type Desc: PMA
 Organization Formal Name: New Manufacturing Facility
 Facility Type Desc: Not reported
 State Facility ID: 121250
 Original Issue Date: 02/19/2014
 Approved For Electronic DMR Submission: No

A3 **NEW MANUFACTURING FACILITY - PHASE II**
Target **N BLACK BRANCH RD**
Property **ELIZABETHTOWN, KY 42701**

NPDES **S117895507**
N/A

Site 2 of 2 in cluster A

Actual: NPDES:
762 ft. Name: NEW MANUFACTURING FACILITY - PHASE II
Focus Map: Address: N BLACK BRANCH RD
7 City, State, Zip: ELIZABETHTOWN, KY 42701
 Federal Facility ID: Not reported
 Facility Status: Terminated
 KY DES #: KYR10J320
 Total App# Design Flow (MGD): Not reported
 Horizontal Collect Method Desc: Not reported
 Facility Addr 2: Not reported
 Inactive Date: 12/19/2018
 Design Capacity: Not reported
 Fee Category: Not reported
 SIC Code: 1611
 Lat/Long: 37.6727 / -85.9369
 Lat/Long Method: Not reported
 USGS Hydrologic Basin Code: 027
 Facility Stream Segment: Not reported
 Facility Mileage Indicator: Not reported
 Basin Code: Not reported
 Basin Code Description: Not reported
 DMR Contact: Not reported
 Contact Telephone: Not reported
 Mailing Address: 2707 Industrial PI SE
 Mailing Address 2: Not reported
 Mailing City, St, Zip: Canton, OH 44707
 Permit Issued: 04/10/2015
 Permit Expires: 11/30/2019
 SIC Code Description: Highway And Street Construction
 Receiving Waters: City of Elizabethtown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW MANUFACTURING FACILITY - PHASE II (Continued)

S117895507

Major/Minor: Minor
Effective Date: 04/10/2015
Affiliation Type Desc: PMA
Organization Formal Name: New Manufacturing Facility - Phase II
Facility Type Desc: Not reported
State Facility ID: 121250
Original Issue Date: 04/10/2015
Approved For Electronic DMR Submission: No

B4

Target 308 WIMP LANE
Property CECILIA, KY 42724

ERNS 2007846449
N/A

Site 1 of 2 in cluster B

Actual:
715 ft.

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Focus Map:
10

B5 CAROLYN WIMP RESIDENCE
Target 308 WIMP LN
Property CECILIA, KY 42724

FINDS 1015886470
N/A

Site 2 of 2 in cluster B

Actual:
715 ft.

FINDS:
Registry ID: 110045262023

Focus Map:
10

Click Here:

Environmental Interest/Information System:
STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

C6

Target
Property CECILIA, KY

SPILLS S117192865
N/A

Site 1 of 2 in cluster C

Actual:
704 ft.

Focus Map:
10

SPILLS:
Name: Not reported
Address: Not reported
City,State,Zip: CECILIA, KY
Facility Status: Env. Closed
Incident Type: FLOODPLAIN
Program Code: 11
Received By Staff: Smith, Cindy
Received Date: 04/27/2012
Report Date: 2012-04-29 14:16:00
Dispatch Description: NRC #1010005-Caller is making a report involving a 22" oil pipeline

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S117192865

that goes across a creek and is in danger because the creek has been dammed to pipeline. Caller states it was the actions of the developers to dam the creek and this took place on 4/27/2

Source Name: Sonoco Logistics
 Source Address: Rhudes Creek between 164 N. Sunset Ave. & 308 Wimp Ln.
 Substances: Water:
 Other Substances Desc: Not reported
 Media Impacted: Wastewater
 Inc ID: 2346194
 Lead Invest Person ID: 6171
 Compliance: Yes
 Notification: No
 Priority: Routine
 Incident End Date: Not reported
 Follow Up Priority Desc: Not reported
 Most Recent Comp Eval Activity: Not reported
 Most Recent ENF Activity: Not reported
 Begin Emergency Date: Not reported
 End Emergency Date: Not reported
 MARS Function Code: Not reported
 Locked: Yes
 Closure Type Desc: Env. Closed-Unfounded
 Latitude: 37.67193
 Longitude: 85.969989

C7
 Target
 Property

CECILIA, KY

SPILLS S117194973
 N/A

Site 2 of 2 in cluster C

Actual:
 704 ft.
 Focus Map:
 10

SPILLS:
 Name: Not reported
 Address: Not reported
 City,State,Zip: CECILIA, KY
 Facility Status: Env. Closed
 Incident Type: NON-PERMITTED ACTIVITY; STREAM DEGRADATION
 Program Code: 13
 Received By Staff: Smith, Cindy
 Received Date: 07/06/2012
 Report Date: 2012-07-05 09:55:39
 Dispatch Description: In Cecilia, KY the Attorney General facsimiled DOW-Dam Safety that a non-permitted dam had been constructed on Rhudes Creek at Highway 86. The complainant apparently told the Commonwealth of Kentucky Office of the Attorney General that they believe the d
 Source Name: Barry Jones for Enchanted Acres #2; C.E. Thompson for Eddington Acres; Denver Woodring, Enchanted Acres
 Source Address: All we know is "on Rhudes Creek at Highway 86 in Cecilia, KY"
 Substances: Not reported
 Other Substances Desc: Not reported
 Media Impacted: Water Resources
 Inc ID: 2348720
 Lead Invest Person ID: 6171
 Compliance: Yes
 Notification: No
 Priority: Routine
 Incident End Date: 2012-07-06 00:00:00
 Follow Up Priority Desc: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S117194973

Most Recent Comp Eval Activity: Not reported
 Most Recent ENF Activity: Not reported
 Begin Emergency Date: Not reported
 End Emergency Date: Not reported
 MARS Function Code: Not reported
 Locked: Yes
 Closure Type Desc: Env. Closed-Unfounded
 Latitude: 37.67193
 Longitude: 85.969989

8
NE
 < 1/8
 0.066 mi.
 348 ft.

FLEX FILM(USA) , INC
1221 NORTH BLACK BRANCH ROAD
ELIZABETHTOWN, KY 42701

RCRA NonGen / NLR

1014953531
KYR000056184

Actual:
744 ft.
Focus Map:
11

RCRA NonGen / NLR:
 Date Form Received by Agency: 2017-07-18 00:00:00.0
 Handler Name: FLEX FILM(USA) , INC
 Handler Address: 1221 NORTH BLACK BRANCH ROAD
 Handler City,State,Zip: ELIZABETHTOWN, KY 42701
 EPA ID: KYR000056184
 Contact Name: NAZMUL HAQUE
 Contact Address: NORTH BLACK BRANCH ROAD
 Contact City,State,Zip: ELIZABETHTOWN, KY 42701
 Contact Telephone: 270-307-8539
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 04
 Land Type: Private
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: KY
 State District: 03
 Mailing Address: NORTH BLACK BRANCH ROAD
 Mailing City,State,Zip: ELIZABETHTOWN, KY 42701
 Owner Name: FLEXFILM(USA), INC
 Owner Type: Private
 Operator Name: FLEXFILM(USA), INC
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FLEX FILM(USA) , INC (Continued)

1014953531

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-07-18 14:34:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F021
Waste Description:	WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEX FILM(USA) , INC (Continued)

1014953531

CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF PENTACHLOROPHENOL, OR OF INTERMEDIATES USED TO PRODUCE DERIVATIVES.

Waste Code: U240
Waste Description: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: FLEXFILM(USA), INC
Legal Status: Private
Date Became Current: 2011-05-26 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: SAME
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FLEXFILM(USA), INC
Legal Status: Private
Date Became Current: 2011-05-26 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: SAME
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: FLEXFILM(USA), INC
Legal Status: Private
Date Became Current: 2011-05-26 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: SAME
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FLEXFILM(USA), INC
Legal Status: Private
Date Became Current: 2011-05-26 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: SAME
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEX FILM(USA) , INC (Continued)

1014953531

Historic Generators:

Receive Date: 2012-06-06 00:00:00.0
Handler Name: FLEX FILM(USA) , INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: KY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2017-07-18 00:00:00.0
Handler Name: FLEX FILM(USA) , INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: KY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 326112
NAICS Description: PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEX FILM(USA) , INC (Continued)

1014953531

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 2013-03-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FLEX FILM(USA) , INC (Continued)

1014953531

Evaluation Responsible Person Identifier:	KYLMC
Evaluation Responsible Sub-Organization:	LV
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-08-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KYJMI
Evaluation Responsible Sub-Organization:	LV
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

9
ESE
1/8-1/4
0.240 mi.
1267 ft.

CECILIA FARM SERVICES INC
ROBINSON ST
CECILIA, KY 42724

UST U001441250
N/A

Actual:
711 ft.
Focus Map:
10

UST:

Name:	CECILIA FARM SERVICES INC
Address:	ROBINSON ST
City,State,Zip:	CECILIA, KY 42724
Sequence Id:	167047
Facility ID:	67534
Owner Name:	Cecilia Farm Services Inc
Owner Address:	PO Box 7
Owner Address2:	Not reported
Owner Address3:	Not reported
Owner City,St,Zip:	Cecilia, KY 42724
Internal Document ID:	0
Latitude:	37.6665544
Longitude:	-85.9550422
Inert Material Code:	Not reported
Removed Date:	01/11/1993
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	UNK
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CECILIA FARM SERVICES INC (Continued)

U001441250

Last Pipe Test Date: Not reported
Last CP Test Date: Not reported
Added To Flex Date: Not reported
Added To Piping Date: Not reported
Decode For Tstatus: Removed Tank Verified
Decode For Inertmatcd: Not reported
Decode For Tmatcode: Single Wall Steel
Decode For Textcrprd: Unknown
Decode For Treldetcd: None
Decode For Tintprotcd: Unknown
Decode For Tsplprevcd: Unknown
Decode For Tovflprvcd: Unknown
Decode For Pmatcode: Single Wall Steel
Decode For Pextcoprcd: Unknown
Decode For Ptypecode: Unknown
Decode For Preldetcd: Unknown
Decode For Preldetsuc: Unknown
Decode For Plekdetcd: Not Applicable
Decode For Tsubcd: Gasoline
Decode For Tmancd: Not reported
Decode For Pmancd: Not reported
Subject Item ID: 1
Tank Status: TRM
Installation Date: 01/01/1981
Closed In Place Date: Not reported
Capacity in Gallons: 1000
Compartment Number: 1
Piping Installation Date: Not reported
Added To Tank Date: Not reported

10
North
1/2-1
0.668 mi.
3529 ft.

SAINT JOHN CATHOLIC CHURCH
657 ST JOHN CHURCH RD
ELIZABETHTOWN, KY 42701

SHWS S123494118
N/A

Actual:
824 ft.
Focus Map:
2

SHWS:
Name: SAINT JOHN CATHOLIC CHURCH
Address: 657 ST JOHN CHURCH RD
City,State,Zip: ELIZABETHTOWN, KY 42701
Facility Id: 160754
Status: Closed
Description: Closure - Option A No Action Necessary
Closure Date: 04/26/2019
Longitude: -85.973592
Latitude: 37.708450
Subject Item County: Hardin
Sub Item Longitude: -85.973591
Sub Item Latitude: 37.708449
Subject Item Address: 657 St John Church Rd
Subject Item Address2: Not reported
Subject Item City,St,Zip: Elizabethtown, KY 42701
Regulatory Desc: Petroleum Cleanup
Closure Option: Option A No Action Necessary
Side SG: AST
Acreage: 5.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

11
NE
1/2-1
0.862 mi.
4549 ft.

METALSA LINE #6 EXPANSION PARKING LOT
750 N BLACK BRANCH RD
ELIZABETHTOWN, KY 42701

SHWS S108312258
SPILLS N/A
AIRS
NPDES

Actual:
727 ft.
Focus Map:
8

SHWS:
Name: METALSA STRUCTURAL PRODUCTS INC
Address: 750 N BLACK BRANCH RD
City,State,Zip: ELIZABETHTOWN, KY 42701
Facility Id: 5199
Status: **Closed**
Description: Factory RR spur
Closure Date: 10/11/2011
Longitude: -85.921111
Latitude: 37.676111
Subject Item County: Hardin
Sub Item Longitude: -85.921110
Sub Item Latitude: 37.676110
Subject Item Address: 750 N Black Branch Rd
Subject Item Address2: Not reported
Subject Item City,St,Zip: Elizabethtown, KY 42701
Regulatory Desc: Petroleum Cleanup
Closure Option: Option C Restored
Side SG: Petro staining
Acreage: Not reported

SPILLS:
Name: Not reported
Address: Not reported
City,State,Zip: ELIZABETHTOWN, KY
Facility Status: Response/Investigate
Incident Type: TRANSPORTATION ACCIDENT - TRUCK
Program Code: 08
Received By Staff: Strohmeier, Kevin
Received Date: 07/26/2013
Report Date: 2013-07-26 13:18:00
Dispatch Description: A 40-45 gallon spill of waste water and recyclable oil from a tanker with an unsecured man way. Evergreen Environmental is doing cleanup.
Source Name: Vallicor LLC; Metalsa Light Vehicle
Source Address: 750 N Black Branch Rd
Substances: Not reported
Other Substances Desc: wastewater and recyclable oil, 45 gallons.
Media Impacted: Solid Waste
Inc ID: 2365446
Lead Invest Person ID: 22332
Compliance: Yes
Notification: No
Priority: Routine
Incident End Date: Not reported
Follow Up Priority Desc: Not reported
Most Recent Comp Eval Activity: Not reported
Most Recent ENF Activity: Not reported
Begin Emergency Date: Not reported
End Emergency Date: Not reported
MARS Function Code: Not reported
Locked: No
Closure Type Desc: Not reported
Latitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METALSA LINE #6 EXPANSION PARKING LOT (Continued)

S108312258

Longitude: Not reported

AIRS:

Name: METALSA STRUCTURAL PRODUCTS INC
Address: 750 N BLACK BRANCH RD
City,State,Zip: ELIZABETHTOWN, KY 42701
Facility: 2109300063
Mailing Address 3: Not reported
Emps: 400
Plant Class Description: 8; TitleV Major/SynthMnr
Acreage: 46.50
Alternate Facility Name: Metalsa Structural Products Inc
Alternate Facility End Date: Not reported
Principal Product: CAR FRAMES
State Plant Class Code: 8000
DAQ AI Type: MFG- Transportation Equipment Mfg (336)
DAQ Reg Comment: Not reported
Mailing Address Line 2: Not reported
Inspector Assigned AI: Major Ballard
Last Inspection Lead: John Davis
Last Inspection Date: 01/08/2016
Air Programs: 0-SIP Source; 9-NSPS; G-Area Source MACT; Title V Permit
Air Subparts: Not Applicable; 9-IIII-Compression Ignition Int. Comb Eng;
G-ZZZZ-Recipro. Int. Comb Engine (RICE); Not Applicable

Emission:

Year: 2013
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: CO (Carbon Monoxide)
Actual Emissions: 55.908299999999997

Year: 2013
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: NO2 (Nitrogen Dioxide)
Actual Emissions: 66.610060000000004

Year: 2013
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: PM10 (Particulate Matter - 10 Microns Or Less)
Actual Emissions: 25.121875709999998

Year: 2013
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: PT (Particulate Matter)
Actual Emissions: 25.121875709999998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METALSA LINE #6 EXPANSION PARKING LOT (Continued)

S108312258

Year:	2013
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	SO2 (Sulfur Dioxide)
Actual Emissions:	0.39934500000000001
Year:	2013
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	VOC (Volatile Organic Compounds)
Actual Emissions:	3.8340447999999996
Year:	2014
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	CO (Carbon Monoxide)
Actual Emissions:	55.908299999999997
Year:	2014
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	NO2 (Nitrogen Dioxide)
Actual Emissions:	66.610060000000004
Year:	2014
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PM10 (Particulate Matter - 10 Microns Or Less)
Actual Emissions:	25.121875709999998
Year:	2014
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PT (Particulate Matter)
Actual Emissions:	25.121875709999998
Year:	2014
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	SO2 (Sulfur Dioxide)
Actual Emissions:	0.39934500000000001
Year:	2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METALSA LINE #6 EXPANSION PARKING LOT (Continued)

S108312258

County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: VOC (Volatile Organic Compounds)
Actual Emissions: 3.8340447999999996

Year: 2017
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: Carbon Dioxide
Actual Emissions: 79869.000000

Year: 2017
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: Chromium
Actual Emissions: 0.003684

Year: 2017
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: CO (Carbon Monoxide)
Actual Emissions: 55.908300

Year: 2017
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: Cobalt (and Compounds)
Actual Emissions: 0.003684

Year: 2017
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: Manganese
Actual Emissions: 1.171385

Year: 2017
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: Methane
Actual Emissions: 1.530823

Year: 2017
County: Hardin

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METALSA LINE #6 EXPANSION PARKING LOT (Continued)

S108312258

Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	Nickel (and Compounds)
Actual Emissions:	0.912534
Year:	2017
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	Nitrous Oxide
Actual Emissions:	1.464265
Year:	2017
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	NO2 (Nitrogen Dioxide)
Actual Emissions:	66.610060
Year:	2017
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PM10 (Particulate Matter - 10 Microns Or Less)
Actual Emissions:	25.121876
Year:	2017
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PM2.5 (Particulate Matter - 2.5 Microns Or Less)
Actual Emissions:	10.546089
Year:	2017
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PT (Particulate Matter)
Actual Emissions:	25.121876
Year:	2017
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	SO2 (Sulfur Dioxide)
Actual Emissions:	0.399345
Year:	2017
County:	Hardin
Facility ID:	2109300063

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METALSA LINE #6 EXPANSION PARKING LOT (Continued)

S108312258

Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	VOC (Volatile Organic Compounds)
Actual Emissions:	3.834045
Year:	2010
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	CO (Carbon Monoxide)
Actual Emissions:	55.908299999999997
Year:	2010
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	NO2 (Nitrogen Dioxide)
Actual Emissions:	66.610060000000004
Year:	2010
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PM10 (Particulate Matter - 10 Microns Or Less)
Actual Emissions:	25.121875709999998
Year:	2010
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PT (Particulate Matter)
Actual Emissions:	25.121875709999998
Year:	2010
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	SO2 (Sulfur Dioxide)
Actual Emissions:	0.39934500000000001
Year:	2010
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	VOC (Volatile Organic Compounds)
Actual Emissions:	3.8340447999999996
Year:	2015
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METALSA LINE #6 EXPANSION PARKING LOT (Continued)

S108312258

AI ID:	5199
Pollutant:	CO (Carbon Monoxide)
Actual Emissions:	55.908299999999997
Year:	2015
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	NO2 (Nitrogen Dioxide)
Actual Emissions:	66.610060000000004
Year:	2015
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PM10 (Particulate Matter - 10 Microns Or Less)
Actual Emissions:	25.121875709999998
Year:	2015
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PT (Particulate Matter)
Actual Emissions:	25.121875709999998
Year:	2015
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	SO2 (Sulfur Dioxide)
Actual Emissions:	0.39934500000000001
Year:	2015
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	VOC (Volatile Organic Compounds)
Actual Emissions:	3.8340447999999996
Year:	2011
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	CO (Carbon Monoxide)
Actual Emissions:	55.908299999999997
Year:	2011
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METALSA LINE #6 EXPANSION PARKING LOT (Continued)

S108312258

Pollutant:	NO2 (Nitrogen Dioxide)
Actual Emissions:	66.61006000000004
Year:	2011
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PM10 (Particulate Matter - 10 Microns Or Less)
Actual Emissions:	25.121875709999998
Year:	2011
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PT (Particulate Matter)
Actual Emissions:	25.121875709999998
Year:	2011
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	SO2 (Sulfur Dioxide)
Actual Emissions:	0.3993450000000001
Year:	2011
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	VOC (Volatile Organic Compounds)
Actual Emissions:	3.8340447999999996
Year:	2016
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	CO (Carbon Monoxide)
Actual Emissions:	55.908299999999997
Year:	2016
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	NO2 (Nitrogen Dioxide)
Actual Emissions:	66.61006000000004
Year:	2016
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PM10 (Particulate Matter - 10 Microns Or Less)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METALSA LINE #6 EXPANSION PARKING LOT (Continued)

S108312258

Actual Emissions:	25.121875709999998
Year:	2016
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PT (Particulate Matter)
Actual Emissions:	25.121875709999998
Year:	2016
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	SO2 (Sulfur Dioxide)
Actual Emissions:	0.3993450000000001
Year:	2016
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	VOC (Volatile Organic Compounds)
Actual Emissions:	3.8340447999999996
Year:	2012
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	CO (Carbon Monoxide)
Actual Emissions:	55.908299999999997
Year:	2012
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	NO2 (Nitrogen Dioxide)
Actual Emissions:	66.610060000000004
Year:	2012
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PM10 (Particulate Matter - 10 Microns Or Less)
Actual Emissions:	25.121875709999998
Year:	2012
County:	Hardin
Facility ID:	2109300063
Facility Name:	Metalsa Structural Products Inc
AI ID:	5199
Pollutant:	PT (Particulate Matter)
Actual Emissions:	25.121875709999998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METALSA LINE #6 EXPANSION PARKING LOT (Continued)

S108312258

Year: 2012
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: SO2 (Sulfur Dioxide)
Actual Emissions: 0.39934500000000001

Year: 2012
County: Hardin
Facility ID: 2109300063
Facility Name: Metalsa Structural Products Inc
AI ID: 5199
Pollutant: VOC (Volatile Organic Compounds)
Actual Emissions: 3.8340447999999996

NPDES:

Name: METALSA
Address: 750 N BLACK BRANCH RD
City,State,Zip: ELIZABETHTOWN, KY 42701
Federal Facility ID: Not reported
Facility Status: ACTIVE
KY DES #: KYR001633
Total App# Design Flow (MGD): Not reported
Horizontal Collect Method Desc: Not reported
Facility Addr 2: Not reported
Inactive Date: Not reported
Design Capacity: Not reported
Fee Category: Not reported
SIC Code: 3714
Lat/Long: Not reported
Lat/Long Method: Not reported
USGS Hydrologic Basin Code: Not reported
Facility Stream Segment: Not reported
Facility Mileage Indicator: Not reported
Basin Code: Not reported
Basin Code Description: Not reported
DMR Contact: NICOLAS VILLARREAL MARTINEZ
Contact Telephone: 2707697000
Mailing Address: 750 N BLACK BRANCH RD
Mailing Address 2: Not reported
Mailing City,St,Zip: ELIZABETHTOWN, KY 42701
Permit Issued: 09/13/2002
Permit Expires: 09/30/2007
SIC Code Description: MOTOR VEHICLE PARTS & ACCESSOR
Reveiving Waters: VALLEY CRK
Major/Minor: MINOR
Effective Date: Not reported
Affiliation Type Desc: Not reported
Organization Formal Name: Not reported
Facility Type Desc: Not reported
State Facility ID: Not reported
Original Issue Date: Not reported
Approved For Electronic DMR Submission: Not reported

Name: METALSA LINE #6 EXPANSION PARKING LOT

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

METALSA LINE #6 EXPANSION PARKING LOT (Continued)

S108312258

Address: 750 N BLACK BRANCH RD
 City,State,Zip: ELIZABETHTOWN, KY 42701
 Federal Facility ID: Not reported
 Facility Status: Expired
 KY DES #: KYR10M905
 Total App# Design Flow (MGD): Not reported
 Horizontal Collect Method Desc: Not reported
 Facility Addr 2: Not reported
 Inactive Date: Not reported
 Design Capacity: Not reported
 Fee Category: Not reported
 SIC Code: 1611
 Lat/Long: 37.676111 / -85.921111
 Lat/Long Method: Not reported
 USGS Hydrologic Basin Code: 027
 Facility Stream Segment: Not reported
 Facility Mileage Indicator: Not reported
 Basin Code: Not reported
 Basin Code Description: Not reported
 DMR Contact: Not reported
 Contact Telephone: Not reported
 Mailing Address: 159 4th Ave N Ste 100
 Mailing Address 2: Not reported
 Mailing City,St,Zip: Nashville, TN 37219
 Permit Issued: 09/07/2018
 Permit Expires: 11/30/2019
 SIC Code Description: Highway And Street Construction
 Reveiving Waters: Valley Creek
 Major/Minor: Minor
 Effective Date: 09/07/2018
 Affiliation Type Desc: PMA
 Organization Formal Name: Metalsa Line #6 Expansion Parking Lot
 Facility Type Desc: Not reported
 State Facility ID: 5199
 Original Issue Date: 09/07/2018
 Approved For Electronic DMR Submission: No

12
 SE
 1/2-1
 0.949 mi.
 5010 ft.

AKEBONO BRAKE CORP
200 RING ROAD
ELIZABETHTOWN, KY 42701

SHWS S122830289
N/A

Actual:
734 ft.
Focus Map:
8

SHWS:
 Name: AKEBONO BRAKE CORP
 Address: 200 RING ROAD
 City,State,Zip: ELIZABETHTOWN, KY 42701
 Facility Id: 1645
Status: Closed
 Description: Release below slab - No Hazardous Substance, Pollutant or Contaminant
 Closure Date: 08/13/2019
 Longitude: -85.917500
 Latitude: 37.683611
 Subject Item County: Hardin
 Sub Item Longitude: -85.918092
 Sub Item Latitude: 37.682597
 Subject Item Address: 300 Ring Rd
 Subject Item Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AKEBONO BRAKE CORP (Continued)

S122830289

Subject Item City,St,Zip: Elizabethtown, KY 42701
Regulatory Desc: State Superfund
Closure Option: Option A No Action Necessary
Side SG: Plating Line
Acreage: 50.00

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CECILIA	S110777701	CENTRAL HARDIN 138-69 KV TRANS	SOUTH SIDE OF NEW BLACK BRANCH	42724	NPDES
CECILIA	S109093176	HABERSHAM SUBD	CECILIA SMITH MILL RD	42724	NPDES
CECILIA	S109093193	HABERSHAM SUBDIVISION	CECILIA SMITH MILL RD	42724	NPDES
ELIZABETHTOWN	97377071		NORTH HARDIN HIGH SCHOOL	42701	ERNS
ELIZABETHTOWN	94242197		HARDIN COUNTY ROAD DEPT.	42701	ERNS
ELIZABETHTOWN	S123109288	HOMETOWNE TIRE CENTER INC	400 COLLEGE RD	42701	SWF/LF
ELIZABETHTOWN	1000371101	SHERWIN WILLIAMS CO	W SYCAMORE ST	42701	RCRA NonGen / NLR
ELIZABETHTOWN	1004509588	ELIZABETHTOWN COMMUNITY COLLEGE	COLLEGE STREET RD.	42701	FTTS, HIST FTTS
ELIZABETHTOWN	1016362486	FIVE STAR CONVENIENCE STORE	COLLEGE ST	42701	FINDS
ELIZABETHTOWN	1016288927	ELIZABETHTOWN COMMUNITY COLLEGE	COLLEGE STREET RD.	42701	FINDS
ELIZABETHTOWN	1015845433	THE ORCHARD SUBD	ST JOHNS RD	42701	FINDS
ELIZABETHTOWN	S123238934	HARDIN MEMORIAL HOSPITAL (AI ID: 1675)	HARDIN MMORIAL HOSPITAL, 206 CARDINAL DRIVE		ASBESTOS
ELIZABETHTOWN	S110491554	ASHTON PARK SECTION III	JCT OF HAYDEN SCHOOL RD & KITT	42701	NPDES
ELIZABETHTOWN	S108083212	SANDY SPRINGS SECT 1 LOTS 1-50	COLLEGE ST	42701	NPDES
ELIZABETHTOWN	S108902719	JOHN & HANNA YUN	ST JOHNS RD	42701	NPDES
ELIZABETHTOWN	S108902838	THE ORCHARD SUBDIVISION	ST JOHNS RD	42701	NPDES
FRANKLIN	S125983025	SIMPSON COUNTY BOARD OF EDUCATION	FRANKLIN-SIMPSON HIGH SCHOOL ARTS BUILDING, 400 SOUTH COLLEGE STREET	42701	ASBESTOS
HARDIN COUNTY	M300000813	VULCAN MATERIALS CO.	HARDIN COUNTY QUARRY (#568)		US MINES
HARDIN COUNTY	S123236864	PROGENY PROPERTIES, LLC	300 COLLEGE STR		ASBESTOS
HARDIN COUNTY	S125983262	US ARMY GARRISON - FORT KNOX (AI ID: 1642)	FORT KNOX, IRELAND HOSPITAL LOOP, 851 MECHANICAL ROOM, HARDIN COUNTY		ASBESTOS
HARDIN COUNTY	S126416363	RESIDENTIAL STRUCTURE	KY 1357 SAINT JOHN ROAD		ASBESTOS
HARDIN COUNTY	S125982183	FORT KNOX FEDERAL CREDIT UNION	REDMAR PLAZA KNOX BOULEVARD RADCLIFF KY 40160 HARDIN COUNTY		ASBESTOS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: N/A
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 01/14/2021
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: N/A
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 01/14/2021
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: 800-424-9346
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 01/14/2021
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020	Source: EPA
Date Data Arrived at EDR: 12/17/2020	Telephone: 800-424-9346
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 12/22/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/11/2020	Source: Department of the Navy
Date Data Arrived at EDR: 11/17/2020	Telephone: 843-820-7326
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 02/08/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/24/2021
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2020	Telephone: 703-603-0695
Date Made Active in Reports: 11/18/2020	Last EDR Contact: 11/05/2020
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/28/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2020	Telephone: 703-603-0695
Date Made Active in Reports: 11/18/2020	Last EDR Contact: 11/05/2020
Number of Days to Update: 13	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/15/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 7

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: State Leads List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/17/2021
Number of Days to Update: 6

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/21/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 82

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 01/27/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

PSTEAF: Facility Ranking List

The Underground Storage Tank Branch (USTB) has ranked all PSTEAF reimbursable facilities requiring corrective action, in accordance with 401 KAR 42:290. Directive letters will be issued on the basis of facility ranking and available PSTEAF funding in sequential order as ranked. For example, Rank 2 facilities will be issued directives before Rank 3 facilities.

Date of Government Version: 08/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 79

Source: Department of Environmental Protection
Telephone: 502-564-5981
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2020	Telephone: 913-551-7003
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6271
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/20/2020	Telephone: 415-972-3372
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-8677
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020	Source: EPA, Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-7439
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020	Source: EPA Region 1
Date Data Arrived at EDR: 05/20/2020	Telephone: 617-918-1313
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020	Source: EPA Region 10
Date Data Arrived at EDR: 05/20/2020	Telephone: 206-553-2857
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SB193: SB193 Branch Site Inventory List

The inventory indicates facilities that have performed permanent closure activities at a regulated underground storage tank facility and have known soil and/or groundwater contamination.

Date of Government Version: 09/05/2006	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/13/2006	Telephone: 502-564-5981
Date Made Active in Reports: 10/18/2006	Last EDR Contact: 04/08/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/25/2016
	Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 07/21/2020	Source: FEMA
Date Data Arrived at EDR: 09/03/2020	Telephone: 202-646-5797
Date Made Active in Reports: 11/25/2020	Last EDR Contact: 01/04/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Varies

UST: Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/30/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/19/2020	Telephone: 502-564-5981
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 11/19/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks

A listing of aboveground storage tank site locations.

Date of Government Version: 02/11/2021	Source: Office of State Fire Marshal
Date Data Arrived at EDR: 02/11/2021	Telephone: 502-564-4010
Date Made Active in Reports: 02/12/2021	Last EDR Contact: 02/09/2021
Number of Days to Update: 1	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020	Source: EPA Region 10
Date Data Arrived at EDR: 05/20/2020	Telephone: 206-553-2857
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/15/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020	Source: EPA Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-6136
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6137
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 05/20/2020	Telephone: 617-918-1313
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020	Source: EPA Region 9
Date Data Arrived at EDR: 05/20/2020	Telephone: 415-972-3368
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2020	Telephone: 913-551-7003
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-9424
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 12/16/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing
A listing of sites that use engineering controls.

Date of Government Version: 11/17/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/19/2020	Telephone: 502-564-6716
Date Made Active in Reports: 02/08/2021	Last EDR Contact: 11/16/2020
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: Varies

INST CONTROL: State Superfund Database

A list of closed sites in the State Superfund Database. Institutional controls would be in place at any site that uses Contained or Managed as a Closure Option.

Date of Government Version: 11/17/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/19/2020	Telephone: 502-564-6716
Date Made Active in Reports: 02/12/2021	Last EDR Contact: 11/15/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 03/08/2021
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Sites

Sites that have been accepted into the Voluntary Cleanup Program or have submitted an application.

Date of Government Version: 09/22/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/29/2020	Telephone: 502-564-6716
Date Made Active in Reports: 12/17/2020	Last EDR Contact: 12/21/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/15/2020
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Kentucky Brownfield Inventory

The Kentucky Brownfield Program has created an inventory of brownfield sites in order to market the properties to those interested in brownfield redevelopment. The Kentucky Brownfield Program is working to promote the redevelopment of these sites by helping to remove barriers that prevent reuse, providing useful information to communities, developers and the public and encouraging a climate that fosters redevelopment of contaminated sites.

Date of Government Version: 09/08/2020	Source: Division of Compliance Assistance
Date Data Arrived at EDR: 10/09/2020	Telephone: 502-564-0323
Date Made Active in Reports: 12/30/2020	Last EDR Contact: 01/11/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/14/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2020	Telephone: 202-566-2777
Date Made Active in Reports: 12/10/2020	Last EDR Contact: 12/11/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 03/29/2021
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facilities

A listing of recycling facilities located in the state of Kentucky.

Date of Government Version: 09/04/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/14/2020	Telephone: 502-564-6716
Date Made Active in Reports: 01/04/2021	Last EDR Contact: 01/15/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Varies

HIST LF: Historical Landfills

This solid waste facility listing contains detail information that is not included in the landfill listing. A listing with detail information is no longer available by the Department of Environmental Protection.

Date of Government Version: 05/01/2003	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/30/2006	Telephone: 502-564-6716
Date Made Active in Reports: 05/01/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 32	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 01/25/2021
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/10/2021
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Location Listing

Clandestine drug lab site locations.

Date of Government Version: 11/17/2020
Date Data Arrived at EDR: 11/19/2020
Date Made Active in Reports: 02/05/2021
Number of Days to Update: 78

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/20/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

SPILLS: State spills

A listing of spill and/or release related incidents.

Date of Government Version: 09/18/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/30/2020
Number of Days to Update: 82

Source: DEP, Emergency Response
Telephone: 502-564-2380
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 09/29/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 69

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 01/07/2021
Number of Days to Update: 574	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 02/09/2021
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/24/2021
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/21/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/22/2020	Telephone: 202-566-1917
Date Made Active in Reports: 12/14/2020	Last EDR Contact: 12/17/2020
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/05/2021
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 02/02/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 02/05/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 12/18/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 03/29/2021
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 02/02/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2020	Source: EPA
Date Data Arrived at EDR: 10/19/2020	Telephone: 202-564-4203
Date Made Active in Reports: 01/04/2021	Last EDR Contact: 01/21/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: 703-416-0223
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 01/14/2021
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/15/2021
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/12/2020	Telephone: 202-564-8600
Date Made Active in Reports: 01/25/2021	Last EDR Contact: 01/19/2021
Number of Days to Update: 74	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 202-564-6023
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 01/14/2021
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019	Source: EPA
Date Data Arrived at EDR: 10/11/2019	Telephone: 202-566-0500
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 01/08/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/30/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/10/2020	Telephone: 301-415-7169
Date Made Active in Reports: 10/08/2020	Last EDR Contact: 01/19/2021
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/03/2021
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 12/01/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/15/2021
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 11/30/2020
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/15/2021
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/05/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/27/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/08/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 88

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/08/2021
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 02/02/2021
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/17/2021
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/18/2021
Number of Days to Update: 74	Next Scheduled EDR Contact: 03/01/2021
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/30/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2021	Telephone: 703-603-8787
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 01/14/2021
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/12/2021
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/24/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/16/2020
Date Data Arrived at EDR: 09/17/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 55

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 10/03/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 73

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Quarterly

AIRS: Permitted Airs Facility Listing

A listing of permitted Airs facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Department of Environmental Protection
Telephone: 502-573-3382
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Semi-Annually

ASBESTOS: Asbestos Notification Listing Asbestos sites

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 84

Source: Department of Environmental Protection
Telephone: 502-782-6780
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites A listing of coal ash pond site locations.

Date of Government Version: 04/17/2020
Date Data Arrived at EDR: 04/20/2020
Date Made Active in Reports: 05/06/2020
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaner Listing A listing of drycleaner facility locations.

Date of Government Version: 10/21/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Department of Environmental Protection
Telephone: 502-573-3382
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing A listing of financial assurance information.

Date of Government Version: 10/22/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing Financial Assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/14/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 06/24/2014
Number of Days to Update: 18

Source: Department of Environmental Protection
Telephone: 502-564-5981
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/22/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD: Environmental Lead Program Report Tracking Database Lead Report Tracking Database

Date of Government Version: 01/27/2017
Date Data Arrived at EDR: 02/02/2017
Date Made Active in Reports: 08/21/2017
Number of Days to Update: 200

Source: Department of Public Health
Telephone: 502-564-4537
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

NPDES: Permitted Facility Listing A listing of permitted wastewater facilities.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Environmental Protection
Telephone: 502-564-3410
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Semi-Annually

UIC: UIC Information

A listing of wells identified as underground injection wells, in the Kentucky Oil & Gas Wells data base.

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 10/13/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 83

Source: Kentucky Geological Survey
Telephone: 859-323-0544
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists.

Date of Government Version: N/A	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/15/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 198	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 10/20/2020	Telephone: 860-424-3375
Date Made Active in Reports: 11/02/2020	Last EDR Contact: 02/12/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/24/2021
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 01/08/2021
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/19/2021
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/29/2020	Telephone: 518-402-8651
Date Made Active in Reports: 07/10/2020	Last EDR Contact: 01/29/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 05/10/2021
	Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2019	Telephone: 717-783-8990
Date Made Active in Reports: 09/10/2019	Last EDR Contact: 01/11/2021
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/26/2021
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Certified Child Care Homes

Source: Cabinet for Families & Children
Telephone: 502-564-7130

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Environmental & Public Protection Cabinet

Telephone: 502-564-6736

STREET AND ADDRESS INFORMATION

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APPENDIX J

Regulatory Agency Correspondence

Marissa Tomin

From: Marissa Tomin
Sent: Tuesday, March 9, 2021 11:34 AM
To: eec.kora@ky.gov
Subject: Request for File Search: XEN007.0002

March 9, 2021

Kentucky Department of Environmental Protection
300 Sower Blvd
Frankfort, KY 40601

Re: Request for File Search: XEN007.0002.

To Whom it May Concern:

Hull & Associates, LLC. would like to request an appointment to review all department files including notices of violations, reports, return to compliance, and correspondence at the Kentucky DEP in the Divisions of RCRA, Drinking and Groundwater, Compliance Assistance and Pollution Prevention, Environmental Response and Revitalization, Materials and Waste Management, Special Investigations, Hazardous Waste Management, Solid and Infectious Waste Management, Surface Water, Environmental Response and Revitalization, and the Office of Compliance Assistance and Pollution Prevention for the following:

Company Name	Address
New Manufacturing FA	N Black Branch Road
Carolyn Wimp Residence	308 Wimp Lane
Flex Film (USA), IN	1221 North Black BRA
Cecilia Farm Service	Robinson Street
Saint John Catholic Church	657 St. John Church Road
Metalsa Line #6 EXPA	750 North Black Branch Road
Akebono Brake Corp.	200 Ring Road

If you have any questions, please do not hesitate to contact me at (330) 697-1337. Thank you for your assistance.

Sincerely,



Marissa Tomin
Hydrogeologist 1
330-697-1337
Hull & Associates, LLC
6397 Emerald Parkway, Suite 200
Dublin, OH 43016

Marissa Tomin

From: Marissa Tomin
Sent: Tuesday, March 9, 2021 11:32 AM
To: support@ltdhd.org
Subject: Request for Information Concerning Spills or Releases Involving Toxic or Hazardous Substances XEN007.0002.

March 9, 2021

Lincoln Trail District Health Department
1222 Woodland Dr.
Elizabethtown, KY 42701

Re: Request for Information Concerning Spills or Releases Involving Toxic or Hazardous Substances XEN007.0002.

To Whom It May Concern:

As part of Phase I Environmental Site Assessment activities, Hull & Associates, LLC. is requesting copies of all department files containing any information any information regarding spills, unauthorized discharges, or other environmental problems involving toxic or hazardous substances at the following addresses:

Company Name	Address
New Manufacturing FA	N Black Branch Road
Carolyn Wimp Residence	308 Wimp Lane
Flex Film (USA), IN	1221 North Black BRA
Cecilia Farm Service	Robinson Street
Saint John Catholic Church	657 St. John Church Road
Metalsa Line #6 EXPA	750 North Black Branch Road
Akebono Brake Corp.	200 Ring Road

If you have any questions, please do not hesitate to contact me at (330) 697-1337. Thank you for your assistance.

Sincerely,



Marissa Tomin
Hydrogeologist 1
330-697-1337
Hull & Associates, LLC
6397 Emerald Parkway, Suite 200
Dublin, OH 43016



Public Health
Prevent. Promote. Protect.

Lincoln Trail District Health Department
Hardin County Environmental Health
580 C Westport Road
Elizabethtown, KY 42701
(270) 769-0312 / (270) 769-0471 (fax)

01-20-11
LHP-11

LOCAL HEALTH DEPARTMENT OPEN RECORDS REQUEST FORM

Date: 3/9/2021

DOCUMENTS REQUESTED:

I wish to inspect documents pertaining to:
New Manufacturing FA (N. Black Branch Rd), Carolyn Wimp Residence (308 Wimp Lane), Flex Film (USA), IN (1221 N. Black Branch Rd.),
Cecilia Farm Service (Robinson Street), Saint John Catholic Church (657 St. John Church Rd), Metalsa Line #6 EXPA (750 N. Black Branch Rd),
and Akebono Brake Corp. (200 Ring Rd)

(Name of party whose records are being requested, such as employee's name or agency name)

Please include the following types of documents:

Copies of all department files containing any information regarding spills, unauthorized discharges, or other environmental problems
involving toxic or hazardous substances at the above addresses.

(List specific types of documents such as employee's own personnel file, inspection records, etc.)

I am aware that copies of these records will be billed at 10¢ per page, plus postage (if mailed). I agree to submit payment by check or money order if requesting that the documents be mailed, or additionally payable by cash if documents are to be picked up. I understand that the documents will not be released until payment in full has been received.

- Please mail these documents to the address below. ****Request Response Emailed to mtomin@hullinc.com**
- Please call me at the phone number below when the documents are available for pickup

Via Email

Signature of Requestor
Hull & Associates LLC

Company Name
330-697-1337

Daytime Phone Number

Marissa Tomin

Printed Name
6397 Emerald Parkway, Suite 200, Dublin, OH 43016

Mailing Address
mtomin@hullinc.com

E-Mail Address

DISPOSITION

- Request granted in full
- Records not found
- Request deferred (lacks specificity)
- Request granted in part
- Request denied
- Other: _____

EXPLANATION OF DISPOSITION:

No records were found pertaining to any of the criteria listed in the records request.

Sheri Grimes
Signature of Records Custodian
Sheri Grimes

Printed Name
3/9/2021

Date

_____ pages X 10¢ ea = \$ _____
postage (if applicable) = \$ _____
TOTAL: \$ _____
Payment received on _____
 cash money order check # _____

**All open records requests are subject to the regulations and exemptions set forth in KRS 61.870-61.884*



Public Health
Prevent. Promote. Protect.

**Lincoln Trail District Health Department
Hardin County Environmental Health
580 C Westport Road
Elizabethtown, KY 42701
(270) 769-0312 / (270) 769-0471 (fax)**

01-20-11
LHP-11

**LOCAL HEALTH DEPARTMENT
OPEN RECORDS REQUEST FORM**

Date: 3/9/2021

DOCUMENTS REQUESTED:

I wish to inspect documents pertaining to:
New Manufacturing FA (N. Black Branch Rd), Carolyn Wimp Residence (308 Wimp Lane), Flex Film (USA), IN (1221 N. Black Branch Rd.),
Cecilia Farm Service (Robinson Street), Saint John Catholic Church (657 St. John Church Rd), Metalsa Line #6 EXPA (750 N. Black Branch Rd),
and Akebono Brake Corp. (200 Ring Rd)

(Name of party whose records are being requested, such as employee's name or agency name)

Please include the following types of documents:

Copies of all department files containing any information regarding spills, unauthorized discharges, or other environmental problems
involving toxic or hazardous substances at the above addresses.

(List specific types of documents such as employee's own personnel file, inspection records, etc.)

I am aware that copies of these records will be billed at 10¢ per page, plus postage (if mailed). I agree to submit payment by check or money order if requesting that the documents be mailed, or additionally payable by cash if documents are to be picked up. I understand that the documents will not be released until payment in full has been received.

- Please mail these documents to the address below. ****Request Response Emailed to mtomin@hullinc.com**
- Please call me at the phone number below when the documents are available for pickup

Via Email

Signature of Requestor
Hull & Associates LLC

Company Name
330-697-1337

Daytime Phone Number

Marissa Tomin

Printed Name
6397 Emerald Parkway, Suite 200, Dublin, OH 43016

Mailing Address
mtomin@hullinc.com

E-Mail Address

DISPOSITION

- Request granted in full
- Records not found
- Request deferred (lacks specificity)
- Request granted in part
- Request denied
- Other: _____

EXPLANATION OF DISPOSITION:

No records were found pertaining to any of the criteria listed in the records request.

Sheri Grimes
Signature of Records Custodian
Sheri Grimes

Printed Name
3/9/2021

Date

_____ pages X 10¢ ea = \$ _____
postage (if applicable) = \$ _____
TOTAL: \$ _____

Payment received on _____
 cash money order check # _____

**All open records requests are subject to the regulations and exemptions set forth in KRS 61.870-61.884*

Marissa Tomin

From: Marissa Tomin
Sent: Tuesday, March 9, 2021 12:18 PM
To: efdhq@elizabethtownky.gov
Subject: Request for File Search: XEN007.0002.

March 9, 2021

Hardin County Emergency Management
Mark Malone, Fire Chief
380 Ring Road
Elizabethtown, KY 42701

Re: Request for File Search: XEN007.0002.

Mr. Malone:

Hull & Associates, LLC. would like to request copies of all department files containing any information regarding spills, unauthorized discharges, or other environmental problems involving toxic or hazardous substances at the following addresses:

Company Name	Address
New Manufacturing FA	N Black Branch Road
Carolyn Wimp Residence	308 Wimp Lane
Flex Film (USA), IN	1221 North Black BRA
Cecilia Farm Service	Robinson Street
Saint John Catholic Church	657 St. John Church Road
Metalsa Line #6 EXPA	750 North Black Branch Road
Akebono Brake Corp.	200 Ring Road

If you have any questions, please do not hesitate to contact me at (330) 697-1337. Thank you for your assistance.

Sincerely,



Marissa Tomin
Hydrogeologist 1
330-697-1337
Hull & Associates, LLC
6397 Emerald Parkway, Suite 200
Dublin, OH 43016



City of Elizabethtown Fire Department

380 Ring Road
Elizabethtown Kentucky 42701
Phone: 270.765.2121



March 11, 2021

Regarding the records request for *New Manufacturing FA* located on North Black Branch Road, Elizabethtown, KY 42701, I submit the following:

1. The address listed on the Records Request is within the Elizabethtown Fire Department's Fire District.
2. Regarding the requests for specific types of reports, permits, notifications, and violations, Elizabethtown Fire Department (EFD) records retained per the Local Agency Records Retention Schedule regulated by the KY State Archives and Records Commission, Public Records Division, KY Department for Libraries and Archives, have been searched. The EFD records search for this address per this request indicate:

-This property is land that has not been previously developed.

3. Regarding Underground Storage Tanks, records for USTs are maintained by the KY Environmental Protection Cabinet, UST Section.

4. Regarding Above Ground Storage Tanks, records for AST are maintained by the KY State Fire Marshal's Office.

5. Regarding storage of Hazardous Materials (including petroleum products) and Hazardous Materials Incident investigations (not reported to the Elizabethtown Fire Department), those records and reports are maintained by the KY State Fire Marshal's Office.

Respectfully,

Matt Grogan

Deputy Chief
Elizabethtown Fire Department
380 Ring Road
Elizabethtown, KY 42701



City of Elizabethtown Fire Department

380 Ring Road
Elizabethtown Kentucky 42701
Phone: 270.765.2121



March 11, 2021

Regarding the records request for *Flex Films USA* located at 1221 North Black Branch Road, Elizabethtown, KY 42701, I submit the following:

1. The address listed on the Records Request is within the Elizabethtown Fire Department's Fire District.
2. Regarding the requests for specific types of reports, permits, notifications, and violations, Elizabethtown Fire Department (EFD) records retained per the Local Agency Records Retention Schedule regulated by the KY State Archives and Records Commission, Public Records Division, KY Department for Libraries and Archives, have been searched. The EFD records search for this address per this request indicate:

- There are no reports of EFD response for incidents involving spills or release of hazardous materials.
- Fire related incidents at this location have been minor equipment fires and did not cause significant damage.

3. Regarding Underground Storage Tanks, records for USTs are maintained by the KY Environmental Protection Cabinet, UST Section.
4. Regarding Above Ground Storage Tanks, records for AST are maintained by the KY State Fire Marshal's Office.
5. Regarding storage of Hazardous Materials (including petroleum products) and Hazardous Materials Incident investigations (not reported to the Elizabethtown Fire Department), those records and reports are maintained by the KY State Fire Marshal's Office.

Respectfully,

Matt Grogan

Deputy Chief
Elizabethtown Fire Department
380 Ring Road
Elizabethtown, KY 42701



City of Elizabethtown Fire Department

380 Ring Road
Elizabethtown Kentucky 42701
Phone: 270.765.2121



March 11, 2021

Regarding the records request for *Metalsa Etown* located at 750 North Black Branch Road, Elizabethtown, KY 42701, I submit the following:

1. The address listed on the Records Request is within the Elizabethtown Fire Department's Fire District.
2. Regarding the requests for specific types of reports, permits, notifications, and violations, Elizabethtown Fire Department (EFD) records retained per the Local Agency Records Retention Schedule regulated by the KY State Archives and Records Commission, Public Records Division, KY Department for Libraries and Archives, have been searched. The EFD records search for this address per this request indicate:

-There are no reports of EFD response for incidents involving spills or release of hazardous materials.

- Fire related incidents at this location have been either exhaust filter fires or oven fires related to product coatings in the final stages of the manufacturing process. At least one oven fire resulted in significant damage to the oven, caused moderate damage to the structure and interrupted production for several days.

3. Regarding Underground Storage Tanks, records for USTs are maintained by the KY Environmental Protection Cabinet, UST Section.
4. Regarding Above Ground Storage Tanks, records for AST are maintained by the KY State Fire Marshal's Office.
5. Regarding storage of Hazardous Materials (including petroleum products) and Hazardous Materials Incident investigations (not reported to the Elizabethtown Fire Department), those records and reports are maintained by the KY State Fire Marshal's Office.

Respectfully,

Matt Grogan

Deputy Chief
Elizabethtown Fire Department
380 Ring Road
Elizabethtown, KY 42701



City of Elizabethtown Fire Department

380 Ring Road
Elizabethtown Kentucky 42701
Phone: 270.765.2121



March 11, 2021

Regarding the records request for *Akebono Brake Elizabethtown* located at 300 Ring Road, Elizabethtown, KY 42701, I submit the following:

1. The address listed on the Records Request is within the Elizabethtown Fire Department's Fire District.
2. Regarding the requests for specific types of reports, permits, notifications, and violations, Elizabethtown Fire Department (EFD) records retained per the Local Agency Records Retention Schedule regulated by the KY State Archives and Records Commission, Public Records Division, KY Department for Libraries and Archives, have been searched. The EFD records search for this address per this request indicate:

- There are no reports of EFD response for incidents involving spills or release of hazardous materials that left the property.
- Fire related incidents at this location have only involved manufacturing process equipment fires and fires in the ventilation/exhaust system both of which resulted in no significant damage to the building structure.

3. Regarding Underground Storage Tanks, records for USTs are maintained by the KY Environmental Protection Cabinet, UST Section.

4. Regarding Above Ground Storage Tanks, records for AST are maintained by the KY State Fire Marshal's Office.

5. Regarding storage of Hazardous Materials (including petroleum products) and Hazardous Materials Incident investigations (not reported to the Elizabethtown Fire Department), those records and reports are maintained by the KY State Fire Marshal's Office.

Respectfully,

Matt Grogan

Deputy Chief
Elizabethtown Fire Department
380 Ring Road
Elizabethtown, KY 42701

Marissa Tomin

From: Marissa Tomin
Sent: Tuesday, March 9, 2021 12:16 PM
To: efdhq@elizabethtownky.gov
Subject: Request for File Search of Fire and Hazmat Responses: XEN007.0002

March 9, 2021

Elizabethtown Fire Department, Station 1
380 Ring Road
Elizabethtown, KY 42701

Re: Request for File Search of Fire and Hazmat Responses: XEN007.0002.

To Whom It May Concern:

As part of Phase I Environmental Site Assessment activities, Hull & Associates, LLC. is requesting a copy of all underground storage tank information, historic fire and hazardous material responses on file for the following addresses:

Company Name	Address
New Manufacturing FA	N Black Branch Road
Carolyn Wimp Residence	308 Wimp Lane
Flex Film (USA), IN	1221 North Black BRA
Cecilia Farm Service	Robinson Street
Saint John Catholic Church	657 St. John Church Road
Metalsa Line #6 EXPA	750 North Black Branch Road
Akebono Brake Corp.	200 Ring Road

Sincerely,



Marissa Tomin
Hydrogeologist 1
330-697-1337
Hull & Associates, LLC
6397 Emerald Parkway, Suite 200
Dublin, OH 43016

APPENDIX K

Résumés of Environmental Professionals

■ CARA HENEGAR, CP, P.E. | Senior Project Manager

HULL

Environment / Energy / Infrastructure

EDUCATION:

Bachelor of Science, Civil
Environmental Engineering,
University of Cincinnati, 2000

CERTIFICATIONS:

- Certified Professional, Ohio Voluntary Action Program (VAP)
- Licensed Professional Engineer, Ohio

TRAINING:

- Occupational Safety and Health Administration 29 CFR 1910.120 40-hour Health and Safety Training with current 8-hour refresher

PROFESSIONAL

AFFILIATIONS:

- Commercial Real Estate Women of Greater Cincinnati, serving on Board as Treasurer
- University of Cincinnati, CEAS Alumni Board Member

Years with Hull: 3

Other: 15

Cara is experienced in managing a large number of projects, overseeing and coordinating subcontractors, and facilitating communications with clients and regulatory agencies. She is skilled in writing grant applications, project management, and grant administration. Cara has made a name for herself in finding creative solutions to minimize remediation through use of modeling, property specific risk assessments, and engineering controls.

Cara's expertise includes:

- Experienced with all aspects of real estate transaction due diligence, site assessment, remediation, and brownfield redevelopment. Has served as project manager and lead for hundreds of Phase I/Phase II Environmental Site Assessments at facilities including small to large retail facilities, commercial storage facilities, manufacturing facilities in the automotive parts/repair and metal processing industry, medical facilities, former industrial sites, and undeveloped property.
- Experienced with strategic economic development planning with port authorities and municipalities.
- Engineering including Permits to Install, NPDES permitting, SWPPP, SPCC, remediation system design.
- Provides assistance in the formation of public-private partnerships to advance economic development projects.
- Experienced with preparing Field Sampling and Analysis Plans, Quality Assurance Project Plans, Community Involvement Plans, and other Work Plans that support investigation and assessments for remedial actions and providing technical assistance for implementation of plan; budgetary estimates; and coordination with regulatory agencies.
- Responsible for managing and implementing site investigations and remedial activities by acting as an Ohio VAP Certified Professional; defining project scopes to meet client needs; providing technical oversight and guidance; reviewing and preparing assessment Work Plans; reviewing and comparing data with risk-based VAP standards; preparation of health-based risk assessments; preparation of Urban Setting Designations; and assisting in the development of remedial alternatives.
- Develops and implements hydrogeologic assessments, including data evaluation and the development of technical sampling strategies for sites impacted by petroleum, chlorinated solvents, and metals.

Selected project experience:

- Issued the No Further Action letter and was issued a Covenant Not to Sue (CNS) in June 2012 for the former DOD Defense Fuel Supply facility in Cincinnati, Ohio.
- Issued the No Further Action letter and was issued a CNS in March 2013 for the Red Bank Crossing site in Cincinnati, Ohio.
- Issued the No Further Action letter and was issued a CNS in September 2014 for the former Enquirer Building in Cincinnati, Ohio.
- Issued the No Further Action letter for the Cintas Facility in Cincinnati, Ohio in January 2020.
- Issued the No Further Action letter for the Former GKN Sinter Metals facility in Van Wert, Ohio in December 2020. CNS is pending agency review.
- Issued the No Further Action letter for Twining Street Property in Toledo, Ohio in December 2020. CNS is pending agency review.

■ **AMANDA GREEN** | Hydrogeologist I



EDUCATION:

- Bachelor of Science, Environmental Geology, Kent State University, 2018

TRAINING:

- CPR, First Aid and AED
- OSHA 40-Hour
- HAZWOPER
- Smith Driver Training

Years with Hull: 0
Other: 0

Amanda Green is a hydrogeologist with experience in Phase I and Phase II Ohio Voluntary Action Program (VAP) and American Society for Testing and Materials (ASTM) compliant Environmental Site Assessments.

Amanda's expertise includes:

Phase I Environmental Site Assessment

- Performs Ohio VAP and ASTM compliant Phase I Environmental Site Assessments.
- Responsible for site reconnaissance, interviews, data collection, correspondence with regulatory agencies, and report writing.

Phase II Environmental Site Assessment

- Responsible for the collection of air samples and the preparation of samples for laboratory analysis.