AN ARCHAEOLOGICAL SURVEY OF APPROXIMATELY Sixty Nine ACRES IN PENDLETON COUNTY, KENTUCKY FOR AN INDUSTRIAL PARK

NO LEAD AGENCY

NO SAI #

Project # - FY17-8997

KY ANTIQUITIES PERMIT # 2016-43

by

Dr. Jack M. Schock

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NOVEMBER 2016

Report requested by
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ABSTRACT

Dr. Jack M. Schock of Arrow Enterprises conducted an archaeological reconnaissance of 69 acres for an Industrial Park in Pendleton Kentucky on November 6th and 9th 2016. There is no Lead Agency and the Kentucky Project Number is FY17-8997.

There is no SAI #.

This archaeological survey was conducted at the request of Mr. Bill Mitchell of the Pendleton County Economic Development office of Falmouth . Kentucky 10 man -hours were spent in the field conducting this archaeological survey.

Two minor archaeological sites 15Pd3 (an Earthen Dam) and 15PD4 (a minor Prehistoric site yielding 7 flakes) were recorded in 1997. Both locations were later destroyed. Additional fieldwork on the east end of the project by O'Malley in 1997 found no sites. Plowed strips by Schock on undisturbed portions of this project also found no sites.Thus, there are no longer any sites on this project and no additional work is recommended for this project.

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INTRODUCTION

Dr. Jack M. Schock of Arrow Enterprises conducted an archaeological survey of 69 acres (Fig.1) for an industrial park in Pendleton, Kentucky. The investigation was conducted on November 6th and 9th 2,016 at the request of Mr. Bill Mitchell of Falmouth, Kentucky. This report is the result of an archaeological survey conducted to determine whether prehistoric or early historic archaeological sites will be affected by this project. The term historic is being used here to refer to pre-1950 sites. Such surveys are required on various funded or regulated projects to determine whether (1) any archaeological sites are present which will be affected by the project and (2) whether such sites meet the National Register of Historic Places criteria as expressed by 36 CFR 60.8.

The following information is quoted from 36 CFR Part 66 in (Federal Register, Vol. 42, No. 19 - Friday, January 28, 1977).

APPENDIX B - Guidelines for the Location and Identification of Historic Properties Containing scientific, Prehistoric, Historical or Archaeological data.

In order to notify the Secretary of the potential loss or destruction of significant, prehistoric, historical or archaeological data pursuant to sections 2, 3 and 4 of the Act in a manner that will permit the Secretary to act effectively in response to this notification, it is necessary that the agency provide appropriate documentation concerning the nature and significance of all historic properties, subject to impact that many contain such data. It is recommended that such documentation be generated by agencies in the course of their planning activities carried out under the authorities of the National environmental Policy Act of 1969 (Pub. L. 91-190) (NEPA), the National Historic Preservation Act of 1966 (Pub. L. 89-665) as amended (NHPA), Executive Order 11593, and related authorities.

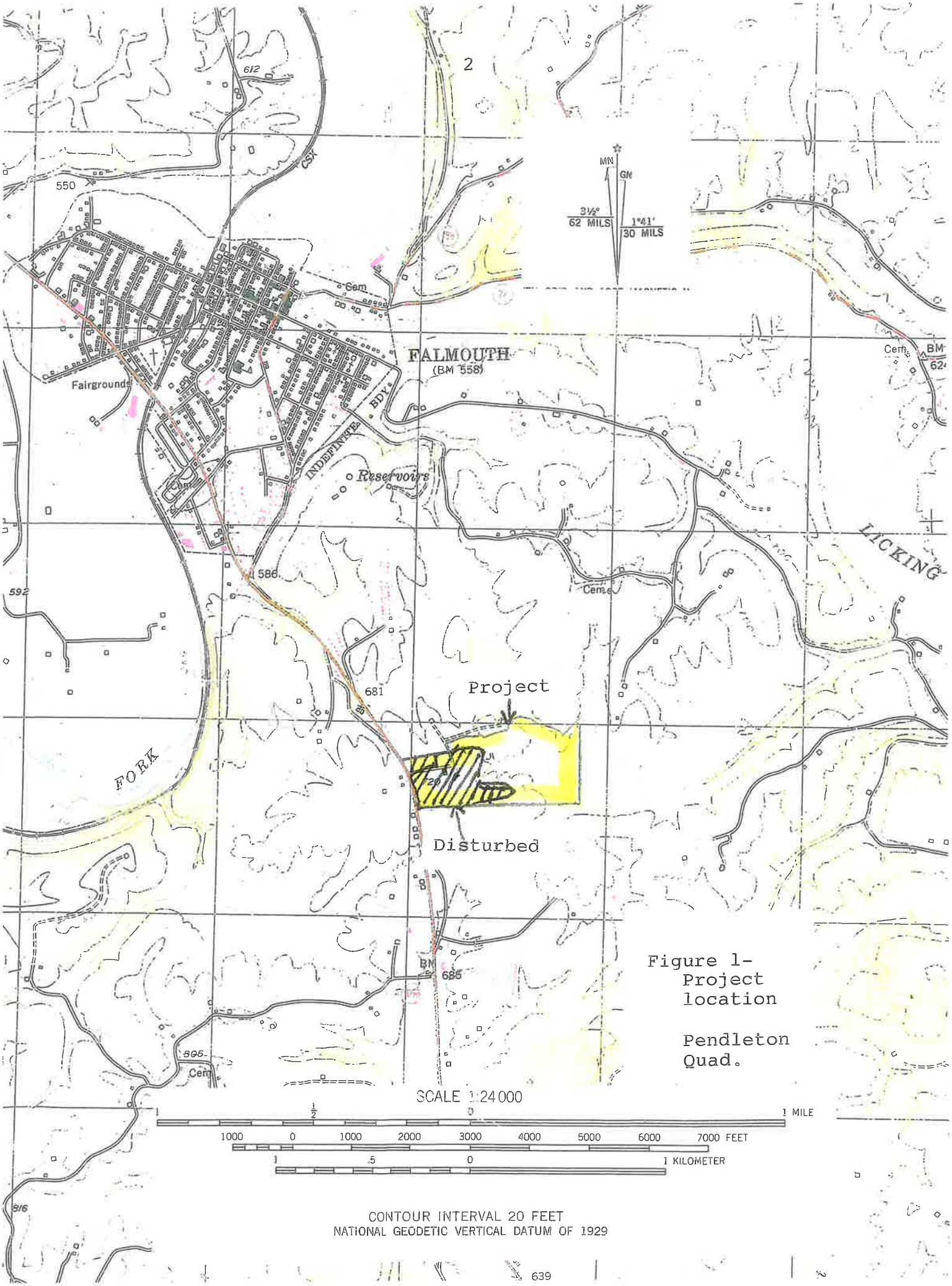

Figure 1- Project location

Pendleton Quad.

It is important that agencies understand the relationship among NEPA, such as general historic preservation authorities as the NHPA and the Archaeological and Historic Preservation Act. NEPA mandates the evaluation of project impacts of cultural resources. One kind of cultural resource is the historic property which is the concern of the NHPA and Executive Order 11595. Some historic properties contain scientific, prehistoric, historical and archaeological data.

If archaeological sites are located which will be affected by a project, their significance must be determined before further work can be recommended. The results of this determination are qualified on the basis of whether or not the site is worthy of nomination to the National Register of Historic Places.

The term "archaeological site" is used here where there is evidence of former human activity. Site numbering nomenclature is based on the Smithsonian system. No prehistoric or historic sites which warranted archaeological site numbers were found as a result of this survey; thus, the short form format is being used in this report.

THE ENVIRONMENTAL SETTING

Physiographically, Pendleton County is located in the Northern Bluegrass. The management area is the Outer Bluegrass (Pollack 1990:22-23).

Previous Archaeological Investigations

Pendleton County

Archaeological procedures included checking at the Office of State Archaeology regarding this proposed project. The site check request was performed on October 20th, 2016. The site search by the Kentucky Office of State Archaeology lists 8 archaeological sites. Site **15Pd3 and 15Pd4** were recorded by Ann Bader of the Louisville Corps of Engineers in 1997 (O'Malley 1997:1). Both sites were found in the western portion of this industrial park. Dr. Schock examined the site files at the

Figure 2
Shows former locations of 15Pd3 and15Pd4

Office of State Archaeology and looked at the site forms for the above listed sites. Site 15PD3 was an earthen dam with possible industrial use. (No such information was ever verified.) Site 15Pd4 was a minor prehistoric site which yielded 7 flakes. Both sites were destroyed by later construction . Bader examined part of the western part of the Industrial park in 1997 for the U.S Government. Much of the western part of the park was destroyed by land leveling in 1997 to place approximately 200 mobile homes in the park for those who had been flooded out in Falmouth, Ky. in 1997. There is no official report by Nader and Nancy O'Malley stated that she doubted that there ever was an official report. Site 15PD4 was destroyed in 1997. 15PD3 was destroyed in approximately 2000AD when a large factory was built in the area for a Bio diesel plant. The plant is still present but was never used. Bader, Schatz,McGrath and Maas (2012) surveyed 38 acres and recorded prehistoric inventory sites 15Pd25 and 15Pd26 and a historic-farm residence (15PD27) inventory site. There are no reports for historic farm residence sites 15Pd22 and 15Pd107 and prehistoric inventory site 15Pd36. Archaeological surveys which found no sites include a report by O'Malley (1997) for part of the eastern portion of this industrial park. Other surveys which found no sites include reports by Donham (1985) for apartments, a survey by Scarry (1992) for a manufacturing plant, and a survey by King (2000) for a communication tower.

ARCHAEOLOGICAL PROCEDURES

Archaeological procedures included checking at the Office of State Archaeology for any known sites within two kilometers of this project . Those sites which are within two kilometers of this project are discussed in the section Previous Archaeological Investigations. Figure1 1 shows destroyed portions of the project. Figure 2 shows the locations of destroyed sites **15Pd3 and 15Pd4. Figure 3 shows** strip plowed areas in non destroyed portions of the project. The strip plowed locations averaged 3

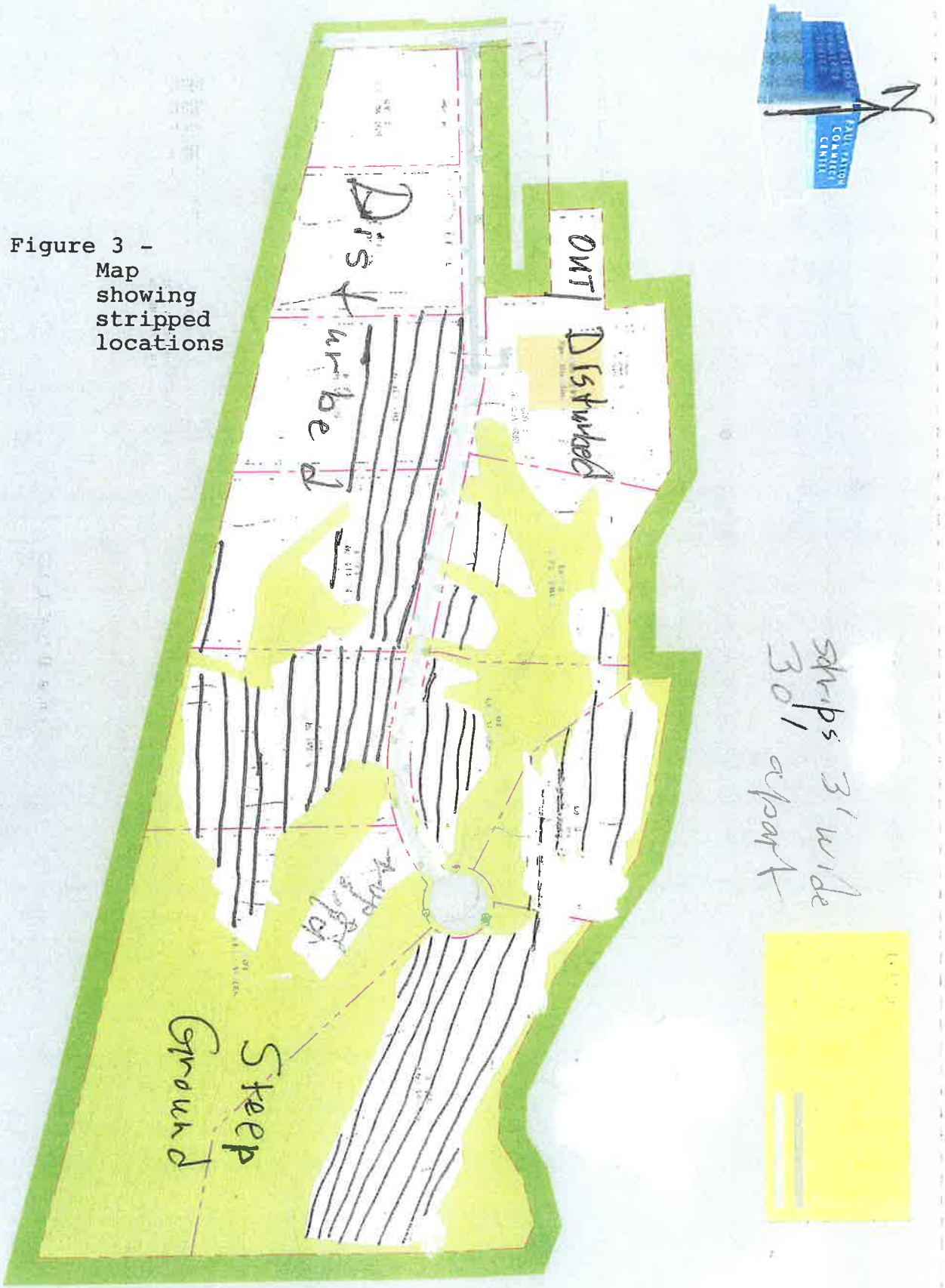

Figure 3 - Map showing stripped locations

feet in width and were approximately 30 feet apart . These locations were all walked after they had been rained on No cultural material was found. The soil was mostly a brownish yellow (10YR 6/6). Some areas had lots of rocks. The forested areas were all too steep for sites. Nancy O 'Malley (1997) also examined part of the eastern portion of the project and was aided by two students who excavated 87 shovel probes with negative results. Figure 5 shows the industrial plant which was built around 2000. 13 screened shovel tests were placed north of the industrial building (Figure 2) . All top soil was screened through ¼ inch wire mesh. All the shovel tests had a brown top soil which was 14 cm in depth No cultural material was found.

IMPACT ON ARCHAEOLOGICAL RESOURCES

Two minor sites 15PD3 (an earthen dam) and 15PD4 (a prehistoric plow zone site which yielded 7 flakes) were recorded in 1997. Site 15PD 4 was destroyed in 1997 and site 15 PD3 in about 2000. Thus there are no longer any sites within this project 2.

PR0JECT SUMMARY AND RECOMMENDATIONS

Dr. Jack M. Schok of Arrow Enterprises conducted an archaeological reconnaissance of 69 acres for an industrial park in Pendleton, Kentucky on Nov. 6th and 9th, 2016. There is no Lead Agency. and the Kentucky Project # is FY17-8997. There is no SAI# at this time.

This archaeological survey was conducted at the request of Mr. Bill Mitchell of Falmouth, Kentucky. 10 hours were spent in the field conducting this archaeological survey. Two minor archaeological sites 15Pd3 (an earthen dam) and 15Pd4 (a minor prehistoric site yielding 7 flakes)

Figure 3 - Photograph of strip plowed hillside

Figure 5 - Photograph of industrial building

were recorded in 1997. Both locations were later destroyed by construction activities. Additional fieldwork on the eastern end of the project by O 'Malley in 1997 found no sites. Plowed strips by Schock on undisturbed portions of the project also found no sites. Thus there no longer any sites on this project and no additional work is recommended for this project.

References

Bader, Anne, David W. Schatz, Katheryn McGrath and Anna Maas
2012 Phase I Archaeological Survey of approximately 38 acres in Falmouth , Pendleton County, Kentucky.

Donham, Theresa
1985 Phase I Archaeological Investigations in the AbbeyWood Apartments Area., Falmouth , Pendleton, County Kentucky.

King, Bryan C.
2002 Archaeological Survey of the proposed Voice Stream Powell Farm site Telecommunication Tower In Pendleton, Kentucky.

O;'Malley, Nancy
1997 Cultural resource assessment of a portion of the Pendleton County Industrial Park Tract.

Pollack, David
1990 Archaeology of Kentucky. Past Accomplishments and Future Directions.
Volume One. Kentucky Heritage State Historic Preservation Plan. Report No. 1.

Scarry, John F.
1992 Cultural Resource Assessment of the P-C Manufacturing Company, Inc. South of Falmouth in Pendleton County, Kentucky.

VITA

The investigator's vita is on file at both the Kentucky Heritage Council and the Office of the State Archaeology.

SCHOCK, JACK M.

PhD - Anthropology, State University of New York at Buffalo, 1974

M.S. - Anthropology, University of Kansas, 1964

Retired Professor of Anthropology
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Forty years of professional archaeological work in Kentucky and have written and submitted 1500+ archaeological reports.

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PRESERVATION OFFICER

December 21, 2016

Dr. Jack M. Schock
Principal Investigator
Arrow Enterprises
656 Players Crossing Way
Bowling Green, Kentucky 42104

Re: An Archaeological Survey of Approximately Sixty Nine Acres in Pendleton County, Kentucky for an Industrial Park

Dear Dr. Schock,

Thank you for the above-referenced report. This survey visual surface inspection, strip plowing, and the hand excavation of 13 shovel test probes within the project area. No cultural resources were found during the survey. As no cultural resources listed in or eligible for listing in the National Register of Historic Places (NRHP) apparently exist within the project area, you have recommended no further work for the project.

We concur with the survey findings and with the recommendation made. We accept the above-referenced report without revision.

Should the project plans change, or should additional information become available regarding cultural resources or citizens' concerns regarding impacts to cultural resources, please submit that information to our office as additional consultation may be warranted. Should you have any questions, feel free to contact Yvonne Sherrick of my staff at 502.564.7005, extension 113.

Sincerely,

Craig A. Potts,
Executive Director and
State Historic Preservation Officer

CP: KHC #48101 - 4
cc: George Crothers (OSA); Bill Mitchell (Pendleton Co. Economic Development Office)

KENTUCKY OFFICE OF STATE ARCHAEOLOGY

University of Kentucky, 1020A Export Street, Lexington, KY 40506-9854

859-257-1944 • fax: 859-323-1968 • email: ky-osa@lsv.uky.edu

Permit for Archaeological Investigations on State, County, or Municipal Lands Pursuant to KRS 164.720. Permit required to excavate.

PERMIT NUMBER 2016-43
COUNTY OF Pendleton
Expiration Date: 31 December 2016

This permit authorizes:

Name: Jack Schock
Affiliation: Arrow Enterprises
Address: 656 Players Crossing Way

Bowling Green, KY 42104

and qualified individuals working under the direct supervision of the permittee to explore, excavate, appropriate, or remove from land owned or leased by the Commonwealth or any state agency or any political subdivision or municipal corporation of the commonwealth, any archaeological site or object of antiquity in accordance with the following described project:

Phase I archaeological survey of 69 acres for the Pendleton County industrial park.

Purpose of Collection: identify and evaluate cultural resources

Dispostion of Collection and Special Conditions: All official notes, records, and artifacts are property of the Commonwealth and are to be retained permanently for future study and stored with an appropriate institution. This permit does not authorize the collection of any items or objects of antiquity for personal use.

This permit is issued on November 10, 2016 by:

George M. Crothers
Director, Office of State Archaeology