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Second Interim Cultural Resources Management Report

**Additional Phase I Survey and
Phase II Evaluations of 11 Prehistoric Sites
within the Keystone Pipeline Project Corridor,
Audrain, Montgomery, Lincoln, and St. Charles Counties, Missouri**

Prepared for
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This document is the second interim report describing archaeological investigations conducted by American Resources Group, Ltd. (ARG), along the Missouri section of the proposed Keystone pipeline route in Audrain, Montgomery, Lincoln, and St. Charles counties, Missouri. The findings summarized herein are the results of a Phase I survey conducted between June 16, 2006, and December 5, 2006, and of concurrent Phase II test excavations carried out at selected sites recorded during an earlier survey within the project corridor (Myers and Lence 2006). The contents of this report will be combined with those of the first interim report (Myers and Lence 2006) and those of subsequent interim reports upon the completion of the fieldwork for this project.

The first interim report for this project (Myers and Lence 2006) described the results of the Phase I survey of accessible portions of the Keystone project corridor conducted between May 17 and June 15, 2006. Twenty-one archaeological sites were recorded during the initial survey, which involved investigation of 34 miles (44 percent) of the 200-foot-wide project corridor. Preliminary assessments of site significance presented in the first interim report (Myers and Lence 2006) suggested that 11 of the 21 identified sites were potentially eligible for listing to the National Register of Historic Places (NRHP). Because site avoidance was not feasible, a Phase II research design for the formal evaluation of the potentially eligible sites was also presented (Myers and Lence 2006). The objectives and methods of the Phase II investigation presented in the latter document are outlined in the second section of this report, followed by the results of the Phase II investigations.

The first section of this report presents descriptions of the 14 archeological sites recorded during the survey of 39 miles of project corridor conducted since the completion of the first interim report (Meyers and Lence 2006). The 14 sites include eight prehistoric sites, four historic sites, and two sites containing both prehistoric and historic components. Only one site (ARG MO 26) is evaluated as potentially eligible for NRHP listing; the remainder do not meet the criteria of significance for listing on the NRHP.

The second section of this report presents the results of the Phase II investigations at sites evaluated as potentially eligible for listing on the NRHP in the first interim report (Meyers and Lence 2006). The Phase II investigations were conducted concurrently with the additional Phase I survey described in the first section of this report. Although 11 sites were recommended for Phase II testing to determine their NRHP eligibility status (Meyers and Lence 2006:Table 1), Phase II investigations were completed at only seven of the 11 sites. Access was denied to one site, site 11SC1054, by the landowner; therefore, no additional work was conducted and its significance remains indeterminate pending further investigations. Following an additional surface survey at site 23SC1055 and additional shovel testing at sites 23LN299 and 23LN308, Phase II investigations were terminated at these three sites. The paucity of artifacts and extent of disturbance found at each of these sites indicated the three sites did not meet the criteria of significance for listing on the NRHP; therefore, it was not necessary to excavate any test units or trenches. Phase II investigations, including hand-excavated test units and mechanically-excavated trenches, were completed at the remaining seven sites (23MT420, 23LN298, 23LN300, 23LN301, 23LN307, 23LN303, and 23SC1056). Following the completion of the Phase II investigations, these seven sites were evaluated as ineligible for listing on the NRHP.

The fieldwork for this project remaining to be completed includes additional Phase I survey of the final sections of the pipeline corridor and examination of any reroute corridor segments and additional areas related to work staging, pipe and supplies storage yards, boring entry and exit areas, etc. Therefore, it is possible additional sites will be discovered, some of which may require investigation beyond surface survey. The objectives and methods of the Phase II approach presented herein are likely to apply, or can be modified, if necessary, to accommodate additional sites if encountered.

The primary objective of these Phase I and II investigations was to recover information to be used in the evaluation of the sites in terms of the NRHP eligibility criteria. These actions are taken in accordance with Section 106 of the National Historic Preservation Act (1966, as amended), Executive Order 11593 "Protection and Enhancement of the Cultural Environment" (May 13, 1971), the Archaeological and Historic Preservation Act (1974), the Procedures for the Protection of Historic and Cultural Properties (36 CFR 800), and Missouri laws protecting of human burials (sec. 194.400-194.401, revised statutes 1991).

Results of Phase I Survey

To date, 73 miles (78 percent) of the 86 miles of project corridor selected for survey have been surveyed, and a total of 35 archaeological sites has been identified within the 200-foot-wide project corridor and additional survey areas. The first interim report (Myers and Lence 2006) presented the results of the Phase I survey conducted between May 17 and June 16, 2006, which resulted in 21 sites being recorded. Property access limitations and worsening crop conditions resulted in a hiatus in the survey fieldwork following the initial effort.

This report presents the results of the Phase I survey completed between June 16 and December 5, 2006. Fourteen archeological sites—eight prehistoric sites, four historic sites, and two sites containing both prehistoric and historic components—were identified during the survey of the 39 miles of project corridor conducted during this round of fieldwork. One of the 14 sites (ARG MO 26) is evaluated as potentially eligible for NRHP listing, but each of the other sites appears to be ineligible (Table 1).

Each of the site descriptions that follows includes an inventory of the artifacts recovered at the site, a site interpretation and evaluation, and a management recommendation. A topographic map showing the site location and a sketch map are also provided for each site. It is important to emphasize that many of the sites appear to extend outside the project corridor, so portions of these sites remain uninvestigated.

The site descriptions that follow are presented in the order in which they occur, from west to east, along the proposed pipeline route. Artifact inventory tables are included in Appendix A for all the sites. Selected artifact and site photographs will be included in the full technical report.

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