August 12, 2010

Todd Pitezel
Arizona State Museum
The University of Arizona
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Tucson, AZ 85721-0026

Mr. Pitezel,

Augusta Resource Corporation, the parent company of the Rosemont Copper Company (Rosemont), proposes to develop and operate a copper mine in the Santa Rita Mountains of Pima County. Rosemont has requested that Tucson Electric Power Company (TEP) provide electricity to the operations site. TEP proposes to construct a new 138 kilovolt line between a proposed substation/switchyard and the proposed Rosemont Substation. Rosemont has contracted with EPG, Inc. (EPG) to work with TEP to help site the new line. The project area of potential effect (APE) for the Class III cultural resources survey encompasses 1399.3 acres. This APE is designed to accommodate the collocation of multiple utilities in a single corridor that is approximately 19.4 miles long. The width of the corridor varies due to uncertainty regarding the precise location of the power transmission line.

The town of Helvetia has been recorded as an archaeological site (  but the cemetery, located approximately 1.2 miles southwest of the townsite, has not been previously documented. In 2009, EPG archaeologists conducted a survey of the proposed transmission line corridor, which encompassed the Helvetia Cemetery. At the request of the Arizona State Museum (ASM), EPG did not then document the cemetery because it is still visited and maintained by the families of those buried there. However, after subsequent disturbance to the cemetery in the form of “grave dowsing”, the ASM requested that EPG record the cemetery under ASM Accession Number 2009-830. EPG also completed a Historic Property Inventory Form for Cemeteries and Graves, which will be filed at the Arizona State Historic Preservation Office as part of the Inventory of Arizona Historic Cemeteries.

The town of Helvetia was founded in 1891 for the workers from the surrounding copper mines. At its peak, the city had 550 inhabitants, most of which were Mexicans. In 1911 the mines closed due to low commodity prices. The Helvetia Post Office opened on December 12, 1899 and closed on December 31, 1921 (Barnes 1988; Sherman and Sherman 1969). Currently, Helvetia consists of mining features, the remains of structures and several historic artifact scatters.

Helvetia Cemetery is located approximately of the Helvetia townsite, and of Helvetia Road. The cemetery is situated on state land managed by the Arizona State Land Department within Section 21, Township 18 South, Range 15 East, G&SRBM, as depicted on the Helvetia, Arizona U.S. Geological Survey 7.5-minute topographic quadrangle map (Figure 1). EPG recorded (Table 1) surrounded by a
Figure 1. Location of Helvetia Cemetery.
Table 1. Marked Graves at Helvetia Cemetery.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>John Smith</td>
<td>Main 1</td>
<td>None</td>
</tr>
<tr>
<td>2</td>
<td>Mary Jones</td>
<td>Main 2</td>
<td>None</td>
</tr>
<tr>
<td>3</td>
<td>David Lee</td>
<td>Main 3</td>
<td>None</td>
</tr>
<tr>
<td>4</td>
<td>Sarah Johnson</td>
<td>Main 4</td>
<td>None</td>
</tr>
<tr>
<td>5</td>
<td>Michael Smith</td>
<td>Main 5</td>
<td>None</td>
</tr>
<tr>
<td>6</td>
<td>Elizabeth</td>
<td>Main 6</td>
<td>None</td>
</tr>
<tr>
<td>7</td>
<td>Henry Brown</td>
<td>Main 7</td>
<td>None</td>
</tr>
<tr>
<td>8</td>
<td>Linda</td>
<td>Main 8</td>
<td>None</td>
</tr>
<tr>
<td>9</td>
<td>Richard</td>
<td>Main 9</td>
<td>None</td>
</tr>
</tbody>
</table>

Ex. (b) (3)
Table 1. Marked Graves at Helvetia Cemetery.
The cemetery of Helvetia are discussed in more detail below. The majority of the graves (including Photograph 1). Most of the (Photograph 2). Some of the but others were smaller and were constructed to support a cross.

The majority of the people buried at Helvetia Cemetery have These graves may represent the for the town of Helvetia. There is also a cemetery at the original Helvetia townsite but information on those buried there was not readily available. There is also a possibility that those buried at Helvetia Cemetery are (Photograph 3). If these

According to the Arizona Pioneer and Cemetery Research Project (APCRP), the graves at Helvetia Cemetery range 7. Of the and to (Photograph 4). The condition of (Photograph 5). The According to the Arizona Pioneer and Cemetery Research Project (APCRP) (2010),


(Photograph 7).
Figure 2. Helvetia Cemetery.
REFERENCES CITED

APCRP

Barnes, Will C.

Griffith, James
1993  Beliefs and Holy Places: A Spiritual Geography of the Pimeria Alta. The University of Arizona Press, Tucson.

Sherman, James E., and Barbara H. Sherman

If you have any questions of if you require additional information, please do not hesitate to contact me either by telephone (602) 956-4370 or email (clonardo@epgaz.com).

Sincerely,

Cara Lonardo
Laboratory Director/Archaeologist
EPG, Inc.