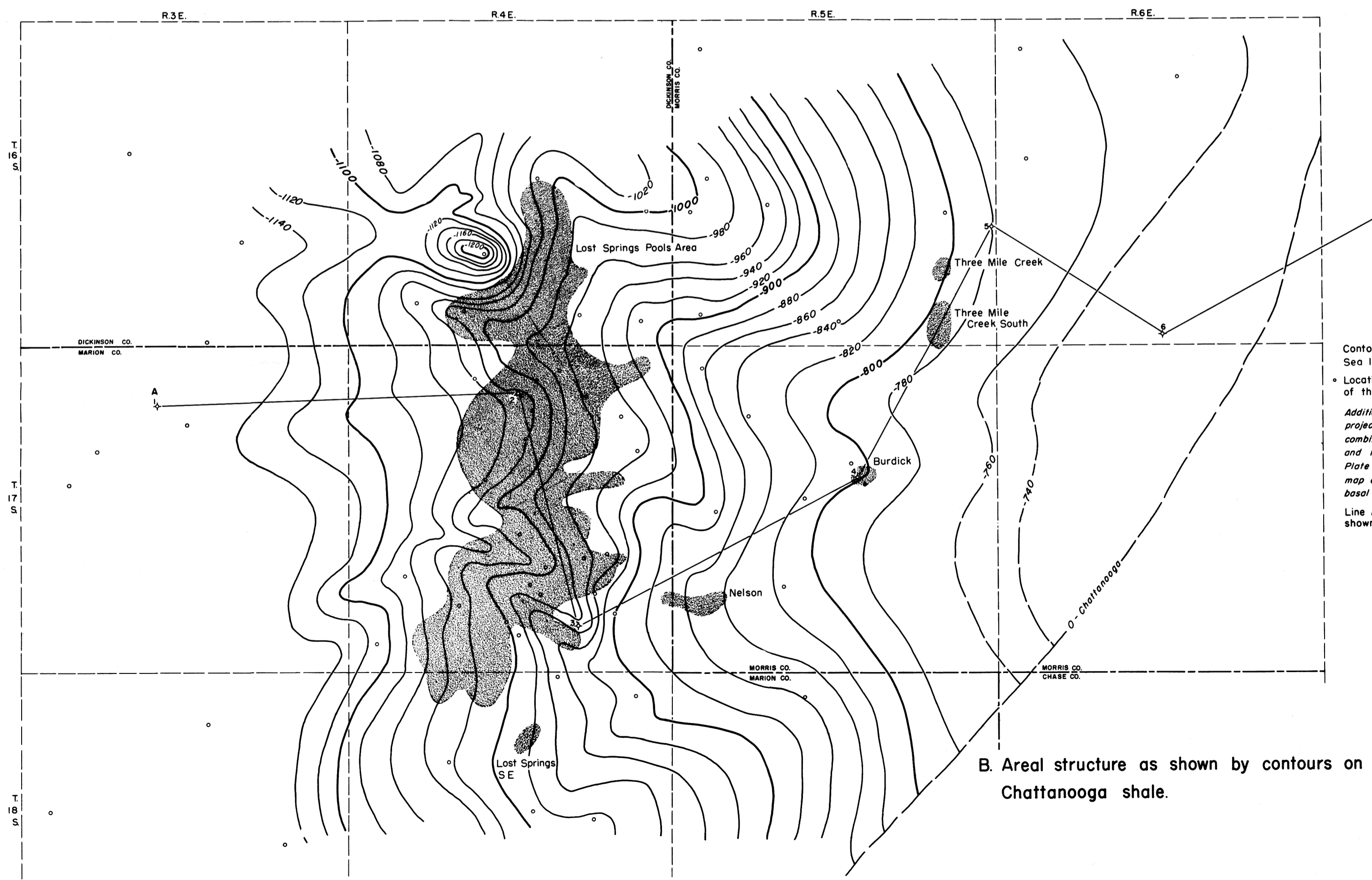
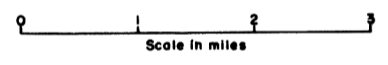


A. Isopachous map of the Chattanooga shale.

**EXPLANATION**  
 Contour interval = 25 feet  
 • Location of well drilled through the Chattanooga shale from which thickness can be determined.  
 ■ Area that is producing oil or has produced oil from the Pennsylvanian basal conglomerate.  
 Line A-B is line of cross-section shown in Plate IA.



B. Areal structure as shown by contours on top of the Chattanooga shale.

**EXPLANATION**  
 Contour interval = 20 feet  
 Sea level datum  
 • Location of well drilled to top of the Chattanooga shale.  
*Additional contour control afforded by projecting isopachous thickness of combined Pennsylvanian conglomerate and Mississippian limestones of Plate 3A downward from the structure map on top of the Pennsylvanian basal conglomerate.*  
 Line A-B is line of cross-section shown in Plate IA.