

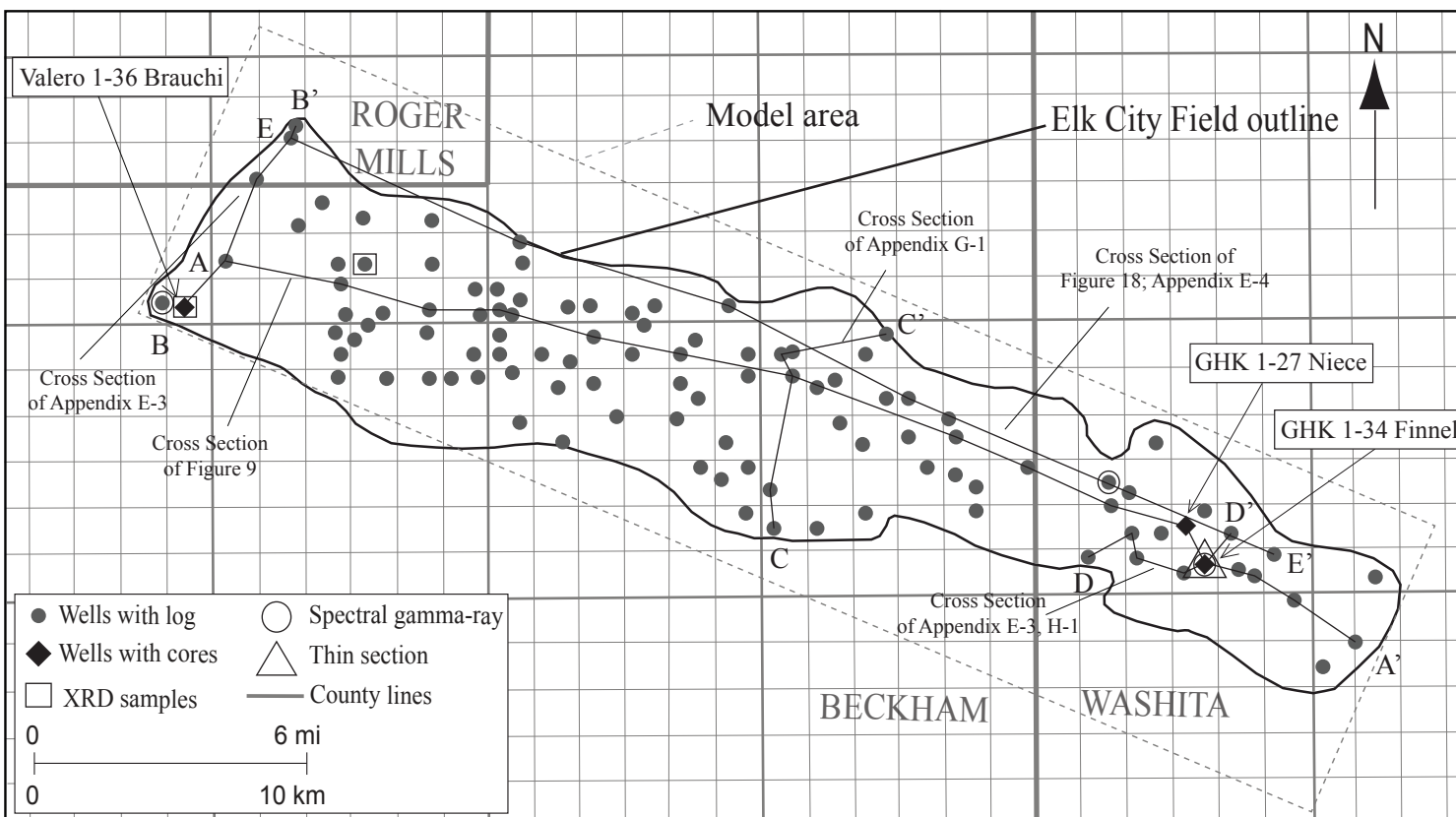


Figure 2. Detailed study area. There are 117 wells with wireline logs. Wells with core, spectral gamma-ray log, XRD data, and thin section data are indicated with different symbols. Elk City Field outline is modified from Boyd, 2002, Maps of Oklahoma Oil and Gas Fields. The model boundary is shown with dashed lines. See Figure 1 for the location of the study area.