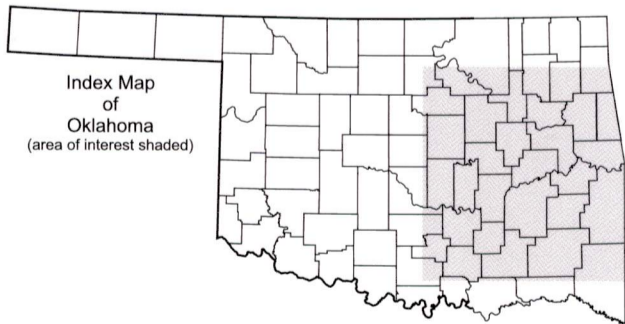


Structural interpretations by Richard D. Andrews from NRIS;
unpublished maps by John Sherk (east third) and Kurt Rottmann
(western townships); Blackwood (1999), Stout (1991), Jefferies (1982).



- EXPLANATION
- Wapanucka Formation including the Wapanucka Limestone
 - Cromwell Sandstone outcrop
 - Morrow & Springer undifferentiated:
 - mostly shale south of Choctaw Fault
 - limestone, shale, and minor sandstone in NE Oklahoma
 - Structure contours
 - Subsurface limit of Cromwell
 - Cromwell core described in Appendix 5
 - Cromwell field study location
 - Regional cross section
 - Normal faults; both minor and major. Relative movement; U = upthrown side; D = downthrown side
 - Regional subsurface normal fault; barbs on relative downthrown block
 - Major thrust fault, exposed or interpreted to occur at surface; sawteeth on upper plate

PLATE 3. MAP SHOWING REGIONAL STRUCTURE AT THE TOP OF THE WAPANUCKA LIMESTONE (ABOVE CROMWELL) IN THE ARKOMA BASIN AND CHEROKEE PLATFORM PROVINCES IN EASTERN OKLAHOMA

By
Richard D. Andrews