




Base from U.S. Geological Survey  
Oklahoma City, 1:250,000, 1957-78,  
Fort Smith, 1:250,000, 1978

**EXPLANATION**

-  POTENTIOMETRIC SURFACE CONTOUR--Shows altitude of calculated potentiometric surface, 1982. Interval 20 feet. National Geodetic Vertical Datum of 1929
-  BOUNDARY OF AREA OF ACTIVE NODES
-  BOUNDARY OF MODELED AREA

**CALCULATED POTENTIOMETRIC SURFACE FOR THE TRANSIENT SIMULATION OF THE 1982 HEAD DISTRIBUTION IN THE ALLUVIAL AND TERRACE AQUIFER, NORTH CANADIAN RIVER, EAST-CENTRAL OKLAHOMA**