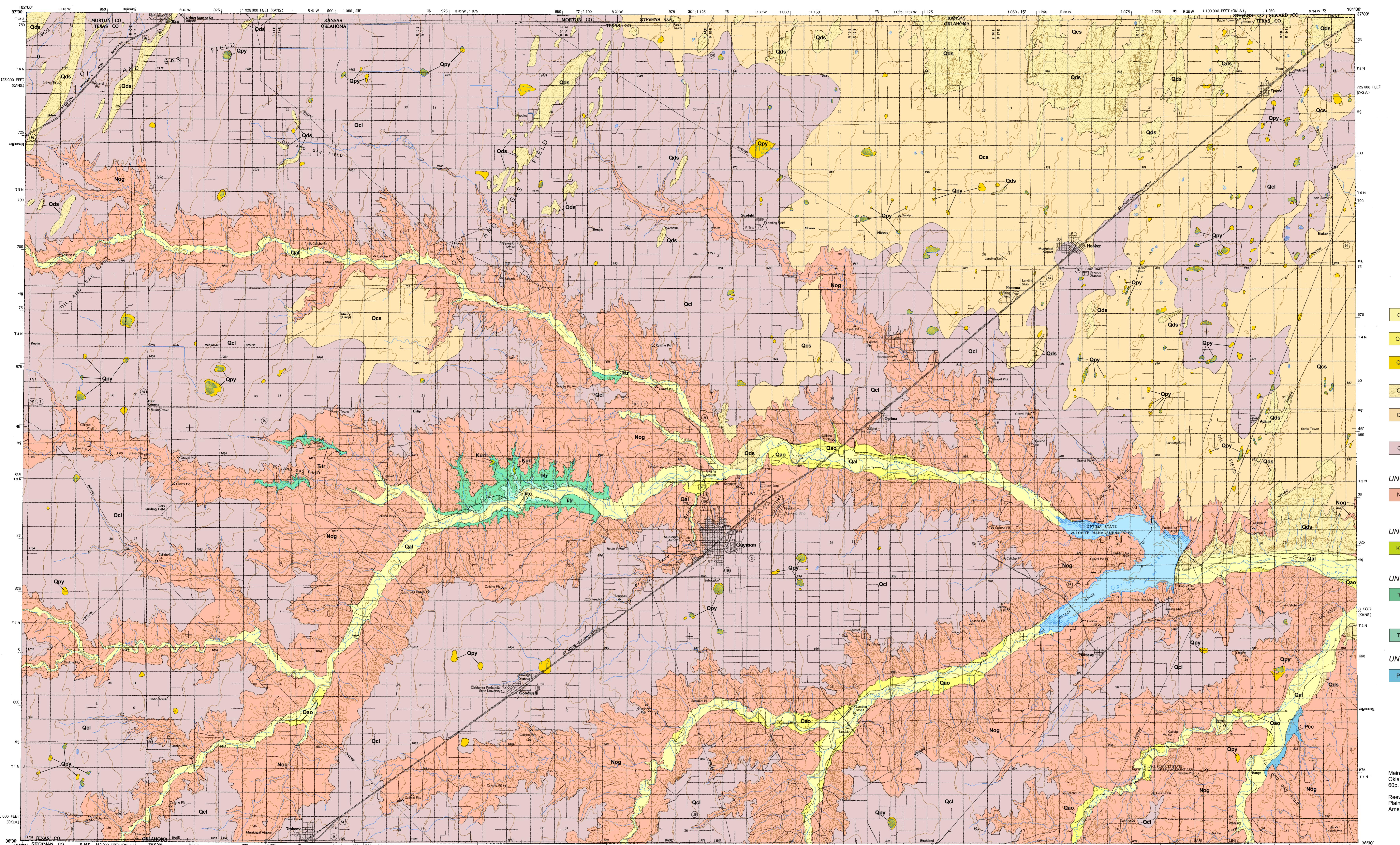




OKLAHOMA GEOLOGICAL SURVEY
Charles J. Mankin, *Director*



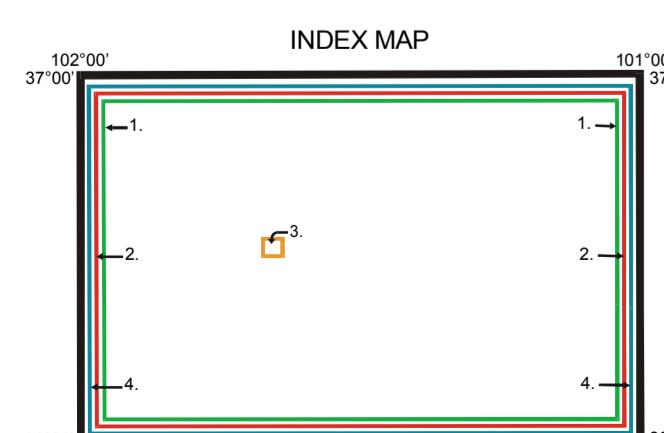
**Monoma Geologic Quadrangle OGQ-36
Geologic Map of the Guymon
30' X 60' Quadrangle
(previously Open-File Report OF9-2003)**



GEOLOGIC MAP OF THE GUYMON 30' X 60' QUADRANGLE, TEXAS COUNTY, OKLAHOMA

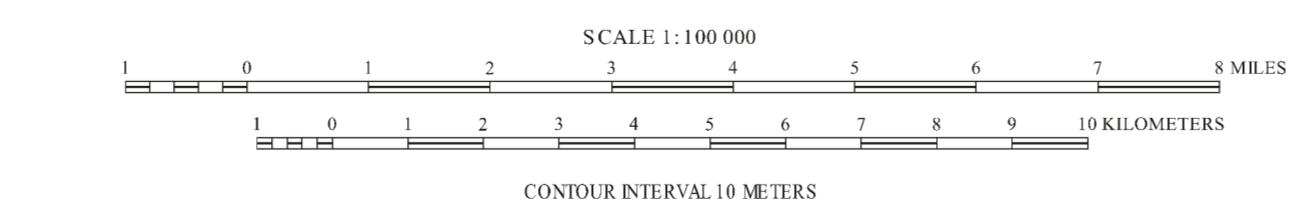
**Compiled by Neil H. Suneson and Thomas M. Stanley
Cartography by G. Russell Standridge
2002**

2002



MAP REFERENCE

1. Barnes, V.E., 1970, Geologic atlas of Texas, Perryton Sheet: Bureau of Economic Geology, The University of Texas, Austin, 1 sheet, scale 1:250,000.
 2. Schoff, S.L., 1939, Geology and ground water resources of Texas County, Oklahoma: Oklahoma Geological Survey Bulletin 59, 248p.
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 4. Wood, P.R., and Hart, D.L., 1967, Availability of ground water in Texas County, Oklahoma: U.S. Geological Survey Hydrologic Investigations Atlas HA-250, 3 sheets, scale 1:125,000.



The base map is a topographic map of the central United States, specifically focusing on the state of Oklahoma and parts of surrounding states. The town of Guymon, Oklahoma, is highlighted with a red box. A coordinate grid is overlaid on the map, with latitude lines at 34°, 35°, 36°, and 37° and longitude lines from 103° to 95° in increments of 1°. Towns and cities labeled include: Boise City, Guymon (highlighted), Beaver, Buffalo, Alva, Ponca City, Pawhuska, Bartlesville, Neosho, Woodward, Fairview, Enid, Keystone Lake, Tulsa, Fayetteville, Foss Reservoir, Watonga, Oklahoma City North, Bristow, Muskogee, Stillwell, Elk City, Anadarko, Oklahoma City South, Shawnee, Eufaula, Fort Smith, Altus, Lawton, Pauls Valley, Ada, McAlester, Mena, Vernon, Burk Burnett, Ardmore, Tishomingo, Antlers, De Queen, Wichita Falls, Gainesville, Sherman, Paris, and Idabel.

Base Map Credits
was compiled by the U.S. Geological Survey from 1:24000-scale
dated 1967-1974. Planimetry revised from aerial photographs taken
1982. Universal Transverse Mercator (UTM) projection. 1927 North
25,000-foot grid ticks based on Oklahoma coordinate system, north
coordinate system, south zone. 10,000-meter UTM grid, zone 14.

Geologic Map Credits
and field checked by Neil H. Suneson and Thomas M. Stanley, 1998-
ern part of the quadrangle includes the southern part of Morton,
ward Counties, Kansas. Research supported by the U.S. Geological
Cooperative Geologic Mapping Program, under Assistance Award
2060. The views and conclusions contained in this document are
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en-File Report OF9-2003. Map revised and published as OGQ-36.
ayout prepared by G. Russell Standridge, 2002.