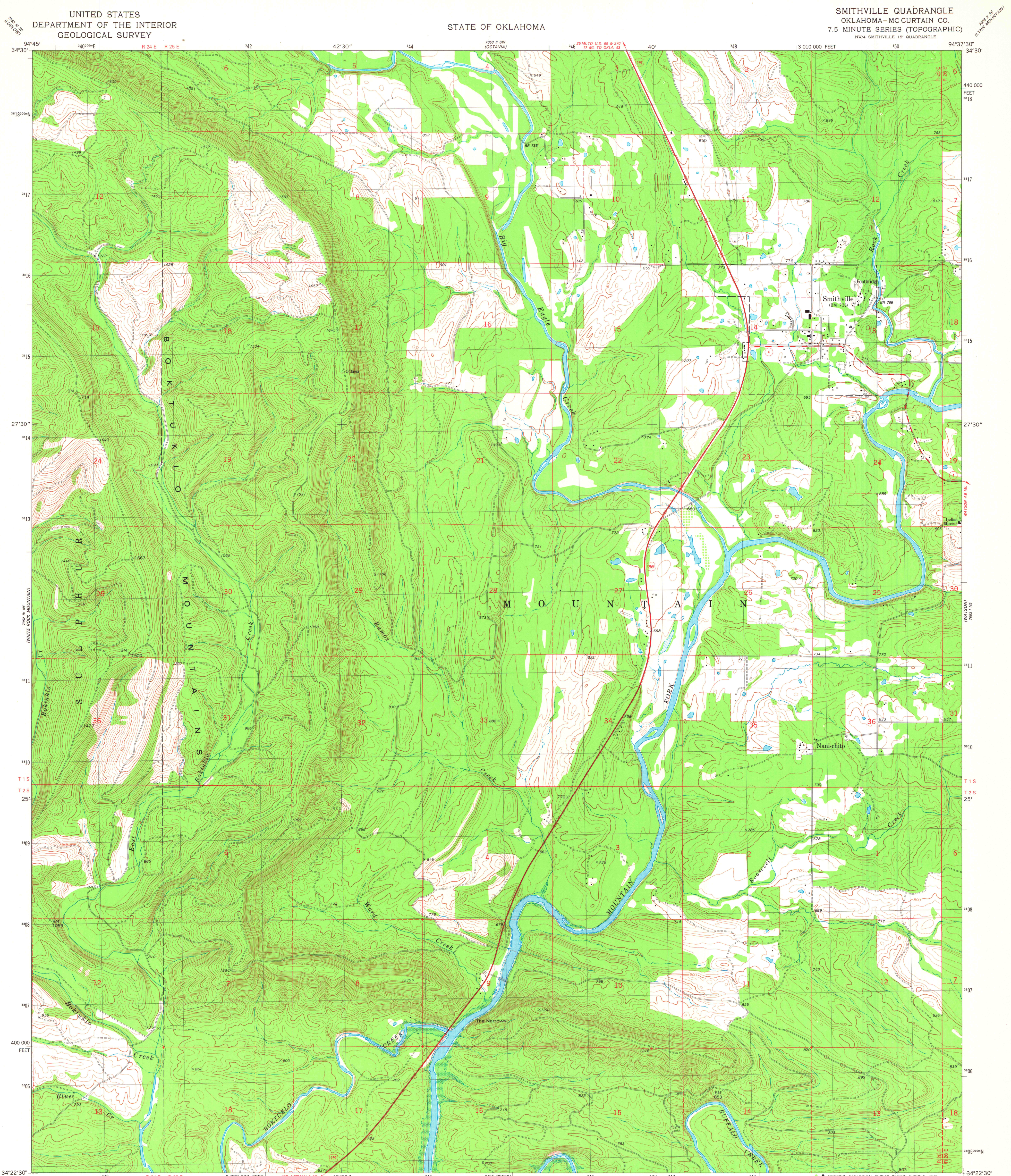




Mapped, edited, and published by the Geological Survey in cooperation with the Oklahoma Highway Department, Oklahoma Water Resources Board, and Oklahoma State Soil Conservation Board

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1977. Field checked 1978. Map edited 1981

Projection and 10,000-foot grid ticks: Oklahoma coordinate system, south zone (Lambert conformal conic)

1000-meter Universal Transverse Mercator grid, zone 15 1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 7 meters south and 20 meters east as shown by dashed corner ticks

Dashed light-blue pattern indicates areas subject to controlled inundation by Broken Bow Lake

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

0°57' 17" Mils
6° 107" Mils

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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ROAD CLASSIFICATION

Primary highway, hard surface
Secondary highway, hard surface
Unimproved road
Light-duty road, hard or improved surface
Unimproved road

Interstate Route
U. S. Route
State Route

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SMITHVILLE, OKLA.
NW/4 SMITHVILLE 15' QUADRANGLE
N3422.5-W9437.5/7.5

1981

DMA 7052 1 NW-SERIES V883