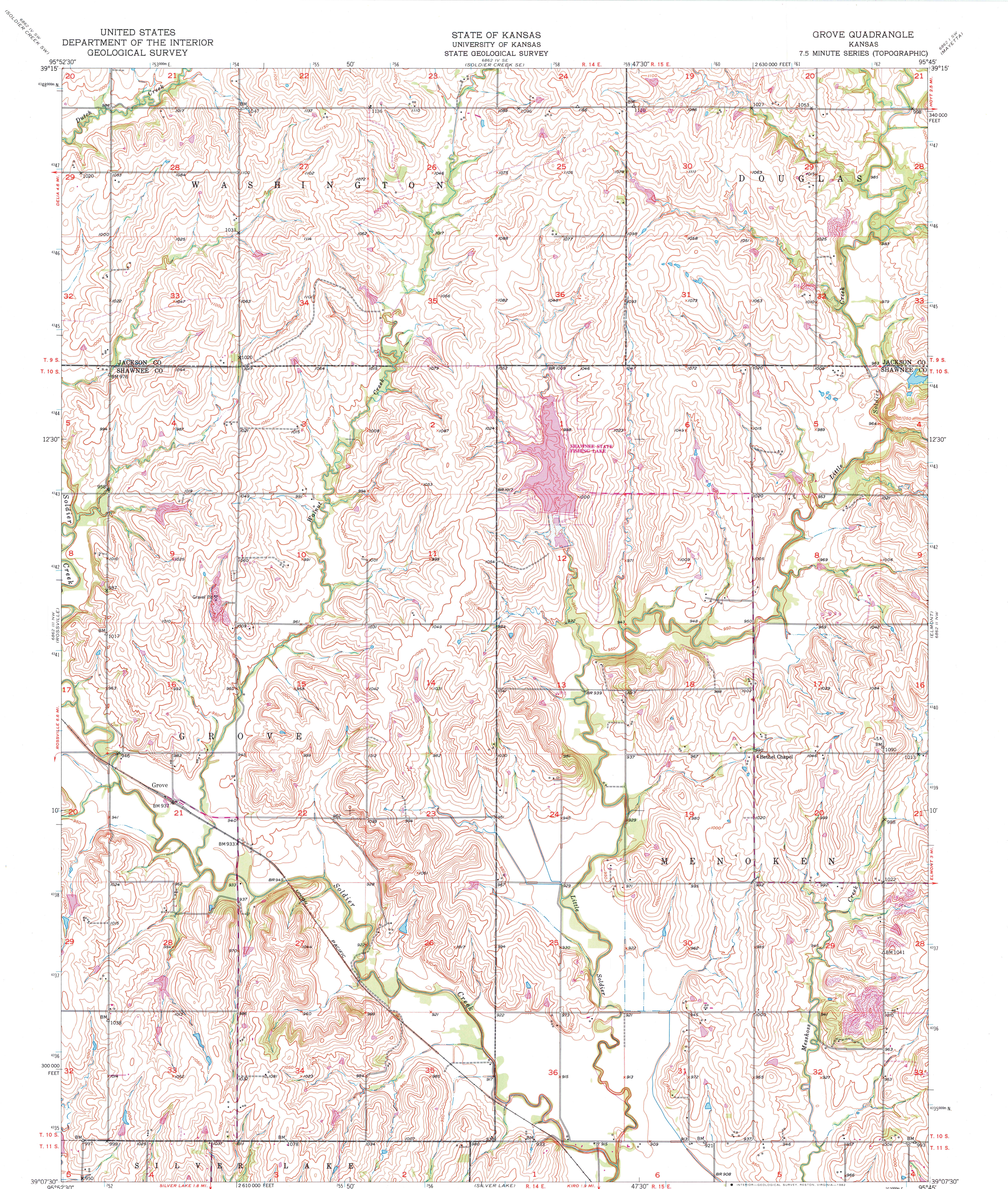




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF KANSAS
UNIVERSITY OF KANSAS
STATE GEOLOGICAL SURVEY

GROVE QUADRANGLE
KANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)

Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by Kelsh plotter
Aerial photographs taken 1948. Field check 1952
Polyconic projection. 1927 North American datum
10,000-foot grid based on Kansas coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue
To place on the predicted North American Datum 1983
move the projection lines 3 meters north and
23 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries of
the National or State reservations shown on this map
Revisions shown in purple compiled from aerial photographs taken 1981
and other sources. This information not field checked. Map edited 1982

Scale 1:24,000
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION
Heavy-duty 4 LANE 1/2 LANE Light-duty
Medium-duty 4 LANE 1/2 LANE Unimproved dirt
U.S. Route State Route

MAP AND AIR PHOTO
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Madison

GROVE, KANSAS.
N3907.5-W9545.75
1952
PHOTOREVISED 1982
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