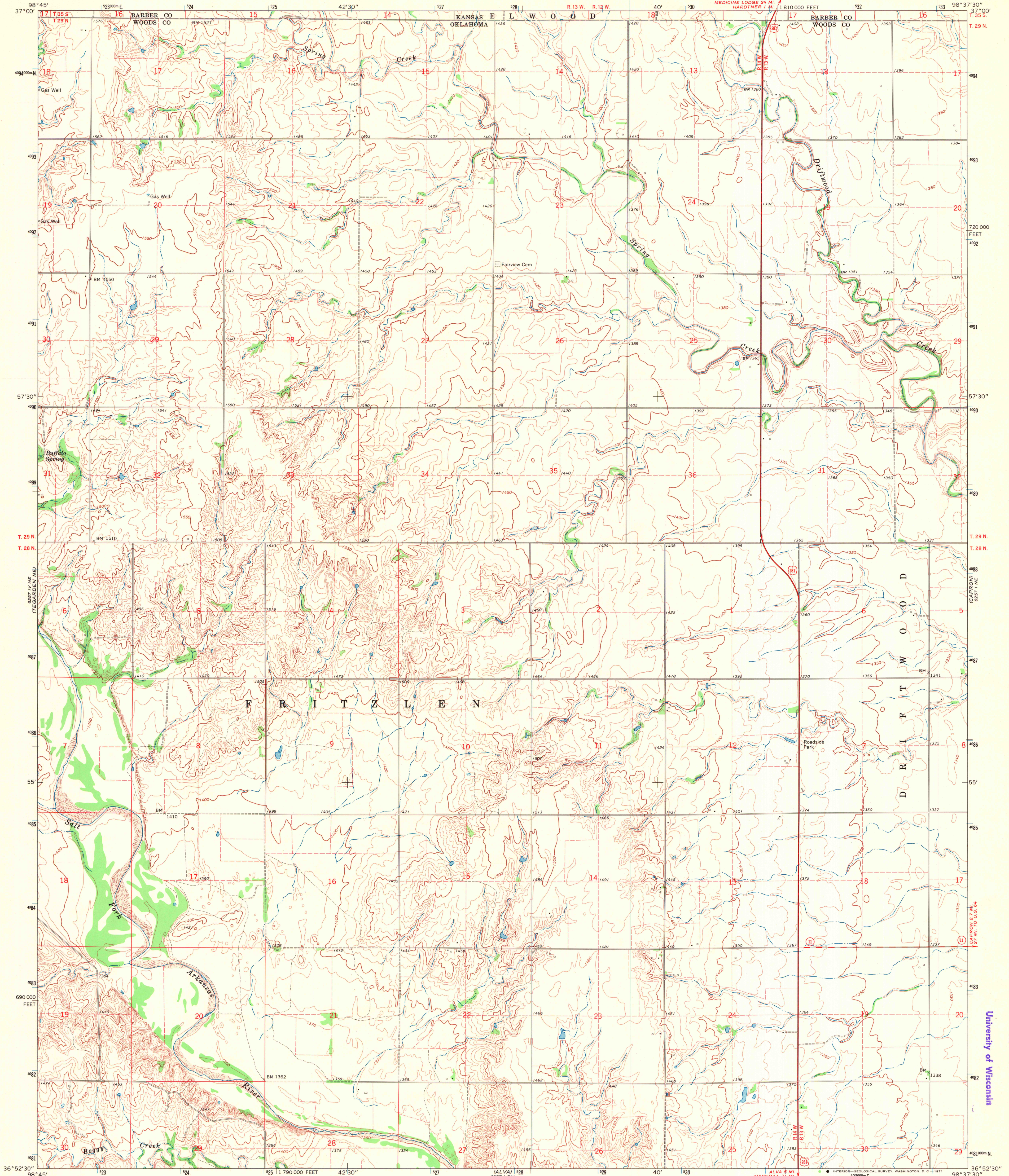
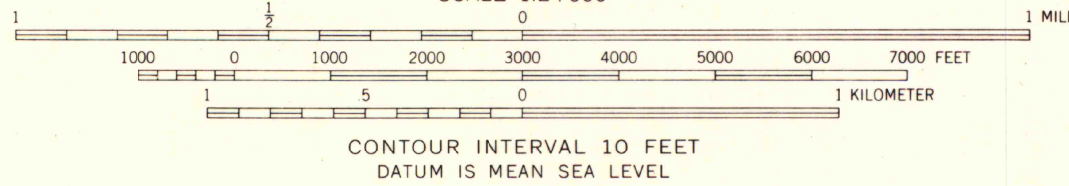
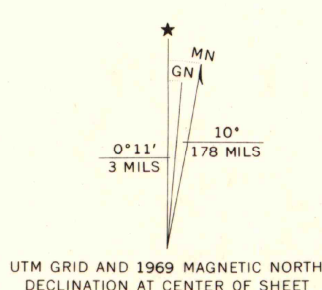


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALVA NW QUADRANGLE
OKLAHOMA-KANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1967. Field checked 1969
Polyconic projection. 1927 North American datum
10,000-foot grid based on Oklahoma coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 14, shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242,
OKLAHOMA GEOLOGICAL SURVEY, NORMAN, OKLAHOMA 73069,
AND STATE GEOLOGICAL SURVEY, LAWRENCE, KANSAS 66044
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Primary highway, all weather, hard surface
Secondary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
U. S. Route
State Route



ALVA NW, OKLA.-KANS.
N3652.5-W9837.5/7.5

1969
AMS 6257 1 NW-SERIES V883

MAP AND AIR PHOTO
LIBRARY
NOV 15 1971
University of Wisconsin