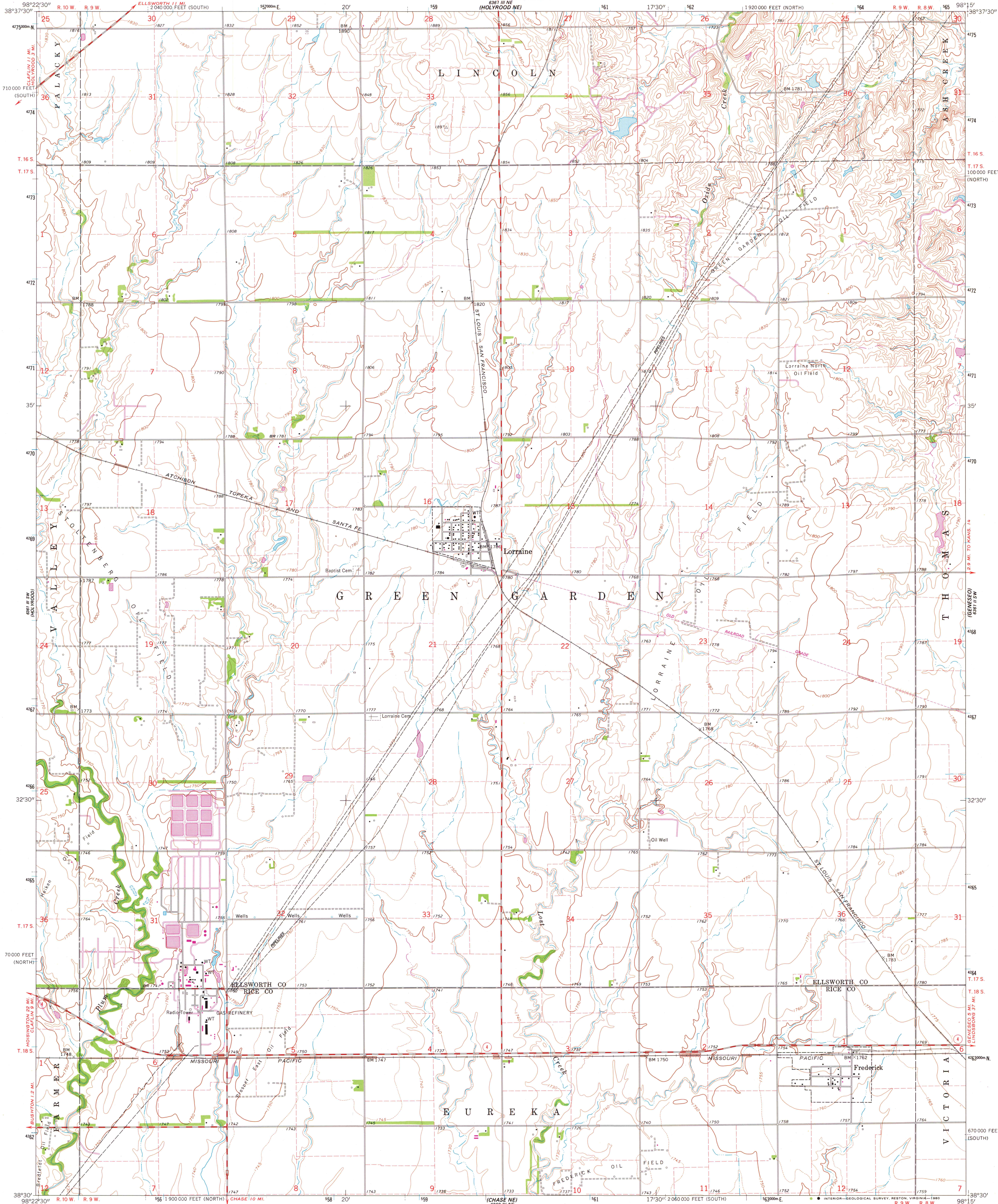


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LORRAINE QUADRANGLE
KANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)



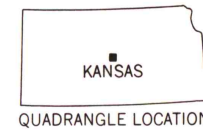
Mapped, edited, and published by the Geological Survey
Control by USGS, and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1959. Field checked 1964
Polyconic projection. 1927 North American datum
10,000-foot grids based on Kansas coordinate system,
north and south zones
1000-meter 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
To place on the predicted North American Datum 1983
move the projection lines 2 meters north and
29 meters east as shown by dashed corner ticks

UTM GRID AND 1979 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000
1 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER
CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND STATE GEOLOGICAL SURVEY, LAWRENCE, KANSAS 66044
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled from aerial
photographs taken 1978. Map edited 1979
This information not field checked



ROAD CLASSIFICATION
Medium-duty ——— Light-duty ———
Unimproved dirt ———
State Route

LORRAINE, KANS.
N3830—W9815/7.5

1964
PHOTOREVISED 1979
DMA 6361 III SE—SERIES V878

MAP AND AIR PHOTO
LIBRARY
MAY 27 1980
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Madison