UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MORAN SE QUADRANGLE
KANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)

6959 I NW (MORAN)
7059 IV NW (XENIA)
6959 I NE (BRONSON)
7059 IV SW (UNIONTOWN)
6959 I SW (ELSMORE)

95°07'30" — 95°00' — 37°52'30" — 37°45' — 37°47'30"

3 314 000m E. 315 316 5' 317 318 3 000 000 FEET 321 322 323 2 980 000 FEET 313 2 980 000 FEET

4193 000m N. 4192 4191 4190 4189 4188 4187 4186 4185 4184 4183 4182 4181 4180 000m N.

420 000 FEET — 450 000 FEET

T. 25 S. — T. 26 S.

1.2 MI. TO U.S. 54 & KANS. 3 — IOLA 24 MI. — BRONSON 4.3 MI. — 1.3 MI. TO KANS. 7 — FORT SCOTT 17 MI. — ELSMORE 1.5 MI. — UNIONTOWN 1.6 MI. — WALNUT 10 MI. — (ERIE 1:62 500) 6959 II — (GIRARD 1:62 500) 7059 II

R. 21 E. — R. 22 E.

M A R M A T O N

M A R I O N

E L S M O R E

W A L N U T

ALLEN CO — BOURBON CO

OIL FIELD

RAILROAD GRADE

OLD INDIAN TREATY BDY

INDIAN TREATY BOUNDARY

Marmaton River — Branch — Jackie — Creek — Wolfpen — Hinton

Oil Well — Quarry — Cem — Quarries — Campground — Picnic Area — Hatch Cem — West Bethel Community Hall — Mason Cem — South Fairview Community Hall — SPILLWAY ELEV 945 — BMX 938

BOURBON COUNTY STATE PARK

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1964. Field checked 1966

Polyconic projection. 1927 North American datum
10,000 foot grid based on Kansas coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN 1°16' 22 MILS — MN 8° 142 MILS

SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

MAP AND AIR PHOTO LIBRARY
University of Wisconsin

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U.S. Route — State Route

KANSAS
QUADRANGLE LOCATION

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

MORAN SE, KANS.
N3745—W9500/7.5

1966

AMS 6959 I SE—SERIES V878

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