UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ATHOL QUADRANGLE
KANSAS—SMITH CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

6163 I NE (KENSINGTON NE)

6263 IV NE (REAMSVILLE)

6263 IV NW (BACHELORS RUN)

9 MI. TO NEBR. 10

99°00′ 39°52′30″ 98°52′30″ 39°45′ 47′30″ 50′ 57′30″ 55′

R 15 W R 14 W

1 750 000 FEET 1 720 000 FEET 560 000 FEET 520 000 FEET

501 000 m.E. 502 503 504 505 506 507 508 509 510 10^{000} m.E.

44^{13} 000 m.N. 44^{12} 44^{11} 44^{10} 44^{09} 44^{08} 44^{06} 44^{05} 44^{04} 44^{03} 44^{02} 44^{01} 44^{00} 000 m.N.

T 2 S
T 3 S

S W A N
P L E A S A N T
C E D A R
L A N E

Cedar Creek
East Cottonwood Creek
West Beaver Creek
Beaver Creek
M Beaver Cr

Well
Quarry
Quarries
Meade Cem
Zion Cem
Pleasant View Cem
△ Pleasant
BM 1803
BM 1816
BM 1771
BR 1772
BR 1758
Athol

CHICAGO ROCK ISLAND AND PACIFIC

PHILLIPSBURG 19 MI.
KENSINGTON 1.8 MI.

SMITH CENTER 5 MI.
MANKATO 36 MI.

6163 I SE (KENSINGTON)

6263 IV SE (SMITH CENTER)

(KIRWIN) 6163 II NE

(GAYLORD) 6263 III NE

6263 III NW (CEDAR) CEDAR 6 MI.

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1973. Field checked 1973

Projection and 10,000-foot grid ticks: Kansas coordinate system, north zone (Lambert conformal (conic)
1000-metre Universal Transverse Mercator grid ticks, zone 14, shown in blue. 1927 North American datum

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

MN
GN
0°02′ 1 MIL
10° 178 MILS

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETRE

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION

Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route 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 RESTON, VIRGINIA 22092
AND BY THE STATE GEOLOGICAL SURVEY, LAWRENCE, KANSAS 66044
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

ATHOL, KANS.
N3945—W9852.5/7.5
1973

AMS 6263 IV SW—SERIES V878

2750
OCT 0 8 1975

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1975