UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF OKLAHOMA

HOUGH NW QUADRANGLE
OKLAHOMA—KANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)

5658 II SE (WILBURTON)
5658 II SW (ROLLA)
5658 II SE (ROLLA SE)
5657 IV NE (EVA NE)
5657 IV SE (EVA SE)
5657 I NE (HOUGH NE)
5657 I SW (HOUGH SW)
5657 I SE (HOUGH)

ROLLA 8 MI.
HOUGH 4.9 MI.
8 MI. TO OKLA. 95
3.8 MI. TO U.S. 64 & OKLA. 3

101°45′ — 101°37′30″ — 37°00′ — 36°52′30″ — 42′30″ — 40′ — 57′30″ — 55′

256 000m E. — 257 — 258 — 1 060 000 FEET (KANS.) — 260 — 261 — 262 — 263 — 264 — 265 — 940 000 FEET (OKLA.) — 266 — 1 080 000 FEET (KANS.) — 265 000m E. — 910 000 FEET (OKLA.) — 256

4098 000m N. — 4097 — 4096 — 4095 — 4094 — 4093 — 4092 — 4091 — 4090 — 4089 — 4088 — 4087 — 4086 — 4085 000m N.

130 000 FEET (KANS.) — 740 000 FEET (OKLA.) — 710 000 FEET (OKLA.) — 100 000 FEET (KANS.)

T. 35 S. — T. 6 N. — T. 5 N.

R 41 W — R 40 W — R 12 E — R 13 E

CIMARRON — MORTON CO — TEXAS CO — KANSAS — OKLAHOMA — ROLLA — MORTON CO — TEXAS CO

CARTHAGE OIL AND GAS FIELD

PIPELINE

Creek — Cow Creek — BR 3395

Claude 3356 — Lookout Tower — OLD RAILROAD GRADE

BM 3464 — BM 3478 — BM 3449

Gas Well — Oil Well — Gas Wells — Well

Mapped, edited, and published by the Geological Survey in cooperation with the Oklahoma Highway Department, Oklahoma Water Resources Board, and Oklahoma State Soil Conservation Board

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1971. Field checked 1973

Projection: Oklahoma coordinate system, north zone (Lambert conformal conic)
10,000-foot grid ticks based on Oklahoma coordinate system, north zone and Kansas coordinate system, south zone
1000-meter 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

GN — MN — 1°37′ 29 MILS — 11° 196 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 KILOMETER

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
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, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route — U. S. Route — State Route

OKLAHOMA
QUADRANGLE LOCATION

MAP AND AIR PHOTO
AUG 26 1975
University of Wisconsin

HOUGH NW, OKLA.—KANS.
N3652.5—W10137.5/7.5
1973
AMS 5657 I NW—SERIES V883

● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1975