UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STARRVILLE QUADRANGLE
TEXAS—SMITH CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 WINONA 15' QUADRANGLE

6949 II SW (HAWKINS)
6949 II SE (BIG SANDY)
7049 III SW (GLADEWATER)
6948 I NW (WINONA)
(BASCOM) 6948 I SW
(HOPE POND) 6948 I SE
(KILGORE 1:62 500) 7049 IV

95°07'30" 32°30' 95°00' 32°22'30"
3601000m E. 2 740 000 FEET 2 770 000 FEET
3597000m N. 270 000 FEET 310 000 FEET
5' 2'30" 27'30" 25'

GILMER 19 MI.
GLADEWATER 5 MI.
WINONA 3.1 MI.
TYLER 13 MI.
OWENTON 3.8 MI.
CANTON 46 MI.
TYLER 10 MI.
0.6 MI. TO TEX. 31
10 MI. TO U.S. 259
LONGVIEW 17 MI.
KILGORE 8 MI.
KILGORE 7 MI.

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1965. Field checked 1966

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

Fine red dashed lines indicate selected fence lines

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN
1°06' 20 MILS
7½° 133 MILS

SCALE 1:24000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

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

TEXAS
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
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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TOPOGRAPHIC DIVISION
SEP 12 1969

STARRVILLE, TEX.
NE/4 WINONA 15' QUADRANGLE
N3222.5—W9500/7.5
1966
AMS 6948 I NE—SERIES V882

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