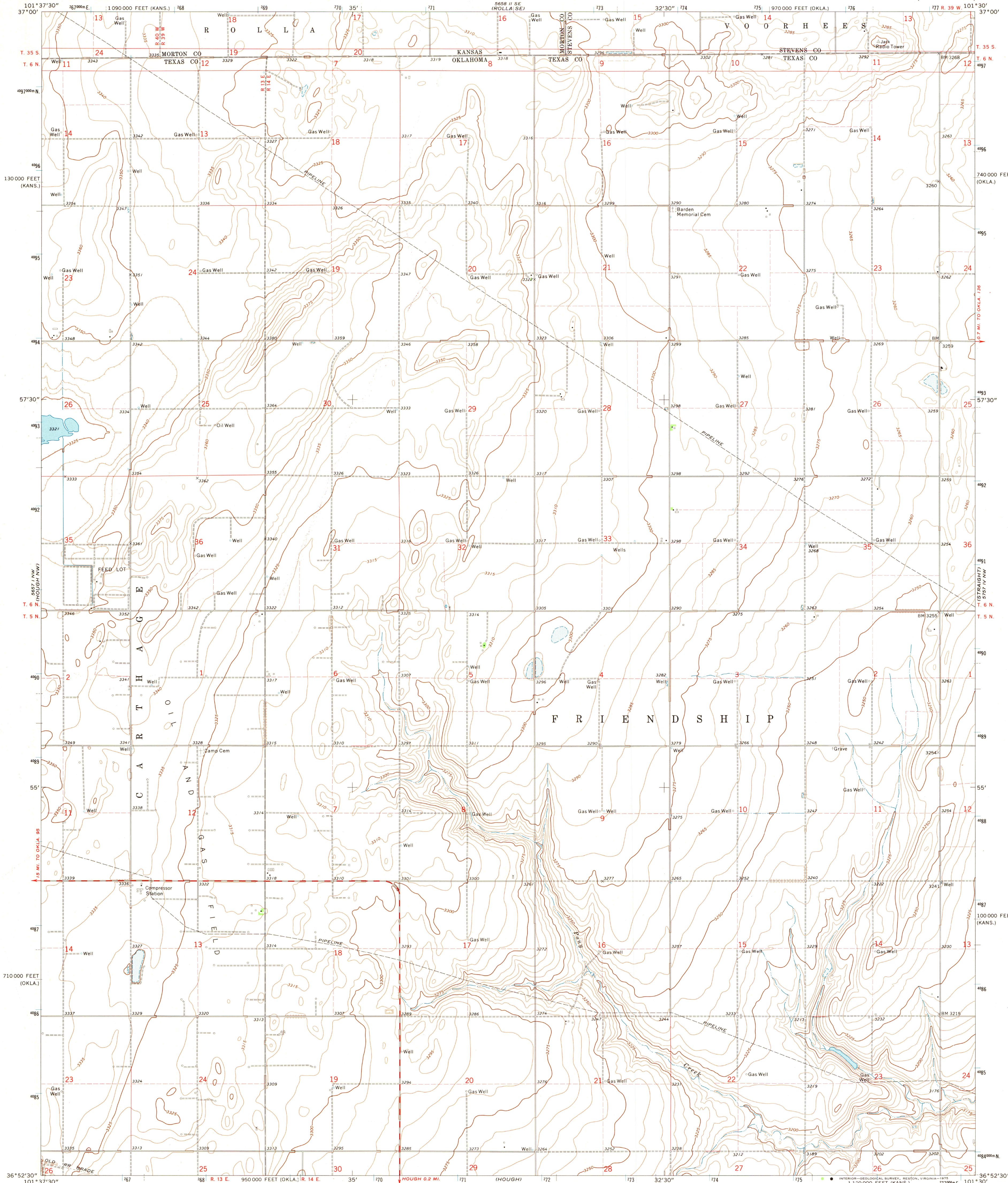


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF OKLAHOMA

HOUGH NE QUADRANGLE
OKLAHOMA-KANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)



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

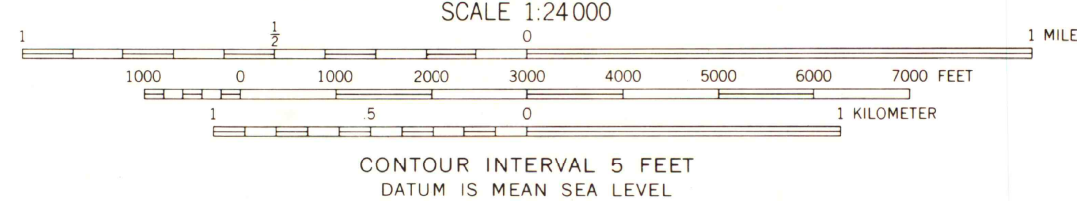
Control by USGS and USC&GS

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

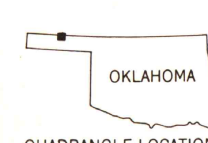
Projection: Oklahoma coordinate system, north zone
(Lambert conformal conic)
10,000-foot grid ticks based on Oklahoma coordinate system,
north zone and Kansas coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 14, shown in blue. 1927 North American datum

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

UTM GRID AND 1973 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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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

MAR 26 1975

HOUGH NE, OKLA.-KANS.
N3652.5-W10130/7.5

1973

AMS 5657 1 NE-SERIES V883