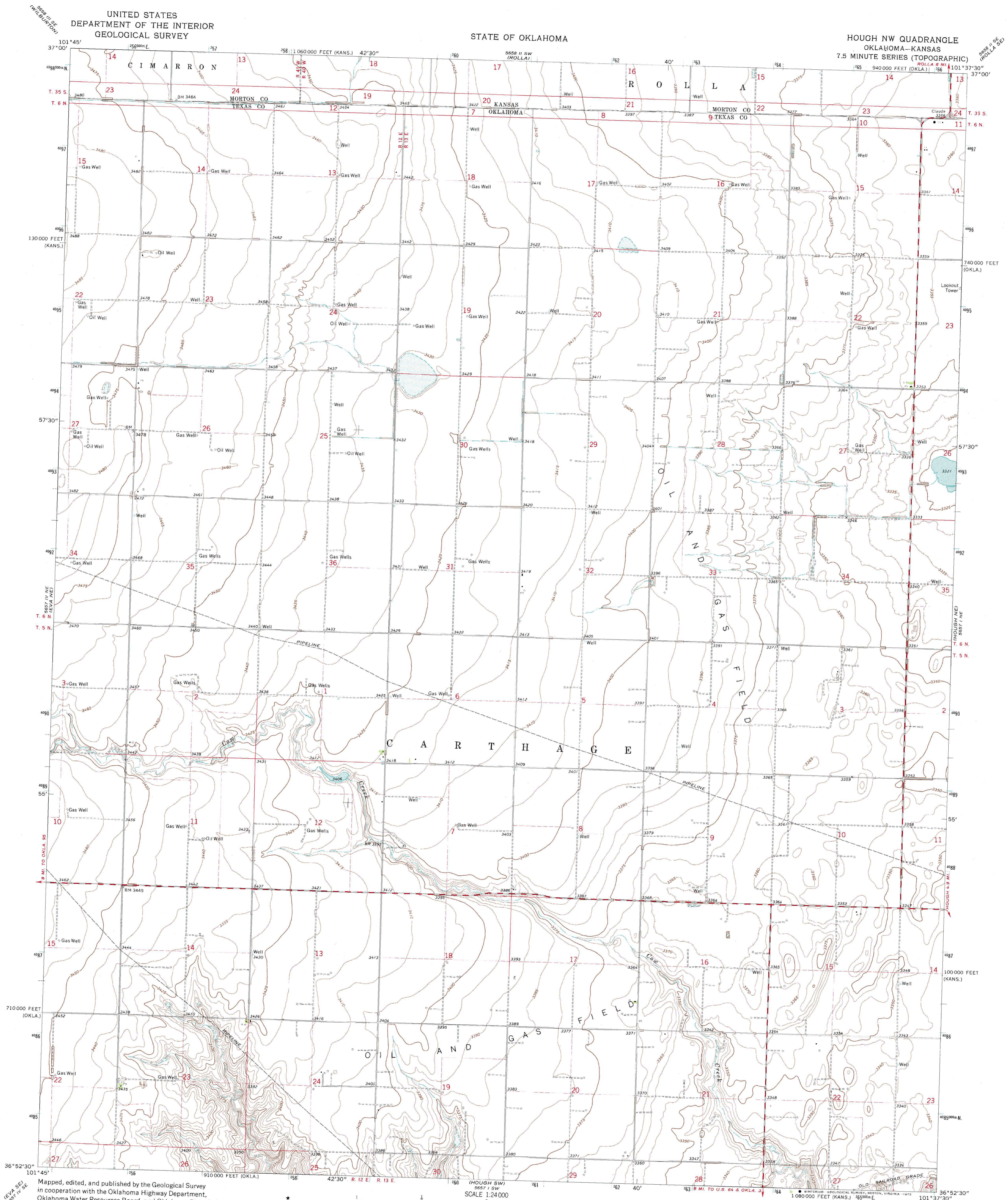


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF OKLAHOMA

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



Map prepared, 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

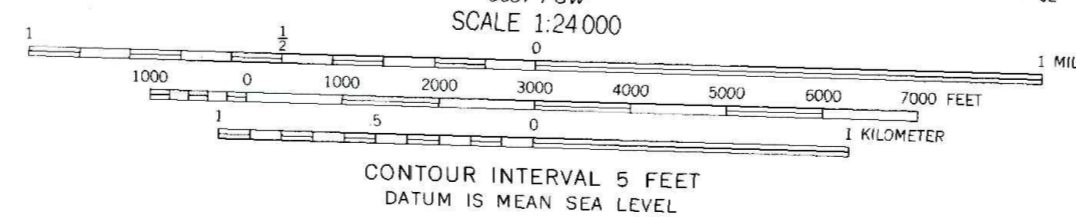
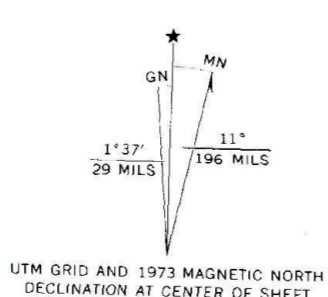
Topography by photogrammetric methods from aerial
photographs taken 1971. Field checked 1973

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



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
Unimproved road
Light-duty road, hard or improved surface
Interstate Route
U.S. Route
State Route

HOUGH NW, OKLA.-KANS.
N3652.5-W10137.5/7.5

1973

AMS 5657 I NW-SERIES V883