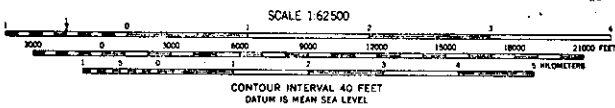


Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Compiled in 1959 from 1:24,000-scale maps of  
Cauthron, Bates, Loving, and Horseshoe Mountain 7.5  
minute quadrangles, surveyed 1958  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1955  
Polyconic projection, 1927 North American datum  
10,000-foot grids based on Arkansas coordinate system,  
north zone and Oklahoma coordinate system, south zone  
100,000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue  
Unchecked elevations are shown in brown



ROAD CLASSIFICATION  
Heavy-duty  
Medium-duty  
Unimproved dirt  
Cable Route  
This area was covered by 1:24,000-scale maps of  
Cauthron, Bates, Loving, and Horseshoe  
Mountain 7.5 minute quadrangles, surveyed 1958  
BATES, ARK.-OKLA.  
N3445-W9415/15  
1958

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.  
AND BY THE ARKANSAS GEOLOGICAL AND CONSERVATION COMMISSION, LITTLE ROCK, ARKANSAS  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MASTER COPY