UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAP OF HELENA QUADRANGLE, MONTANA, SHOWING AREAL DISTRIBUTION OF SURFICIAL DEPOSITS AND BEDROCK AND LOCATION OF GEOLOGICAL FAULTS.

Geology by Robert G. Schmidt, 1975–76, assisted by William R. Trojan, 1975, and D. Guy Waggoner, 1976; and by Adolf Knopf (1963).

Stereo compilation by Fairchild Aerial Surveys, Inc
for the Bureau of Reclamation
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Topography from aerial photographs by stereoplanigraph methods 1948. Aerial photographs taken 1947
Field check 1950

Polyconic projection. 1927 North American datum
10,000 foot grid based on Montana coordinate system, south and central zones

Red tint indicates areas in which only landmark buildings are shown

Dashed land lines indicate approximate locations

All mining features on this map are inactive

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

UTM GRID AND 1950 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

HELENA, MONT.
N4630—W11200/15
1950
AMS 3577 II—SERIES V794

U. S. Geological Survey
OPEN FILE MAP
This map is preliminary and has not been edited for conformity with Geological Survey standards or nomenclature.

SPECIAL PRINTING
Contours and woodland symbols omitted