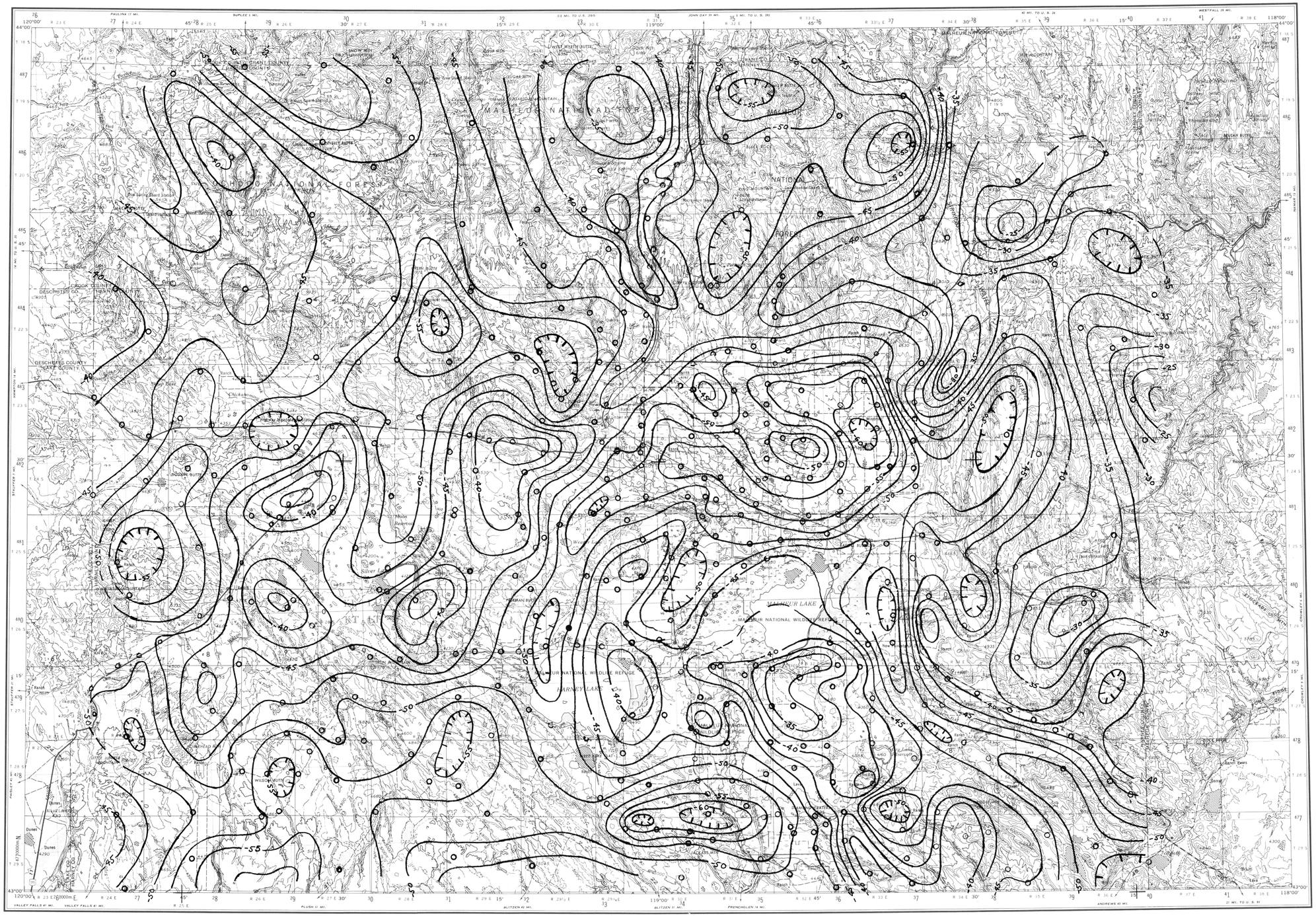
STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
DONALD A. HULL, STATE GEOLOGIST



BOUGUER GRAVITY MAP OF THE HARNEY BASIN & VICINITY

SCALE 1:250000 CONTOUR INTERVAL=2.5 MGAL DATUM=-100 MGAL

HRB,U OF O, 20 NOV 1972.

Scale 1:250,000

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

Prepared by the U.S. Army Topographic Command (BEART), Washington, D.C. Compiled in 1955 by photogrammetric methods from aerial photographs taken 1953. Photographs field annotated 1955. Revised by the U.S. Geological Survey 1970.

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

Map prepared by
STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

LEGEND

POPULATED PLACES
Over 500,000 — LOS ANGELES
100,000 to 500,000 — OMAHA
25,000 to 100,000 — GALVESTON
5,000 to 25,000 — Laramie
1,000 to 5,000 — Grand Coulee
Less than 1,000 — Sun Valley

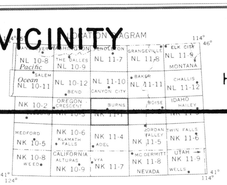
ROADS
Primary, all weather, hard surface
Light-duty, all-weather, hard or improved surface
Fair or dry weather, loose surface
Trail
Interchange

RAILROADS
Single track
Double or Multiple
Standard gauge
Narrow gauge

BOUNDARIES
International
State
County
Park or reservation

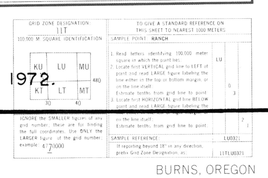
Landplane airport
Landing area
Seaplane airport
Dry lake
Woods-brushwood

Mine
Landmark: School; Church; Other
Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line



SECTIONIZED TOWNSHIP

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY



BURNS, OREGON
1955
REVISED 1970

ACKNOWLEDGEMENTS

These maps were graciously supplied to DOGAMI by the Eugene Water and Electric Board (EWEB) and were part of a private regional geothermal assessment. EWEB's cooperation in the preparation of this study is greatly appreciated.

EXPLANATION

Both maps (included without numbers in the packet) were part of a regional geothermal assessment performed for EWEB by H. R. Blank (formerly of the University of Oregon) in 1973 entitled Geothermal Investigations of Eastern Oregon, the text of which is, at present, not available. They were obtained too late for treatment within the text of this report and are, therefore, included as an appendix. Due to the time constraints, interpretations are not included, however, the reader is directed to Blank and Gettings, 1974 for a brief interpretation in abstract.

o -Gravity Station Location

~~~ 45-Gravity Contour in mgal
~~~