

CONTOUR INTERVAL 2 MILLIGALS. HATCHED CONTOURS
INDICATE AREAS OF LOW GRAVITY CLOSURE.

GRAVITY STATION

A density of 2.67 g/cc was assumed in reducing the data to the complete Bouguer anomaly. Terrain corrections were made to a distance of 11.7 miles by the Coast and Geodetic Survey system (Swick, 1942) for all stations where local relief was large and for selected stations where local relief was small. A contour map of terrain effect was used to interpolate the corrections for the remaining stations. Observed gravity was referenced to the North American gravity control network at Salt Lake City, Utah, (Behrendt and Woollard, 1961), and Ely, Nevada, (Woollard, 1958).

REFERENCES CITED

Behrendt, J. C., and Woollard, G. P., 1961, An evaluation of the gravity control network in North America: Geophysics, v. 26, no. 1, p. 65.
Swick, C. H., 1942, Pendulum gravity measurements and isostatic reductions: U.S. Coast and Geodetic Survey Spec. Pub. 232, 82 p.
Woollard, G. P., 1958, Results of a gravity control network at airports in the United States: Geophysics, v. 23, p. 520-535.

COMPLETE BOUGUER GRAVITY ANOMALY MAP OF PARTS OF BEAVER, IRON, AND MILLARD COUNTIES, SOUTHWESTERN UTAH

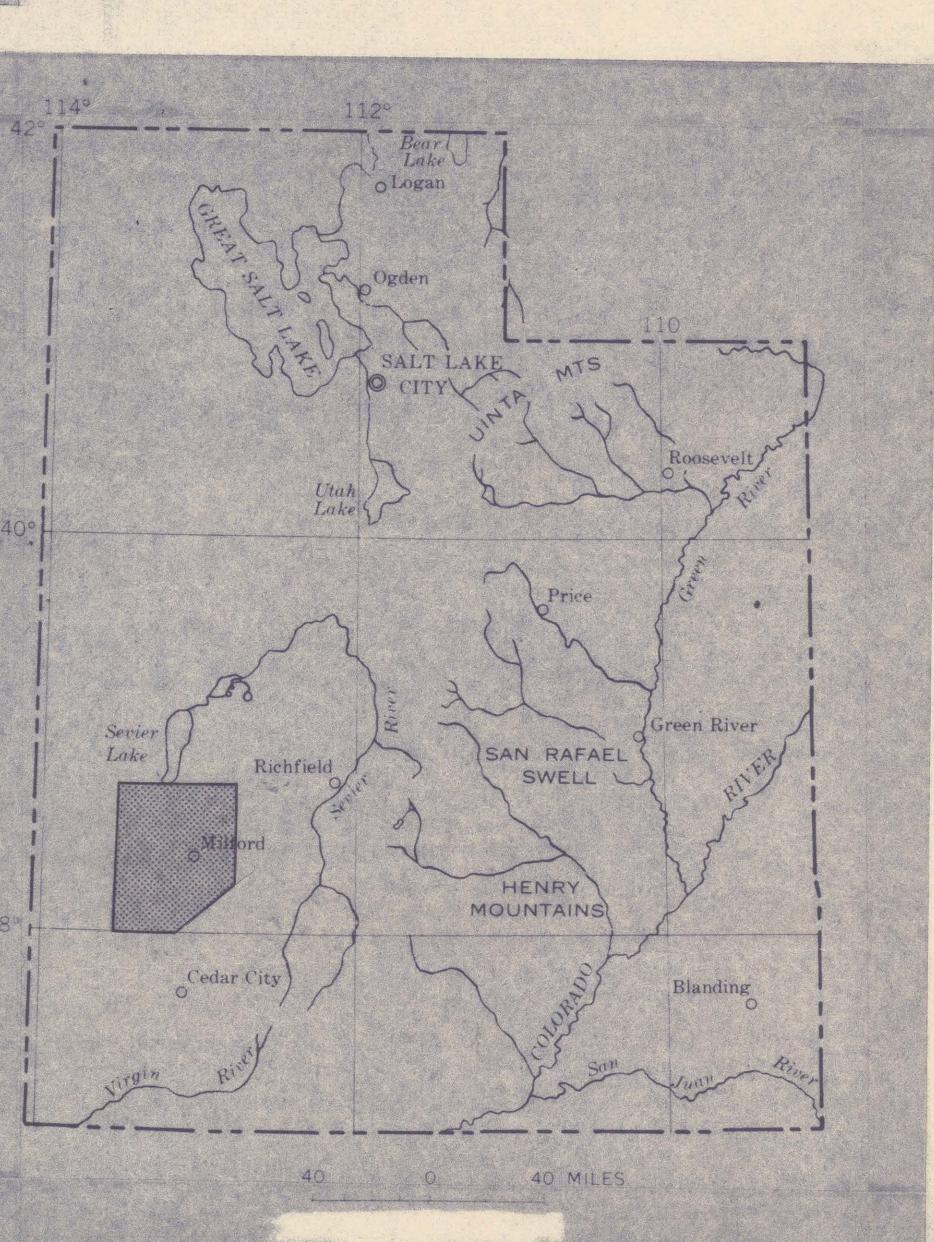
By

DONALD L. PETERSON

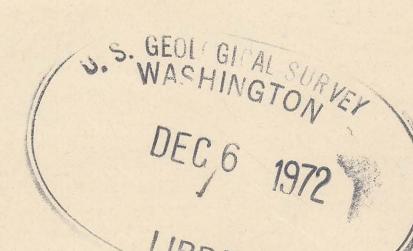
1972

This map is preliminary
and has not been edited
or reviewed for conformity
to Geological Survey
standards.

Utah (Beaver, Iron, and Millard Cos.). Gravity. 1:250,000. 1972.
cop. 1.



INDEX MAP OF UTAH SHOWING LOCATION OF THIS OPEN-FILE MAP.



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