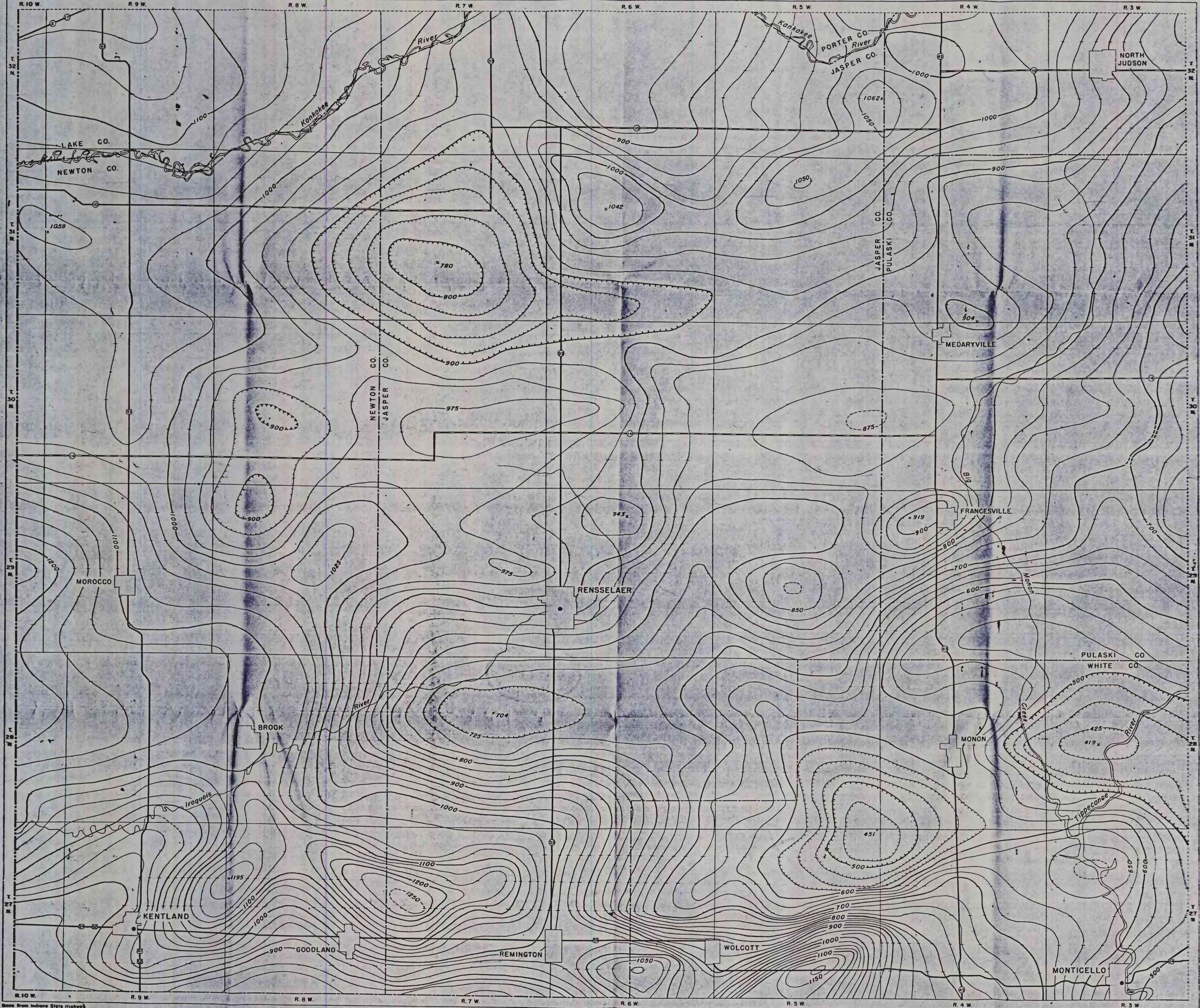


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GEOLOGICAL SURVEY

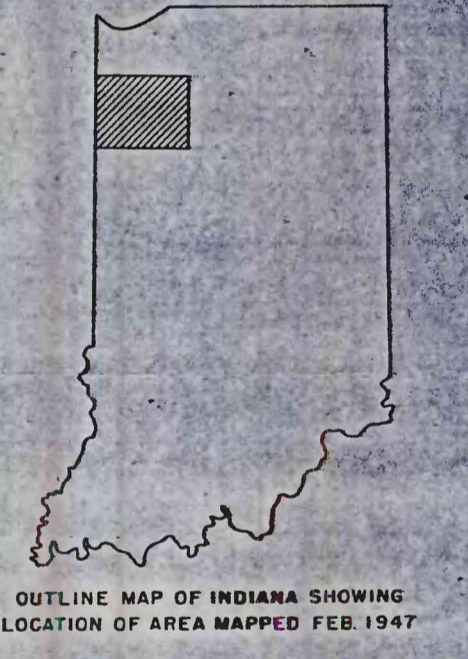
GEOPHYSICAL INVESTIGATIONS
PRELIMINARY MAP NO. 4, PLATE I



EXPLANATION

- Magnetic contour lines showing magnetic intensity. Contours dashed where data lacking.
- Flight lines showing flight line intersections. Squares dashed where data lacking.
- Magnetic anomalies shown as shaded areas.
- Shows elevation in nearest part of closed contour along flight lines.

Area from survey parts of February 10, 11, 12 and 13, 1947.



OUTLINE MAP OF INDIANA SHOWING LOCATION OF AREA MAPPED FEB. 1947

Some from Indiana State Highway map, corrected to 1937.

AEROMAGNETIC MAP OF PART OF NORTHWESTERN INDIANA SHOWING ANOMALIES IN TOTAL INTENSITY

Scale
0 1 2 3 4 Miles

Contour interval 25 gamma

Magnetic datum assumed 1000 gamma

at intersection of State Highways 10 and 43.

1947

Date by W. J. Dempsy, M. E. Hill, and J. R. Henderson. Completion by J. R. Henderson

Flown 1000 feet above surface; 1675 feet above sea level. Flight lines east-west, one mile apart.