

MAPS OF GRANT AND STANTON COUNTIES, KANSAS.

State Geological Survey
of Kansas

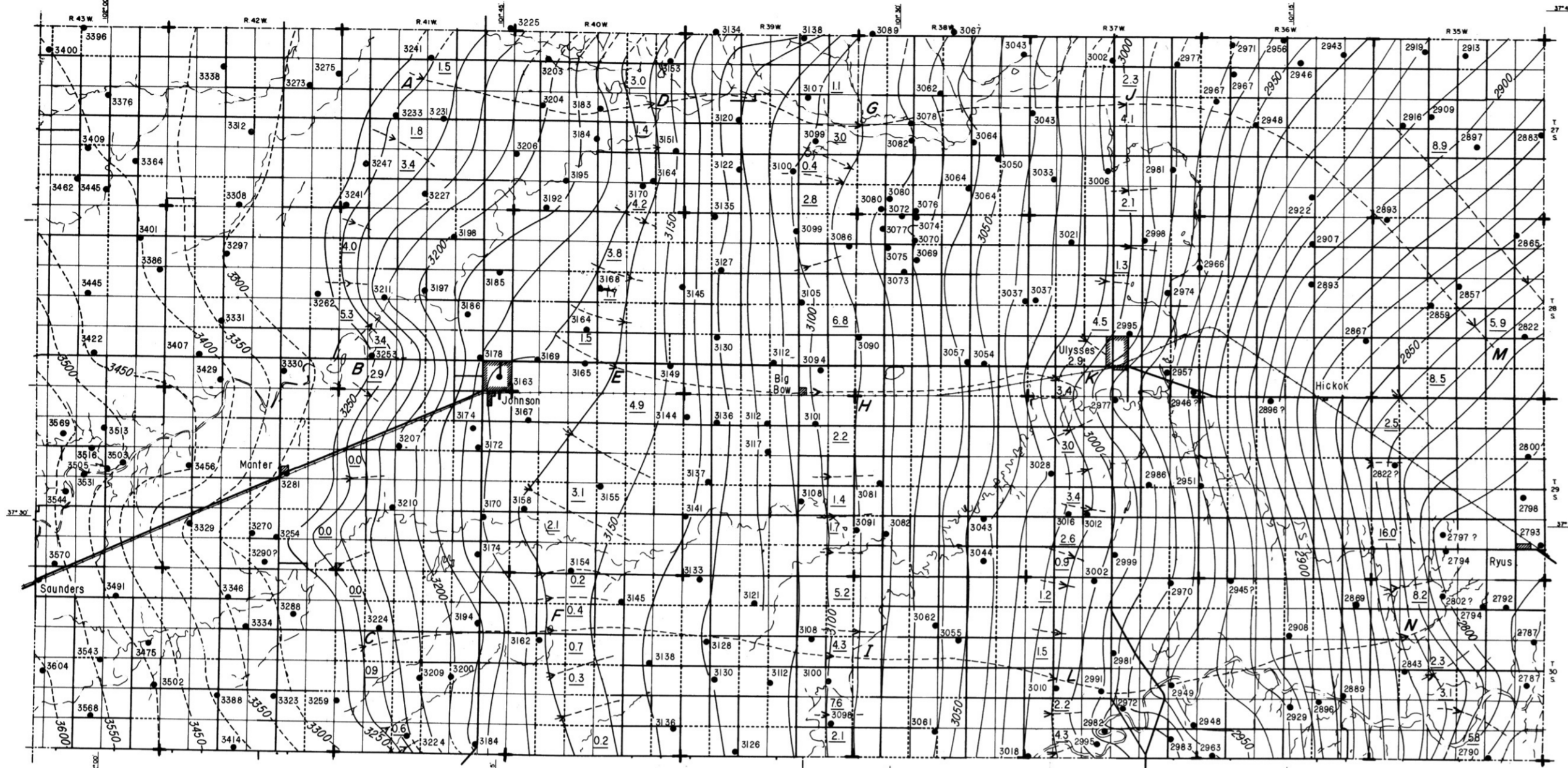
By S. W. Fader, W. R. Meyer, and W. A. Long

1964

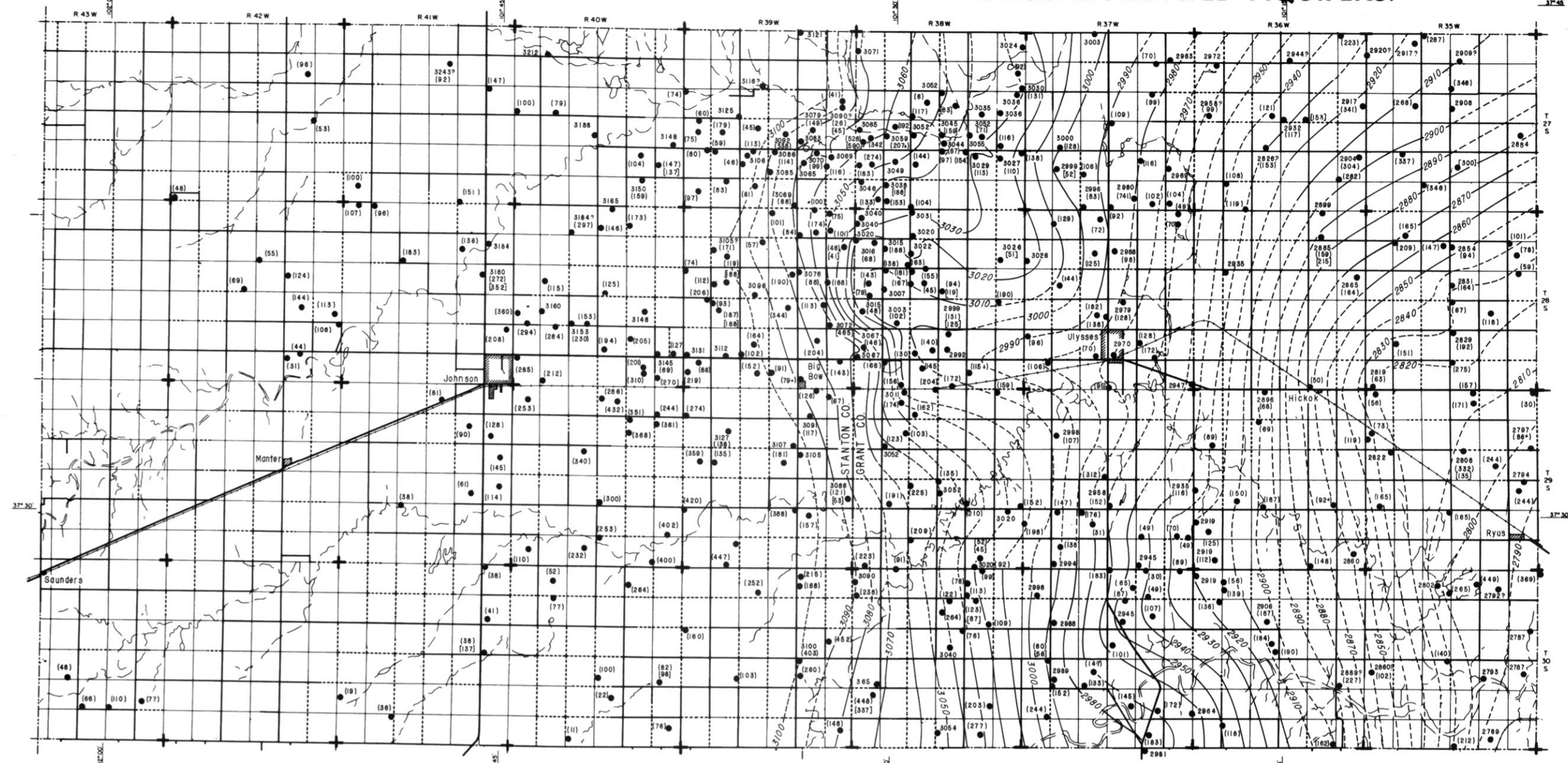
Bulletin 168

Plate 11

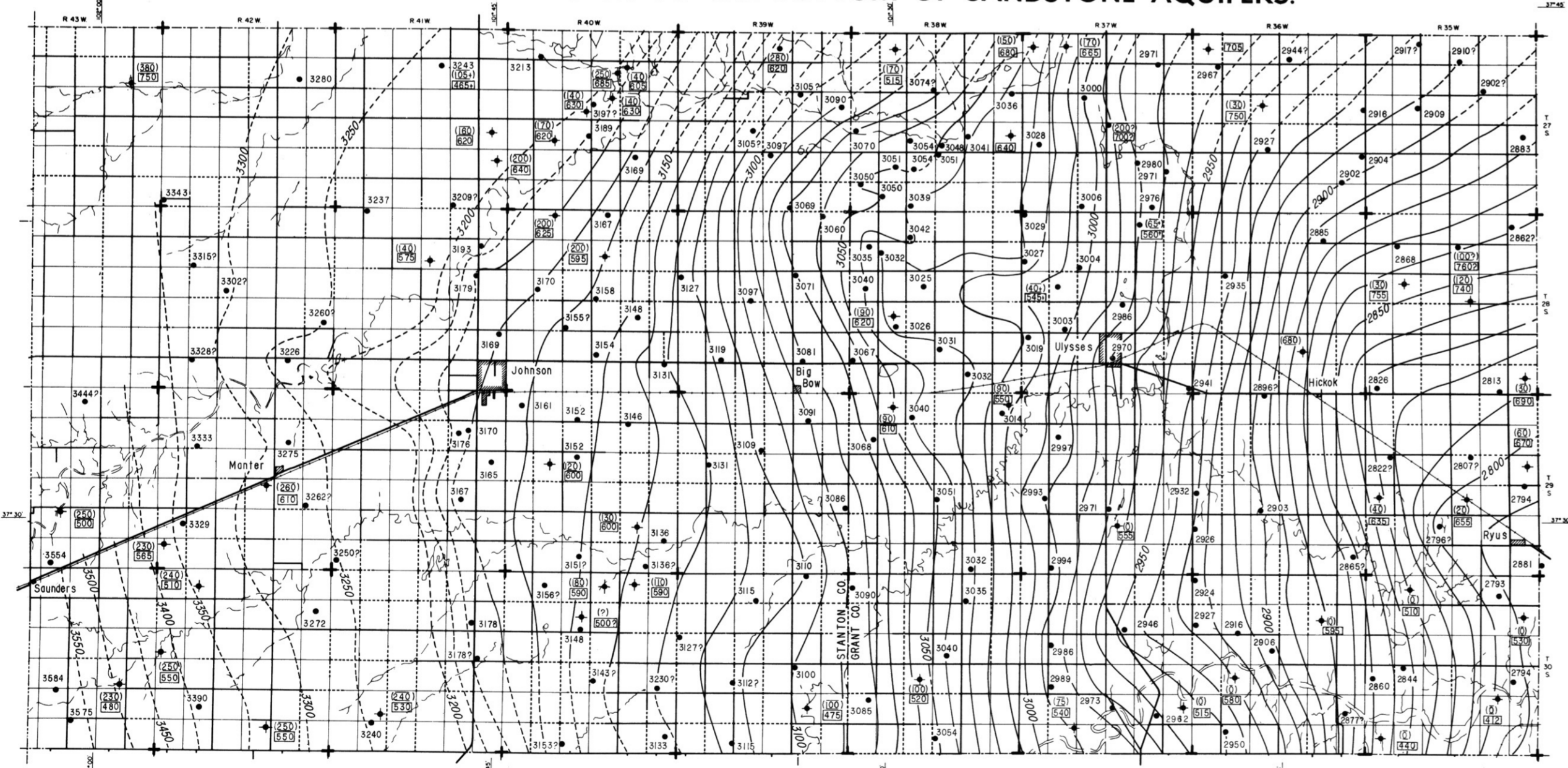
A. WATER-LEVEL CONTOURS 1939-42 AND CALCULATED FLOW OF GROUND WATER.



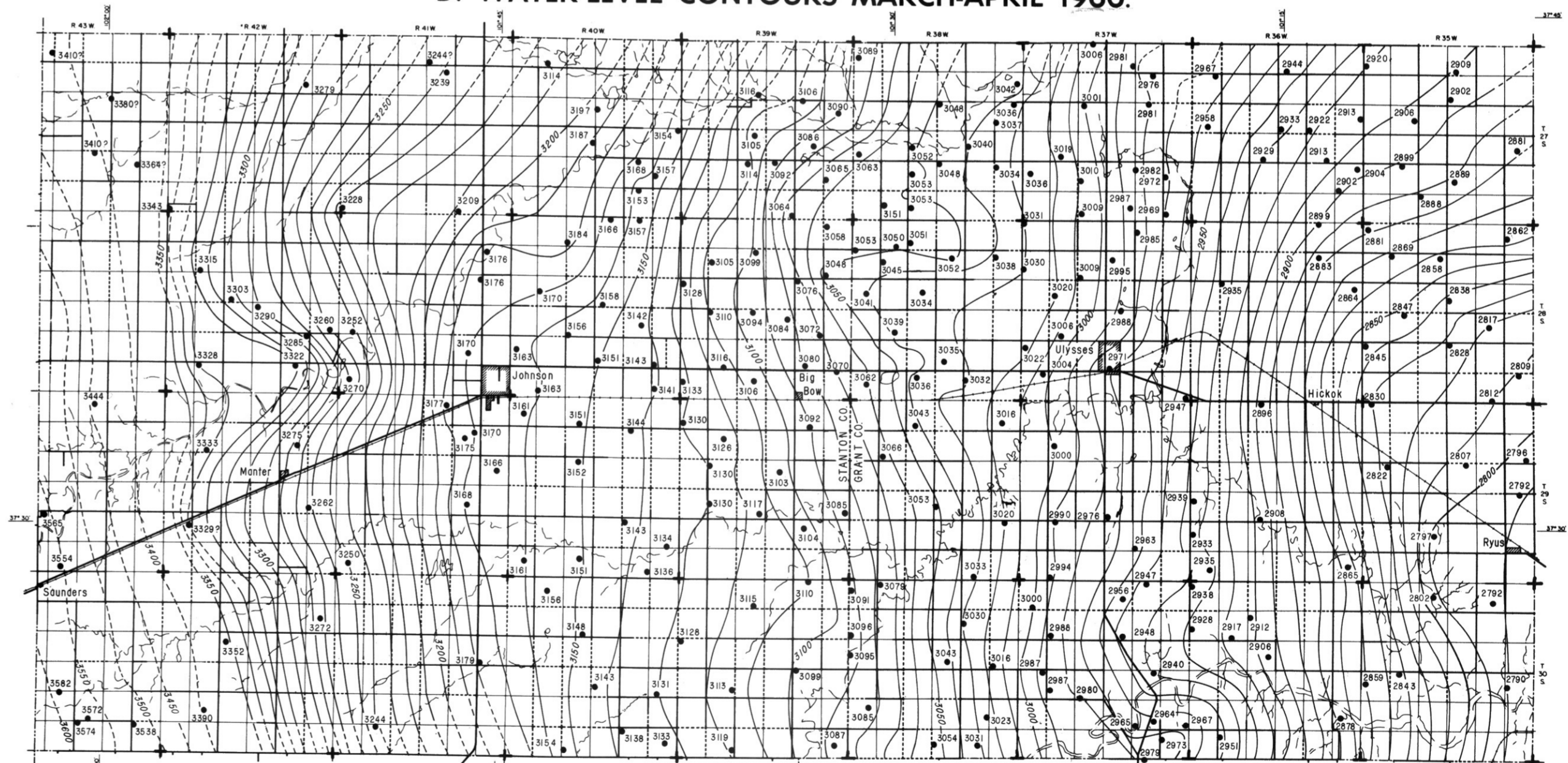
B. WATER-LEVEL CONTOURS DECEMBER 1957-JANUARY 1958 AND ESTIMATED AND CALCULATED COEFFICIENTS OF TRANSMISSIBILITY IN UNCONSOLIDATED AQUIFERS.



C. WATER-LEVEL CONTOURS FEBRUARY, MARCH, AND APRIL 1959 AND THICKNESS AND DEPTH TO THE BOTTOM OF SANDSTONE AQUIFERS.



D. WATER-LEVEL CONTOURS MARCH-APRIL 1960.



Bases compiled from maps prepared by the Soil Conservation Service.

EXPLANATION

- 2995 Altitude of water level in feet above sea level (query indicates approximate).
- 2950 Water-level contours (dashed where approximate); contour interval 10 feet.
- 1.86 Calculated flow of ground water between adjacent flow lines, in millions of gallons a day.
- - - Ground water flow lines (arrows show direction of flow).
- ◆ Gas or oil test hole.
- (77) Estimated coefficient of transmissibility of Pliocene and Pleistocene deposits, in thousands of gallons a day per foot.
- [467] Calculated coefficient of transmissibility of Pliocene and Pleistocene deposits, in thousands of gallons a day per foot.
- {330} Aggregate thickness of sandstones underlying the Pliocene and Pleistocene deposits.
- {465} Depth to bottom of Triassic or Cheyenne sandstones.

