

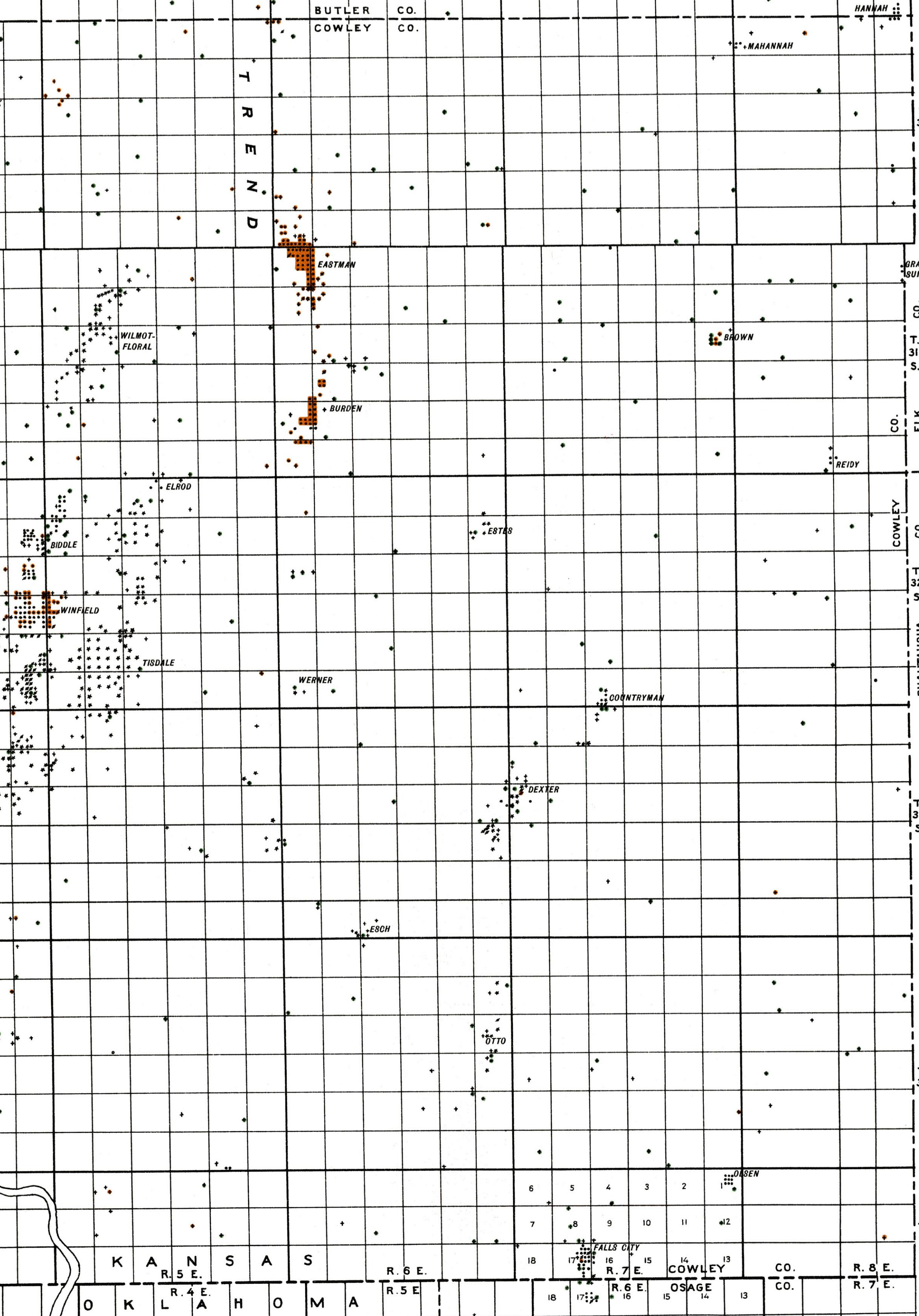
SKETCH MAP SHOWING THE THICKNESS OF THE CHEROKEE SHALE IN PARTS OF NORTHEASTERN OKLAHOMA AND EASTERN KANSAS

EXPLANATION

Lines connecting points of equal thickness. Figures indicate thickness in feet.
Outcrop of upper boundary of Cherokee shale
Cherokee shale absent
County seat

Prepared by N. W. Bass, Charles T. Kirk, and W. E. Shambaugh. Geologic portion prepared in cooperation with the Kansas Geological Survey.

Data compiled from drillers' logs of oil and gas wells



MAP OF PART OF KANSAS SHOWING WELLS, OIL FIELDS, AND DISTRIBUTION OF SHOESTRING SANDS IN LOWER PART OF CHEROKEE SHALE

Compiled from records of oil companies, individual operators, geologists and the Well Log Bureau of the Kansas Geological Society

Scale 1:625,000
1936

EXPLANATION

- Oil well
- Abandoned oil well
- * Gas well and abandoned gas well
- + Dry hole
- Shoestring sand present in well
- ▲ Shoestring sand in sand trends in northeastern portion of area that are slightly younger than the other sand trends
- Shoestring sand absent
- Well (not colored on map) too shallow to reach the shoestring sands, or no log available

POLKAWH Name of oil field

All except Conley County prepared by N. W. Bass in 1934 in cooperation with the Kansas Geological Survey. Conley County area prepared by W. R. Dillard and N. W. Bass in 1935.

Map A is a reproduction (with some additions) of Plate 3A

of a report by N. W. Bass, L. E. Kennedy, W. R. Dillard, and Constance Leatherock on "Subsurface geology of Osage County, Oklahoma," which

published in 1935 by the United States Geological Survey

