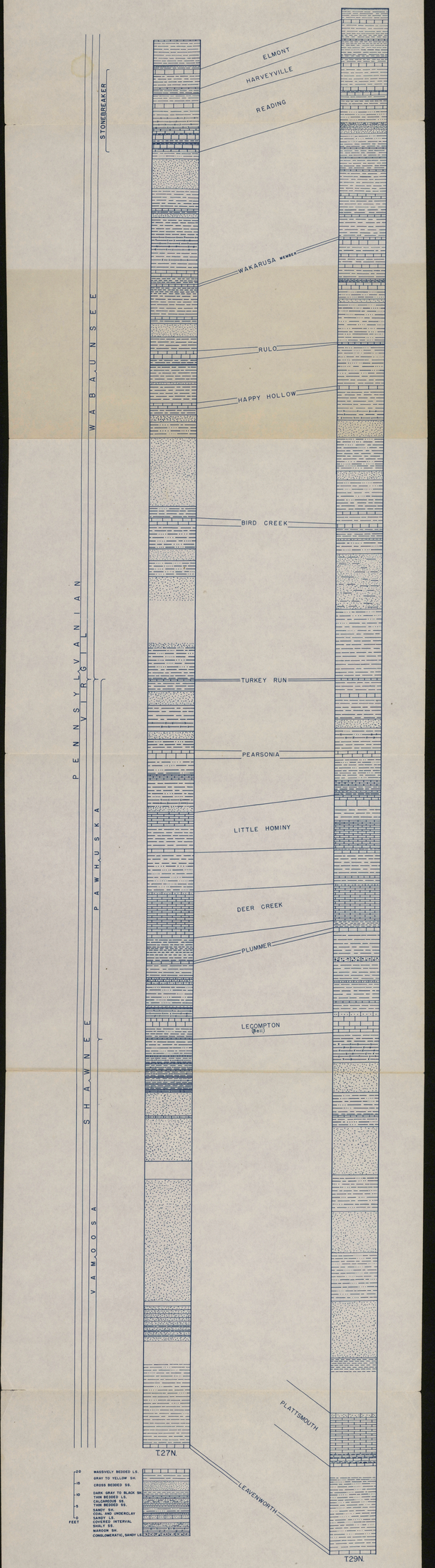


COMPOSITE SECTIONS

OF THE

LOWER WABAUNSEE AND UPPER SHAWNEE BEDS

IN THE

PEARSONIA AREA

OSAGE COUNTY, OKLAHOMA

BY

JAMES A. CARTER

M.S., 1954

PLATE II

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CHAUTAUQUA CO. | OSAGE CO. | KANSAS

R. 8 E. | R. 9 E. | R. 10 E.

T. 29 N.

T. 28 N.

T. 27 N.

R. 8 E. | R. 9 E.

GEOLOGIC MAP OF THE PEARSONIA AREA OSAGE COUNTY, OKLAHOMA

JAMES CARTER, M.S., 1954

PLATE I

SCALE IN MILES

LEGEND

QAL — ALLUVIUM

Pf — FORAKER LIMESTONE

Pa — SHALES, LIMESTONES & SANDSTONES OF THE ADMIRE GROUP

IPav, IPv, IPf, IPv, IPv, IPv, IPbc, IPv, IPf, IPv, IPLH, IPv, IPv

SHALES, LIMESTONES & SANDSTONES OF THE UPPER VIRGIL (IPv) SHOWING THE MARKER BEDS THAT ARE MAPPED. IPav = BROWNVILLE LS., IPf = READING LS., IPw = WAKARUSA LS., IPbc = BIRD CREEK LS., IPp = PEARSONIA LS., IPLH = LITTLE HOMINY LS., IPd = DEER CREEK LS.

IPL

IPL = THE BEIL LS & WHERE PRESENT, THE KING HILL SH. & AVOCA LS., ALL MEMBERS OF THE LECOMPTON LS

IPk, IPop, IPoh, IPol

IPk = KANWAKA SH, IPop, IPoh, IPol = THE PLATTSMOUTH LS, HEEBNER SH., & LEAVENWORTH LS MEMBERS OF THE OREAD LS OF KANSAS. THESE ROCK UNITS FORM THE UPPER PART OF THE VAMOOSA FM. OF OKLAHOMA.

PENNSYLVANIAN (SYSTEM) — VIRGIL (SERIES) — SHAWNEE (GROUP) — WABAUNSEE — ADMIRE — COUNCIL GROVE — WOLFCAMP — PERMIAN

378.76 Okc C245g c.3 plate1