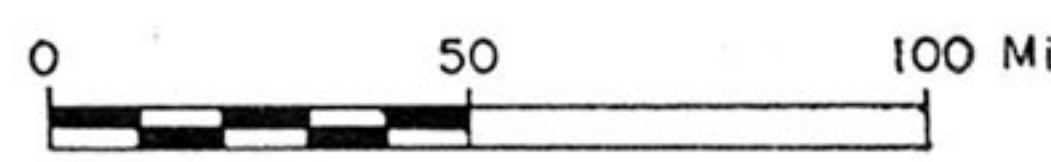


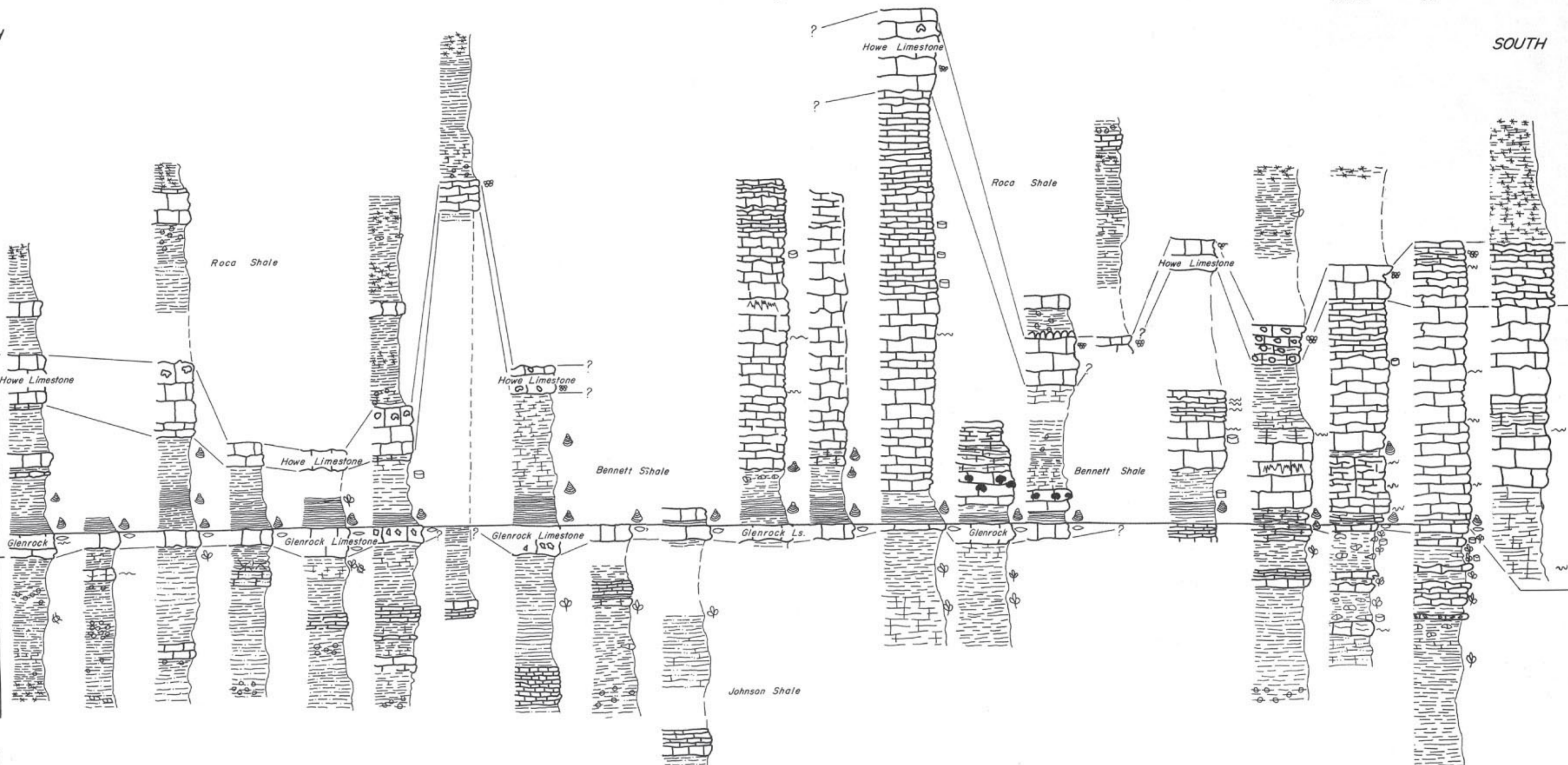
- 1 BENNET
 - 2 JOHNSON
 - 3 HUMBOLDT
 - 4 PAWNEE
 - 5 FRANKFORT
 - 6 MANHATTAN
 - 7 ALMA
 - 8 PAXICO
 - 9 KEENE
 - 10 ESKRIDGE
 - 11 ESKRIDGE QUARRY
 - 12 ESKRIDGE SOUTH
 - 13 JUDITH
 - 14 COFFMAN RANCH
 - 15 ALLEN
 - 16 ALLEN #2
 - 17 DUNLAP
 - 18 SAFFORDVILLE
 - 19 ELMDALE
 - 20 TURNPIKE
 - 21 SALLYARDS
 - 22 PIEDMONT
 - 23 GRAND SUMMIT
 - 24 HIGHWAY 38
 - 25 RED EAGLE
 - 26 BURBANK
-
- A NEMAHA ANTICLINE
 - B OTTO-BEAUMONT ANTICLINE
 - C TABLE ROCK (NEMAHA) ARCH



NORTH

SOUTH

RED EAGLE CYCLOTHEM
Roca Shale
Red Eagle Limestone
Johnson Shale



feet 10
5
4
3
2
1
0

EXPLANATION OF SYMBOLS

- Ψ Plant remains
- ⊖ Fusulinids
- ⊗ Linear algae
- ⊕ Orbiculoidea
- ⊗ Osagia
- ⊙ Crinoid columnals
- ⊙ Charophytes
- ⊠ Stylolites

EXPLANATION OF LITHOLOGY

- [Blocky pattern] Limestone
- [Blocky with dots] Limestone, cherty
- [Blocky with holes] Limestone, vuggy
- [Blocky with irregular shapes] Limestone, breccia
- [Blocky with horizontal lines] Limestone, shaly
- [Horizontal lines] Shale, gray
- [Diagonal lines] Shale, red
- [Diagonal lines with dots] Shale, green
- [Horizontal lines with dots] Shale, black
- [Horizontal lines with small circles] Mudstone
- [Horizontal lines with vertical dashes] Siltstone
- [Horizontal lines with vertical dashes] Claystone

VERTICAL SCALE
(not to horizontal scale)

Figure 4--A) Location of cross section and B) cross section showing Red Eagle Limestone correlations from Bennett, Nebraska, to Burbank, Oklahoma (modified from McCrone, 1963).

Sawin, R.S., West, R.R., Franseen, E.K., Watney, W.L., and McCauley, J.R., 2006, Carboniferous-Permian Boundary in Kansas, Midcontinent, U.S.A.; *in*, Current Research in Earth Sciences: Kansas Geological Survey, Bulletin 252, part 2.

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