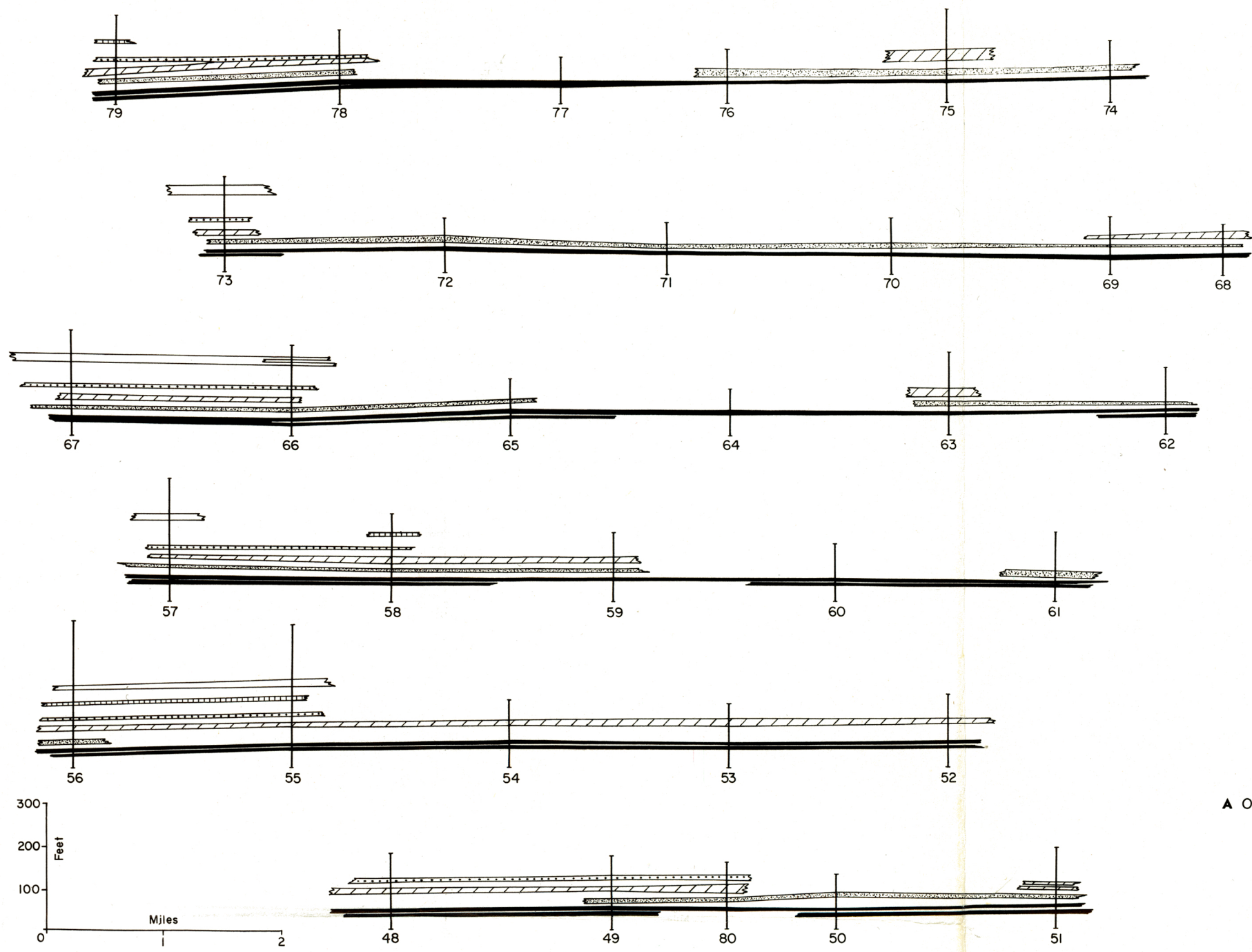
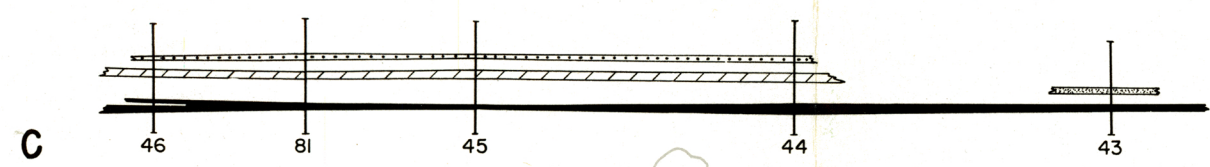


# Gypsum in the Wellington Formation

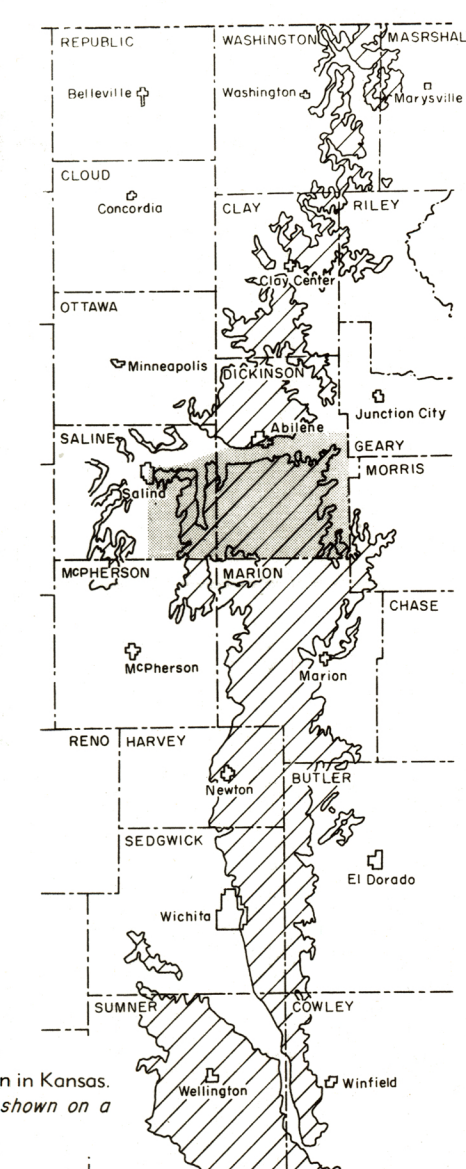
Robert O. Kulstad  
1955



**C** Cross sections based on electric logs of a series of exploration holes drilled in southeastern Dickinson County. The lowest bed, indicated by the solid pattern, is probably the Herington limestone. Higher beds shown are gypsum, at least in part. The cross sections show that the slump structure mentioned in the explanation of **B** as observable at the surface does not extend to depth.



**A** Outcrop area of the Wellington formation in Kansas. Shaded portion indicates area shown on a larger scale in **B**.



**B** Wellington formation in part of Saline and Dickinson Counties. Evidence for gypsum includes (1) outcrops, (2) abandoned mines and pits, and (3) subsurface solution indicated by the discontinuous outcrop of the limestone beds above the base of the Wellington as shown on the map and by the slump structure observable in the area. The map was prepared from air photos and field observations.

Explanation

- Abandoned gypsum mine
- ⊗ Gypsum quarry
- ⊗ Gypsite pits
- Exploration holes
- Gypsum outcrop
- - - Outcrop of limestones in Wellington formation
- - - Outcrop of Herington limestone
- - - Generalized limit of Cretaceous cover

Drainage and base adapted from maps prepared by the State Highway Commission of Kansas.

Scale in miles: 0, 1, 2, 3, 4, 5

