

A NEW TERTIARY MAMMAL DEPOSIT IN WESTERN OKLAHOMA

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(Abstract)

A new Tertiary fossil mammal quarry has been opened, 2 mi. south of Chaney, Ellis County, Oklahoma. The quarry is in a sandy lens of the Ogallala formation and represents a phase of the lower Pliocene. This is confirmed by both the fossil mammals and plant fruits. *Celti willistoni* stones are abundant in the quarry as well as above it. *Biorbia rugosa* and *Beriocholoa cf. glabra* occur only occasionally in the quarry, but are numerous above and below. *Biorbia* are predominant in the beds below the quarry. The Rhinocerotidae are abundant, but the Equidae, and Camelidae are conspicuous by their scarcity. The Equidae are normally present in the greatest numbers in lower Pliocene deposits. Rodents in general, Lagomorpha and birds are characteristically rarely represented. Future study of this locality should add materially to our knowledge of the Tertiary in western Oklahoma.

