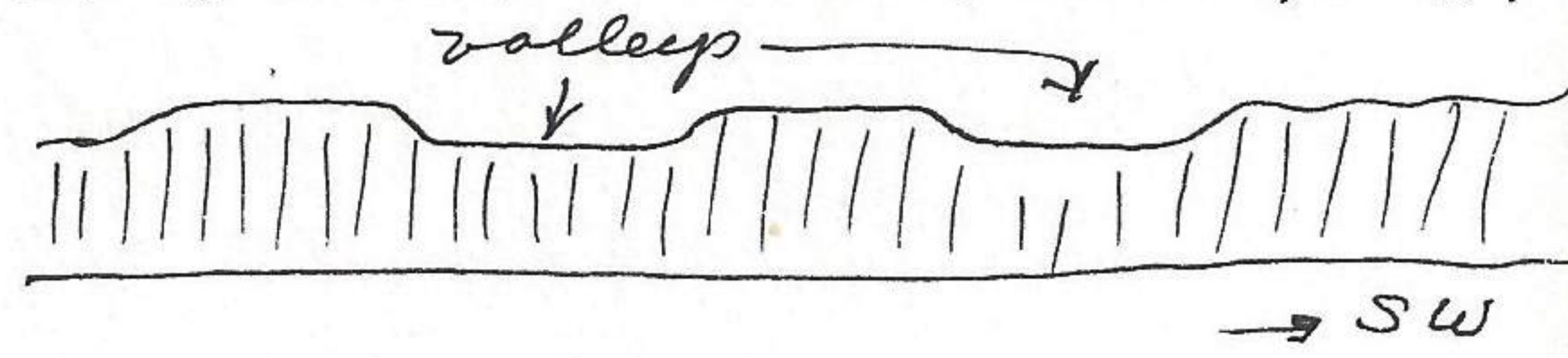
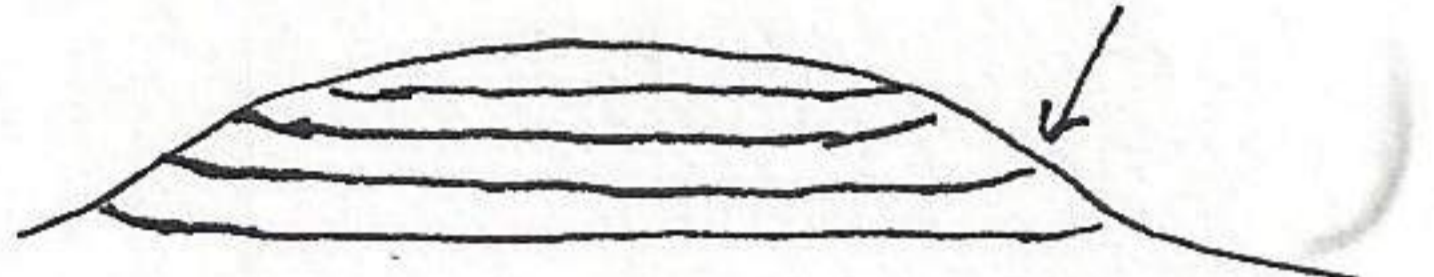


mt E of here are beginning of Cretaceous (Comanchian). They are stratified, relatively horizontal and without faulting or distortions. Creek beds brilliant white. To W we have passed three Cambria to Carboniferous rocks with some volcanics, most of them perpendicular and distorted. 911.1 road-cut with perpendicular rocks (non Cretaceous). Two photos of these rocks. nos 831221-1 and 831221-2. Cliffs to SE are crossing earlier valleys most pre-Cretaceous dip to SE.

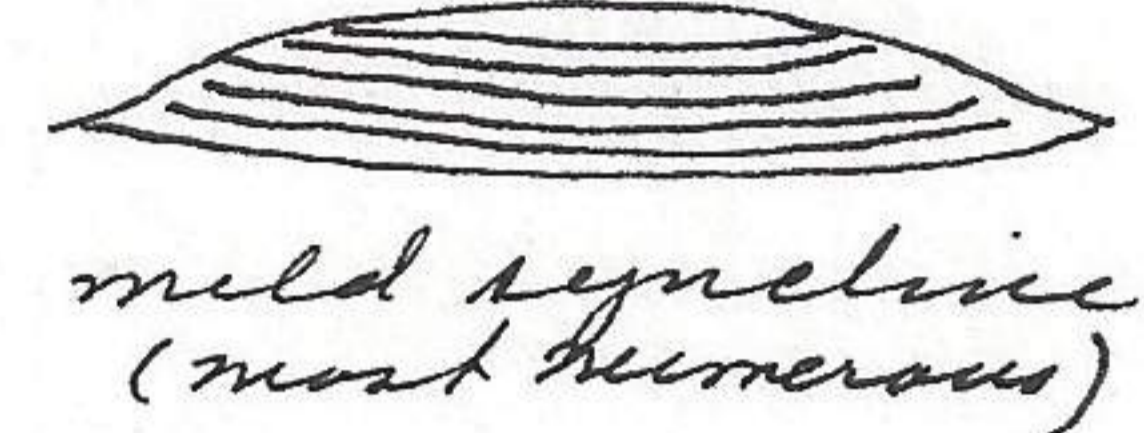
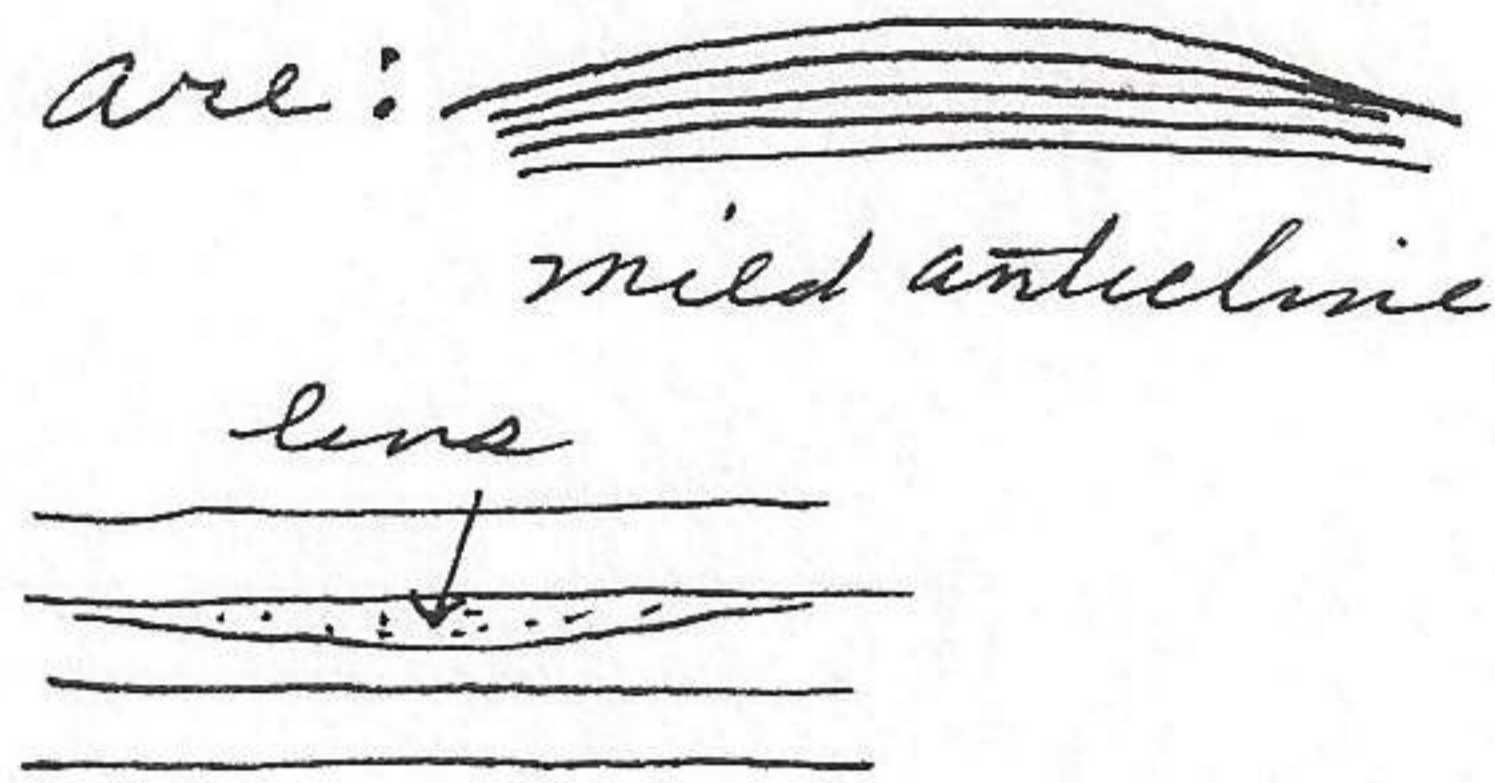


917.9 mule deer? ^{HP} road kill, 3 horned larks, shrike. 527.0 Brewster Co, shrike. 932.4 wild turkey.

Road cuts of ^{Comanchian} Cretaceous are:



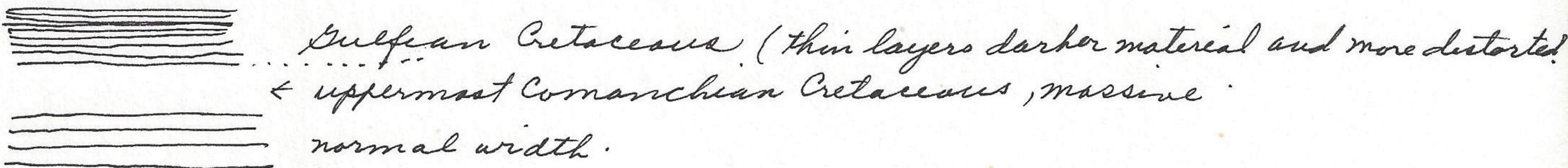
may be optical illusion but contact of horizontal beds turn slightly up (may be weight of current mass)



948.8 junction 285, at Sanderson. ^{None isolated}

passed thru several communities of yucca

Continued to Langtry. A short distance to W is the contact of massive Comanchian and Gulfian Cretaceous.



Langtry, Val Verde Co., Texas

Dec. 22, 1983

min temp, 21°F, 012.2 made short trip to S to edge of canyon of Rio Grande. Height of canyon approx 280'. Willow and cottonwood still in green leaves, some yellow. Comanche Cretaceous forms canyon. At visitor center, some blue flowers in blossom. ^{To W on 90 at} 014.0 road cut photo 831222-1 of Comanchian lower white layers and contact with Gulfian younger ^{dark, closely stratified} Cretaceous above. Note uppermost massive layer (5') of Comanchian with normal 1-3 feet layers below. I have noticed that up to this contact the Comanchian formation is uniformly white and regularly stratified. Above have noticed some white zones as below and also zones of friable yellow soil-like layers and other misc layers. 014.4 turn off to Langtry as we move E from last described road cut. Friable material on surface of ground to solid rock below is from bare rock to approx 1 foot. 015.1 Eagle nest canyon. no water. There are uninformative on