

highway 50 S. Arrived Sublette 4:00 P.M. mileage 21408 at Satanta. Contacted Ed. Hall and then Otto Moody about 1 mi. NW of Satanta. Inspected a field of *Buchloe dactyloides* with a sprinkling of *Bouteloua gracilis*. The field was grazed to within 1 inch of the roots and soils between plants. Blue gramma seed stocks were lacking. At one side of the field an irrigation ditch had spilled over onto the field of buffalo grass to the extent of about 1 acre. As a result, wherever water had soaked the soils supporting both the buffalo grass and blue gramma there was an ~~accentuated~~ <sup>accentuated</sup> growth. The buffalo grass formed a mat approx. 3 1/2 inches thick and intervening soil spaces were completely filled in. The blue gramma had seed stocks, some 8 to 10 inches high. The gramma grass grew better nearer the source of water from the irrigation ditch. Thistle grew more profusely on the outer edge of the grass near the limits of water. The grass was extremely dry and covered with dust that had settled from blowing sands & dirt. The buffalo grass was velvet in sheen and in consistency. For the purpose of exhibiting purposes, it will be difficult to match sections and it does not have the appearance of having been used <sup>any</sup> animals which would normally be expected if found in natural conditions. This field is to be plowed this year. Returned to Satanta and arranged for a tractor. Ed Hall will sprinkle the grass tomorrow morning (4 strips 300 feet long and perhaps again in the evening so that we can cut the sod the following morning. The sprinkling will also wash dust from the grass. Farmers say that they are getting coyotes in this area but mainly in adjoining counties.

Satanta, Haskell Co., Kansas

Dec. 3, 1956

Stayed at Hotel in Satanta but eating in Sublette. Drove out to Moody's place and waited for Ed. Hall to arrive with watering equipment. At Hotel in Satanta, the dust had entered the room from windows and was about 1/32 inches thick. Also the dust was on bed cover and furniture. Attempts had been made to seal windows but without too much success. I was impressed with the importance of wind in removing or depositing soils. The thick dust on