

835 E 14th, Casper, Wyoming

July 29, 1979

Spent the day at Mary's home and did some work inside and around the house. Had her truck repaired.

July 30, 1979

In Casper looked at furniture for Mary.

July 31, 1979

Left Casper for Burnett Homestead. Will pick ^{up} Mary at Betty's Uranium mine in Shirley Basin. Left at 3:30 P.M. Will keep complete census of antelope from Casper to Betty's mine and then from Betty's mine to the homestead. 25-7-35-4-4-5 or 80 antelope, most of them in one field about 1/2 way to mine, and another major group near Betty's mine. This overage (on the basis of estimated mileage of 60 = 1.33 antelope per mile. Arrived Betty's 5:15 and at 5:30 P.M. picked up Mary and we drove to Burnett Homestead (route shortest but would be difficult to describe without a map. Antelope observed were 10-2-3-3-8-1-6 or 33 antelope total. For some reason the usual number of antelope were not in the lower fields at the Homestead. The group of 8 were in mowed fields. The distance between Betty's mines & the Homestead is 19.1 so the number of antelope per mile is 1.7 compared to 2.0 of a census taken July 27, 1979, a few days ago. At divide into Burnett valley noted 2 young sagehens. Thoughts on antelope; largest groups associated with cultivated grass fields; most grazing, walking, standing or resting on ground, seldom running except when alarmed by man; wary in all situation, even around cultivated fields and man; none is tamed; adjust to cars passing on main highways and interstates, some will feed on right-of-way or along fence lines; some road kills and carcasses never salvaged; many females with 1, 2 or 3 young; males associated in herd formations but many times are singles; some travel 45 MPH and seems incredible how they cross sagebrush or rough terrain; change position throughout the day. This evening set 38 traps (trap area no. 4) among solid stands of artemisia, generally at base of trunks of the sagebrush. Ground free of vegetation. The sagebrush is highest where associated with drainages. Also set 50 traps among aspen that forms an oasis in a flowing spring area ^{on sidehill}; willows and gooseberry and aspen dominate the vegetation. Soils damp to supersaturated and ground cover follows water courses. Willows form solid stands as understory