

other rooms leading off to E side of ^{main} chamber. They extend 1/4 mile. photo 780725-1 of top of trap showing metal grate used to keep unauthorized individual out of cave. The animals were supposed to stampede into hole or accidentally fall in passing. Solid rock would keep accentuated erosion into trap and make stopping of animals more difficult as they would slide into trap. This is on a plateau, top Big Horn Lodge in distance to E. Mary has other photo, one from top looking down onto elevation which is unusually interesting. Left trap and walked up grade to spring to E where the students bathed in a tank after a days work below. Some soil was being screened with use of water. Met Bonner here and we returned to Lovell where we gave Bonner a good meal arriving about 6:00 P.M. After supper we drove up ^{road on W side} along Big Horn National Recreation area and lake to a vantage point near border of state where we made a few photos of the lake in deep canyon below (just beyond Horseshoe Camp) photo 780725-2 of canyon of the Big Horn Lake showing the upper layer near top of canyon of dissolved limestone cover and coritip which does not extend below this particular level. This layer is lower than the natural trap but may be associated with the N.T. formation of the lake. Water in lake green from algae because of lack of circulation of water. photo 780725-3 of canyon of the Big Horn Lake. The natural trap is in the area of the uplands on left side of picture in the hummocky area. It is possible for large mammals to descend to lake below. Although slightly out of place in daily sequence, no. 780725-4 is of students, from several places in the U.S., who are employed by the project (by their fees) for excavation work. This is financed by a national organization. Spring water is run into this tank which acts as a bath tub for workers and water for cattle. ~~After~~ Returned to Lovell in evening from Big Horn Lake Canyon.

Lovell, Big Horn Co., Wyoming.

July 26, 1978.

Left 11:00 A.M. 005.9 now N on highway 37 to new camp along lake at first camp. N of Lovell. 007.1 Shoshone River. mourning dove. From camp, ^(Horseshoe Bend) grounds and boat ramp took photo 780726-1 of contact of Jurassic-Triassic from camp. Exposure on W side of Bay. Lake now forms new shoreline on Triassic