



Ranger McDonald points out hard-pan rangeland near the forest that had been denuded of valuable perennial grasses by overgrazing. Water in a bottomless coffee can set into the ground here took a good half-hour to soak in while the same test on soil with a good content of organic material and humus plus a good grass cover took less than 5 seconds.

## Students Check First Hand On Forest Conservation

THESE THREE pictures are of students from the 7th and 8th grades of the Florence-Carlton school, Ravalli county, as they were shown forest conservation first hand in an all day field trip into the Bitter Root forest by Ranger Charles McDonald of the Stevensville district.



Core boring this giant yellow pine indicated the tree was probably over 300 years old. Value of such a tree with approximately 3,500 board feet of good lumber was estimated at about \$600.



Waste of about 50 good board feet of lumber was shown at this stop. Inefficient loggers had left a 30-inch high stump that could have been cut at least 2 feet closer to the ground. (MF-S photos)



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