

The coal which outcrops on Antelope Creek below Leipzig is not far above the base of the Fort Union, and is perhaps the middle one of the three beds exposed on the Cannon Ball River miles to the southwest. This coal is, mined in sec. 36, T. 135 N., R. 89 W., and has been worked at many points for a distance of nearly one mile, on the south side of the valley of Antelope Creek. A section of the coal bed is as follows:

Feet Inches Sandstone 10-1a

Coal 10-12

Clay shale 1-5

Coal, bottom not exposed, but at least 3

It will be noted that the clay seam varies greatly in thickness, being only a foot in places and elsewhere thickening to 5 feet. In order to reach the coal the thick overlying soft sandstone is removed by 'stripping, and at some points it has been necessary to scrape off as much as 10 to 15 feet of rock before reaching the lignite.