

*Makee Brother's Mine*, Township 164, Range 93, Section 31.— This mine is located about ten miles west of Portal, in Short creek, twenty rods south of the international boundary line. It has been operated by the Makee Brothers of Portal since July, 1900. As at the Gille-Miller mine, one man can do all the work necessary for the summer output, while more help is employed during the fall and winter.

The entry of the mine is ten feet above water level in the creek and the same distance below the prairie surface. The overburden increases in thickness to the west of the creek valley, becoming as much as thirty-seven feet some distance from the entry, as shown at the air shaft.

The seam is here broken by two clay layers a few inches thick, the lignite aggregating five or six feet in thickness. Light timbering is necessary, and mining is carried on in room and pillar style. The vein is found to dip down toward the southwest. The area mined out shows that a large amount of coal has been removed.

The .Makee mine is situated ten miles north of the GilleMiller mine, and about six miles south of the Roche-Percee mine, in Canada. Outcrops occur along the north-south line at many places, but it is at present impossible to correlate the seams represented, because no definite elevations have been determined in the western part of the county. The several out-crops along Short creek south of the Makee mine show a good quality of lignite. A seam is struck in a well at twenty feet, one mile from the boundary north of the Makee mine, presumably the same seam.