

Turtle Gulch Mine, Township 152, Range 82, Sections 11, 15, 2.—The opening is situated eleven miles from Velva, and between seven and eight miles from Sawyer. It is seven miles north of the Hanchette mine, and two miles northwest of the De Pue opening. It is probable that these openings all represent the same seam.

The outcrops of the Turtle Gulch mine extend for a mile or more along the coulee, at a depth of seventy feet below the prairie level, with a covering of boulder clay. At the point where the mine will be operated, there are four large entries that show a thickness of from eleven to fourteen feet of lignite. From these openings thousands of tons of lignite have already been removed, for mining has been carried on intermittently for fifteen years. The vein is practically solid, no soft coal or clay seams appearing anywhere. Some of the openings are so large that a wagon can be backed into them to be loaded. A sample shows the following analysis :

	PER CENT
Volatile matter	37.20
Fixed carbon	53.78
Ash	9.02
Total	100.00