

FIELD NOTES

Illinois State Geological Survey

1906

Springfield Area

Mechanicsburg Coal Co. Mine, Mechanicsburg Illinois

Depth 305'. Thickness 60" at face sampled. Uniform from top to bottom, with no conspicuous bands. Some gypsum in vertical joints. Coal finely laminated. Mine mother ? coal than seen in Springfield regions. Fracture irregular in part vitrious luster and part satiny. Texture between dense and granular. Fire clay 5 feet or more. Slate 22 " to 18", in roof horsebacks common. Cap rock 0-12". Some crinoidal stems in caprock. Concretions less numerous than around Springfield.

In the Mechanicsburg shaft the seam worked at present is about 27 feet lower than the first seam worked 2 years ago. A 5-foot bed of red shale is reported by the engineers - 35 feet above the upper seam formerly worked. This upper seam has a blue band 16" from the bottom and varies in thickness from 1" to 6 feet in a distance of 800 feet. It suggests that this upper seam may be No.6 and that it varies much in thickness within short distances.

By T.E. Savage Date 1906

Quadrangle Cornland

County Sangamon Sec. 26 T. 16N R. 3W

								h
								g
								f
								e
								d
								c
								b
								a
8	7	6	5	4	3	2	1	