

FIELD NOTES



Illinois State Geological Survey

lfa 0821.97

Slope on No.6 coal. Entrance shows following section. Elevation 455 topographic map.

24' shale, light gray, sandy, especially at bp, thin bedded, at base grades to dark gray calcareous shale.

> (Coal in shaft 22' below surface. Coal is 40' below middle rail on S side of road, base of outcrop at Creek is 22' near coal.)

> > ** at 200' from portal a sandy shale lens appears 0-42" thick between coal and slate.

430 6" shale, black, calcareous.

4" coal, rather bony

12 shale, calcareous, dark gray, with local lenses, hard. with abundant shell fragments.

6' limestone, argillaceous, medium to dark gray, hard, with fusulinids but with few other fossils.

21 shale, black, fissile, joints, N280E prominent.

6' coal, with blue band, 10" over bottom, and other partings.
H.E. Culver Date 1923

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| 87654321 | |

Quadrangle_

By_

Marion

DET: MAINEL

Illinois State Geological Survey

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(0821.97) See map no. 4107 d5.1-195 Sh.42
August 15, 1932
Slope mine on south side of road

Shale, sandy, brownish gray 10' Clay shale, medium gray 1'1" Limestone, clod-like, fossiliferous, gray 3" Coal 3 1/2" (Jamestown) Shale, medium dark gray Limestone, dark gray, shaly 3" Shale, dark gray, fossiliferous, with Productus and crinoid calyx 1'3" Limestone, medium blue gray, fossiliferous (Brereton limestone) 4'6" Shale, black, mostly slaty 2'3" Coal No. 6 not measured in detail. Coal reported 5'8"-6', blue band about 1'-1'3" above base. Another shale parting reported 1'6" from top, a very thin parting.

By H. R. Wanless Date 1932

Quadrangle Marion 87654321

County_ Williamson

Sec. 21

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