FIELD NOTES

Illinois State Geological Survey

See map no. 4107 c3.5-5

(1530.5b)

July 26, 1928

Working mine. Shaft penetrates the seam due N., at the present time for a little over 300'. The shaft descends 3' in about 15' then it levels out for the rest of the distance until it is practically level. Two cross cuts and the ends are being worked by pick and shovel methods. No blasting. Two small mine trucks constitute the hauling equipment.

Most of the shaft is timbered, the timbering is in fair to poor condition, the remainder, uses the cap rock of limestone as a roof.

The upper coal and shaley material beneath the cap rock averages from 8" to 10" in thickness. The main coal seam is 54" thick. One layer of blue shale about half way in the seam is about ¼" to 3/4" thick. Above this about 6" or 8" is another similar layer except it is rarely over a quarter of an inch thick.

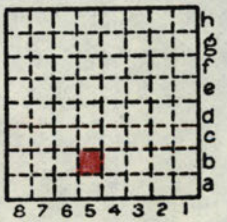
The coal itself is soft with many thin bright bands. Much sulphur is present. Occasional nodular pieces of marcasite are found. Recently several fragments of crystalline gypsum were found. Maximum dimensions ½" x ½" x 2".

About 50 gallons of water is pumped out of the mine in morning and at night. A fair drainage system has been worked out but could easily be overloeaded in case of continued wet weather.

The mine has a good road out for the removal of coal.

Three men are employed at present.

The name of the mine is _____.



By K. W. Stott Date 1928

Quadrangle Winchester

County Morgan Sec. 30 T 13N R 10W

FIELD NOTES

Illinois State Geological Survey

1530. b5

September 9, 1927

Mine: Outcrop along creek just below.

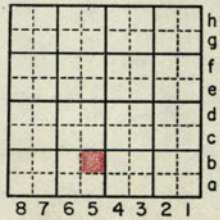
IV

Earthy slabby limestone with F.v. 3-4'+

Flat clay shale 3'

Coal - thickness 40" Measured by Bell
Said to 48" usually
Clay and sulphur band about 20" from top.

VII This limestone resembles cap rock 6 more than any other limestone seen in place.



By G.H. Cady Date 1927

Quadrangle Winchester

County Morgan Sec. 30 T 13N R 10W