FIELD NOTES

Illinois State Geological Survey

See maps nos. 4107 c3.5-7, d5.1-189, d5.1-190, d5.1-191 c3.5-8

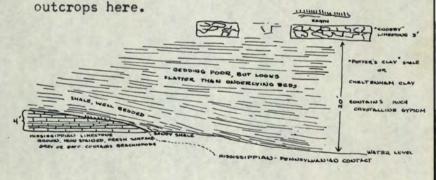
(0223.4a)

October 28, 1927

Road corner. Foot traverse N and E. 400' N. of road corner (0223.4b) Outcrop 6' clay shale overlain by 3' limestone - the "Pottsville Knobby". Elevation of contact is 35' above valley flat. 480' + 35' = 515'. Add 10' for interval to top of No. 2 coal; 515' + 10' = 525'.

(0223.6a)

Small creek, Mississippian-Pensylvanian contact. According to information from miner, J.E. Beckman. Exeter, there was 1/8 to 1/4 acre of a lower coal close to the contact, strip-mined in this creek, reported to be from 18" to as much as 4'. Hard and bright. No "roof". Some coal still



(continued on next page)

A.H. Bell Date 1927 By_

Griggsville Quadrangle_

County.

Scott

Sec. 23 T 15N R

FIELD NOTES

Illinois State Geological Survey

See maps 4107 c3.5-7, c3.5-8, dt.1-189, d5.1-190, d5.1-191

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(0223.6a) cont.

October 28, 1927

Since the bedding of the upper Pennsylvanian beds of this section is flat lying and also the bedding of the Mississippian it appears that the dip of 11° on the lower Pennsylvanian beds parallel to the unconformable surface is one of original deposition.

The pocket of coal must be small, not over 250' or so across, because the Mississippian - Pennsylvanian contact is exposed both up and down stream from it, with the coal absent. 250' up-stream (NW) from fence line. Mississippian limestone comes up 3' above creek level. Fine grained nearly white lithographic.

200' W. from last point base of "Knobby" is 8' above creek and Knobby is 5' thick. Estimated elevation of the contact is 505' + 8' = 513'. Estimated elevation for No. 2 coal 513' + 10' = 523'.

W. of house at 0223.6b, stream valley comes from NNW. Seems to have been omitted.

By A.H. Bell Date 1927

Quadrangle Griggsville 87654321

County Scott Sec. 23 T 15N R 13W

FIELD NOTES

Illinois State Geological Survey

(0223.56a and 0226.5h)

1935?

Old strip pit in thin coal.

Section exposed in bluff on E. side of branch are:
Limestone, gray, dense, very fossiliferous,
massive, hard
Clay, white to gray to dark gray at base,
soft to firm, none shows bedding
Coaly streak
Clay, dark gray, coaly, hard, fractures conchoidally
Clay, gray to light gray, soft to firm,
slightly sandy and bedded toward base
Limestone, gray to brown, massive, thickbedded, fossiliferous - Mississippian

In strip pit coal is very shaly and dirty 12-18" thick.

12-18"

ri i i i i h

Tre

Overlain by clay, gray to light gray, soft, plastic
Coal

Shale, black, sandy, coaly, hard, slabby Underlain at W. end by Mississippian which underlies clay over coal.

This apparently is small depression in surface of Mississippian in which this coal with underlying black shale has been deposited. Exposed in branch which cuts through pocket. Bounded on E. and W. by massive Mississippian limestone.

By E.T. Benson Date 1935	
By Date 1752	
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