## FIELD NOTES

## Illinois State Geological Survey

August 4, 1927
Outcrop limestone, sandstone, shale, and coal on W-facing bank of creek in Exeter. Local coal mine. Coal $27^{\prime \prime}$ with 30 "+ of black "slate" above it. Much sulphur and marcasiste (or pyrite) in coal. Secondary depostis of crystalline gypsum between layers of black shale. Coal is in bank and is $20^{\circ}$ or $25^{\prime}$ above valley floor.
Ca. $1000^{\prime} \mathrm{W}$, alone W. shore of Mauvais Terra limestone outcrops from water level to $15^{\prime}$ above water level. Lower part, grey is coarsely crystalline; upper part is white, dense, and crypto-crystalline. Elevation of water level is $478^{\prime}$ and of top of limestone 492'. 3/4 mile farther W. 17' massive rock exposed on road. Lower $8^{\prime}$ is
 crystalline limestone $6^{\prime \prime}$ shale then $6^{\prime}$ fine-grained, argillaceous limestone or siltstone, then $2^{\prime}$ coarse sandstone (and/or fine conglomerate) $8^{\prime}$ grey shale. Estimated elevation top Mississippian 495'.
By A.H. Bell Winchester 1927


Quadrangle
County Scott Sec. 25 T ${ }^{15 N} \mathbf{R}^{13 W}$

## Illinois State Geological Survey

See map no. 4107 c3.5-5
(0225.8f)

August 4, 1927
Exeter. SW edge of town. 450' S. of main road at mine dump. Found part of same section as above (S0130.8fg)

$$
\begin{aligned}
& \text { Top - } \text { black slate } \\
& \text { coal Elevation } 520^{\prime} \\
& \text { conglomerated limestone }
\end{aligned}
$$

This is at a local coal mine. Coal $26^{\prime \prime}$ to $32^{\prime \prime}$ thick.
W. of Exeter along creek near road. Exposure along creek $16 \frac{1}{2}{ }^{\prime}$ thick by $60^{\prime}$ long.
$\frac{1}{2}$ to 1 mile W. of Exeter, 1 to $1 \frac{1}{2}$ mile along road top -
02 8' shale, gray $2^{\prime}$ sandstone, coarse, brown
$6^{\prime}$ fine grained dolomite or Argellaceous limestone $\frac{1}{2}^{\prime}$ shale and sandstone 7' limestone crystalline

## (continued next page)



