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FIELD NOTES

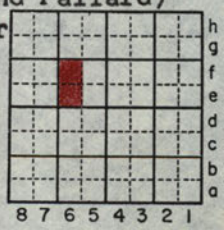
Illinois State Geological Survey

September 20, 1911
Map 4107 d5-37, Sheet 6

4R day - North of Lowell beginning at Bottomly's Mine.
Bottomly & Sons
Brookes Bros. Utica Route 65.

6f
4R 1. The black slate shows in ravine above bridge at elevation of about 520± with coal probably below bridge elevation 510±, below mine it shows in bluff at elevation about 510-508 but within 100 yards dips below river to west.
The coal in mine dips some north but in general is pretty regular.

6e
4R 2. At this place there is an outcrop of Galena in the stream. The limestone contains one good large Receptaculites. Dip 6-7° about due west.
Below mine there is an outcrop of sandstone in bed of river through which oil oozes. This is probably the basal Coal Measure sandstone lying above Galena here being insufficient distance between limestone outcrop and sandstone for the occurrance of the whole Trenton-Galena.
Fire clay above sandstone.
Mr. Bottomly worked in clay mine at Deer Park. Reports that back in mine limestone ledge appeared above potting clay and below #2 coal, 2-4' or more in thickness like pisolitic limestone very hard. (Dunlan and Pallard)
#2 coal outcrops under cliff across river from limestone.



By G.H.Cady Date 1911

Quadrangle La Salle

County La Salle Sec. 8 T 32N R 2E