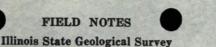
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August 15, 1929 (1906.1d)

Chicago Retort and Firebrick Company

Ground Fire Clay Fire Brick Special Fire Brick Shapes

60,000 9" equivalent per day 220 tons per day 6-9' clay below coal Use coal -22 - down draft kilns - capacity 40,000 brick each

FIELD NOTES

Mix local clay with Missouri flint clay About 100 miles southwest of St. Louis Drag line - coal stripped with drag line

20' shale stripping

Only large clay fire brick plant of any size in Illinois is making a variety of products.

This plant throws away the shale that the National Fireproofing Company uses one mile south.

The pit is one mile northeast of plant along the east bank of the Fox, in the SE/4 of Sec. 6

Plant at 1812.20

| By   | H.B. Willman |           |                       | e        |
|------|--------------|-----------|-----------------------|----------|
|      |              | Date 1929 |                       |          |
| Quad | rangle_      | Ottawa    | and the second second | 87654321 |



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Sec. 1,6 T 33N R3,4E

## FIELD NOTES **Illinois State Geological Survey**

August 16, 1929 (1801 and 1906)

Examination of terraces along north wall of Illinois River north of Ottawa and west of Fox River.

Farmer at house at end of road. center Sec. 6 T33N-R4E savs -

The mound near the house is composed of gravel and sand. The upper 12' is gravel and below that is largely sand. The gravel has been used and a contractor who used it in construction (concrete) reports that it was the best gravel he ever used. The well at the house - on the edge of the terrace is 18' deep in gravel. The whole flat behind the house is composed of gravel which shows in the fields.

The gravel in the top of the mound is poorly exposed but seems to contain a large portion of well rounded limestone pebbles which resemble the gravel at Buffalo Rock except the pebbles are not so large. There is little sand in the gravel.

In this area, there seems to be four terrace levels, not clearly distinguishable.

The area of flood plain is narrow. It is underlain by St. Peter sandstone.

From the edge of the flood plain to about the line of the abandoned feeder is a flat, underlain by Pennsylvanian deposits which has been cut up for clay and coal. There is only a thin layer of gravel and soil over this terrace. This terrace is distinguished by Currier's (L.C.) map as Pu 9.

Date 1929

(continued next page)

By H.B. Willman

Quadrangle\_\_\_Ottawa

County\_LaSalle