KENTUCKY GEOLOGICAL. BULLETIN NO. 1. THE OIL AND GAS SANDS OF KENTUCKY

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Kentucky Geological. Bulletin No. 1. The Oil and Gas Sands of Kentucky by J. B. Hoeing

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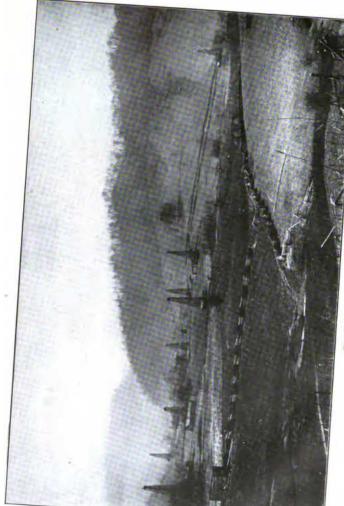
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J. B. HOEING

KENTUCKY GEOLOGICAL. BULLETIN NO. 1. THE OIL AND GAS SANDS OF KENTUCKY





View of Oil Pield on Richland Creek, Knox County,

GEOLOGICAL SURVEY OF KENTUCKY, 1704-1918.

CHARLES J. NORWOOD, DIRECTOR.

BULLETIN NO. I.

PRELIMINARY PART.

THE

OIL AND GAS SANDS OF KENTUCKY,

BY

J. B. HOEING, C. E.

OFFICE OF THE SURVEY: LEXINGTON.

1904

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Letter of Transmittal.

To His Excellency, J. C. W. BECKHAM,

Governor of Kentucky.

Sir: I have the honor to submit herewith a preliminary report on the Oil and Gas Sands of Kentucky, by Mr. J. B. Hoeing, assistant geologist.

As indicated in the title, the report is a preliminary part of Bulletin No. 1, the Act governing the Survey providing that "in cases of urgency the Director may issue preliminary parts of a bulletin, covering the special work so far as it has progressed, in advance of the completion of the entire bulletin." The insistent calls for authentic information concerning our stores of petroleum and gas, and the pressing need of a more intelligent system upon which to base development, which is so keenly felt by those who are engaged in prospecting the State, certainly present a case of "urgency," and I therefore respectfully ask that the report be published as expeditiously as possible.

It will be observed that in this report Mr. Hoeing has provisionally retained the nomenclature of the late William M. Linney, a former assistant geologist on the Kentucky Survey, for certain geologic formations, such as Hudson, Waverly, etc., which must now be discarded. The "Hudson" of Linney, for example, must be replaced by "Cincinnatian," with certain of its various subdivisions. The names used by Linney have been provisionally retained here not only because those terms are somewhat familiar to oil well drillers in the State, but because the Survey is not yet ready to present the revised nomenclature upon which work is now in progress. In the final bulletin the revised nomenclature will be used, correlated with the Linney names.

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Comparatively little concerning the oil possibilities of that part of the State west of the Louisville and Nashville division of the Louisville & Nashville Railroad is given in this report. This is due to the fact that comparatively little has been done in the way of prospecting that part of the State, and I have deemed it highly important that publication of results obtained in the study of those regions which are now of especial interest to investors shall not be delayed until the study of the western districts can be completed. Work in the western districts has been taken up, and it is believed that the Survey will be able to render valuable service in directing prospecting there. Hitherto, prospectors for oil in the western counties have, as a rule, been content to stop at the Devonian Black Shale; but, as appears in this report, that formation is of less importance as an oil horizon than any other one we have.

Very respectfully,

CHARLES J. NORWOOD, State Geologist.

Lexington, Ky., October 1, 1904.

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INTRODUCTORY LETTER.

Professor CHARLES J. NORWOOD,

Director, Kentucky Geological Survey.

Dear Sir: I have the honor to submit herewith a preliminary report on the Oil and Gas Sands of Kentucky.

Acknowledgments are due the many operators and drillers in the State who have kindly placed the records of their work at the disposal of the Survey, thereby rendering this report much more complete than otherwise would have been possible.

Respectfully,

J. B. HOEING, Assistant Geologist.

Lexington, Ky., October, 1904.