Plate 1.

Hotel at LaSalle Springs, Martin County, Indiana.

(See pp. 84, 85.)
THE STATE OF INDIANA,
EXECUTIVE DEPARTMENT,
March 11, 1903.

Received by the Governor, examined and referred to the Auditor of State for verification of the financial statement.

OFFICE OF AUDITOR OF STATE,
INDIANAPOLIS, April 21, 1903.

The within report, so far as the same relates to moneys drawn from the State Treasury, contains no statement.

D. E. SHERRICK,
Auditor of State.

APRIL 21, 1903.

Returned by the Auditor of State, with above certificate, and transmitted to Secretary of State for publication, upon the order of the Board of Commissioners of Public Printing and Binding.

GEO. B. LOCKWOOD,
Private Secretary.

Filed in the office of the Secretary of State of the State of Indiana, April 21, 1903.

DANIEL E. STORMS,
Secretary of State.

Received the within report and delivered to the printer this 22d day of April, 1903.

THOS. J. CARTER,
Clerk Printing Bureau.
HON. W. T. DURBIN, Governor of Indiana:

DEAR SIR—In accordance with the provisions of the law under which the Department of Geology and Natural Resources was organized, I have the honor to submit to you herewith the manuscript of the Twenty-sixth Annual Report of the said Department. The contents of the report pertain very largely to the economic resources of the State and embrace the results of the work accomplished by the different divisions of the Department during the calendar year 1901.

Respectfully yours,

W. S. BLATCHLEY,
State Geologist.
ASSISTANTS.

E. M. KINDLE, Franklin ...................... Field Assistant.
J. A. PRICE, Fort Wayne.................... Field Assistant.
L. E. DANIELS, LaPorte..................... Clerk and Field Assistant.
DR. ROBERT HESSLER, Logansport........ Assistant.
J. F. NEWSOM, Palo Alto, Cal............... Field Assistant.
W. A. NOYES, Terre Haute................ Chemist.
W. C. ZARING, Indianapolis............... Supervisor of Oil Inspection.
J. C. LEACH, Kokomo...................... Supervisor of Natural Gas.
JAMES EPPERSON, Linton ................ Inspector of Mines.
CHARLES LONG, Coal Bluff................ Assistant Inspector of Mines.
ANDREW DODDS, Oakland City.............. Assistant Inspector of Mines.
ISADORE KESSLER, Indianapolis........... Stenographer.
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DEPARTMENT OF GEOLOGY AND NATURAL RESOURCES.
INDIANAPOLIS, IND.

W. S. BLATCHLEY, State Geologist.

PLEASE ACKNOWLEDGE RECEIPT OF THIS VOLUME.

In return, Scientific Books, Fossils, etc., and Implements of the "Stone Age" are acceptable.

State Museum, Room 126, Third Floor, State House.
Open to the public from 8 A. M. to 5 P. M., except on Sundays and legal holidays. Admission free.

Office of State Geologist, Room 89, Third Floor, State House.
INTRODUCTORY.

The first paper included in this volume, entitled "The Mineral Waters of Indiana," gives the location and describes the character of the waters of more than 80 mineral wells and springs in different parts of the State. These mineral waters comprise one of the important Natural Resources of the State, which, in the future, will be much more appreciated than in the past. Those of two or three localities have already become so noted as to attract many thousands of visitors each year from all parts of the United States. A number of other springs and wells of the State have waters which are as valuable and worthy of increased public patronage as those of these better known resorts, and it is to be hoped that the present report will lead to their being brought more prominently to public notice.

The preparation of a paper on the "Medicinal Properties and Uses of Indiana Mineral Waters," was entrusted to Dr. Robert Hessler, of Logansport. Dr. Hessler is well qualified for the task, both by education and experience. He was for two years Assistant in Chemistry in the State University at Bloomington and is thoroughly acquainted with the chemistry of mineral waters. His intimate knowledge of pathology, of the science of the causation and nature of disease, is attested by the fact that for three years he was instructor of pathology in the Medical College of Indiana and pathologist to the Indianapolis City Hospital, and subsequently to the Central Indiana Hospital for Insane.

While on a recent tour through Europe, Dr. Hessler paid especial attention to the subject of health resorts, visiting many to see their location and surroundings and to note their methods of treating diseases. His remarks on foreign health resorts are, therefore, based on personal observation.

In his paper, Dr. Hessler treats the subject of the medical properties of our mineral waters and the indications for their use in an original manner, one that can not fail to be useful to any one interested in the question of what mineral waters will do and what they will not do. As the doctor himself has said: "The amount of ignorance displayed in regard to the requirements of the human body in health and in disease is something remarkable." It takes a medical man to occasionally show us how little we know about the body
in health and in disease, and his advice to employ some good physician when we are ill, and be guided by his advice, is no doubt correct.

“A Geologic and Topographic Section Across Southern Indiana,” is the title of an interesting and valuable paper by Prof. J. F. Newsom, formerly Assistant Professor of Geology in Indiana University. The paper and accompanying maps are based upon two seasons' field work done by Professor Newsom and a company of students. The section crosses the driftless area of the State, where the outcrops of the different formations can be easily studied. The region crossed embodies all the different formations represented in the State, and the section is the more interesting on that account.

A paper on “The Petroleum Industry in Indiana in 1901,” gives in detail the developments of that growing industry in the State during the year. It is accompanied by statistical tables which, had their value not been impaired by delayed publication, would doubtless have been of much interest to a large number of citizens who are financially interested in the oil wells of the State.

The remaining papers comprise the Reports of the State Mine Inspector, the State Supervisor of Natural Gas, and the State Supervisor of Oil Inspection for the calendar year 1901.