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## Oil Discovery Excitement in Iowa

Charles Keyes

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in liver than heart; muscle glycogen appears to rise above the pre-anoxic level.

DEPARTMENT OF CHEMISTRY,  
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IOWA CITY, IOWA.

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## OIL DISCOVERY EXCITEMENT IN IOWA

CHARLES KEYES

Nearly a quarter of a century ago, I ventured to present a paper before this Academy in which was pointed out a number of definite geological structures that could serve as oil reservoirs, and that were the most likely belts wherein to make practical tests for natural gas and rock-oil, in this state and Missouri. At the time, and for long after, oil men were so engaged in exploration of the then new oil-fields of Oklahoma, east Texas and Louisiana that little attention could be given to new explorations elsewhere. Recently, certain oil companies have been attracted to the Iowa and Missouri fields. As one of the best informed oil engineers stated, a little while ago, the remarkable interest recently displayed concerning the possible occurrence of natural gas and oil, in commercial quantities, in south-western Iowa and north-western Missouri, has resulted in one of the most active leasing campaigns ever known in the history of the oil industry. Already it is estimated that between 3,000,000 and 4,000,000 acres of land are now taken up under lease for gas and oil.

So, Iowa may soon become important as an oil and gas producer as she has with her great coal deposits during the last 50 years.

DES MOINES, IOWA.

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## INSOLUBLE RESIDUE OF THE MISSOURI AND VIRGIL SERIES IN SOUTHWESTERN IOWA

EDWIN H. WENBERG

The younger pennsylvanian strata of Iowa can be correlated largely on the basis of their insoluble residues. Samples were collected from exposed strata in southwestern Iowa, and adjacent parts of Missouri and Nebraska. After digestion in cold dilute muriatic acid the residues were separated by elutriation into two portions, one consisting of fragments and aggregates larger than