

OIL DEVELOPMENT AND PROSPECTS IN TENNESSEE

BY L. C. GLENN

Abstract

There is considerable activity in prospecting and drilling in a number of widely separated portions of the State. In several of these, where the rocks are a continuation of those in near-by productive areas in Kentucky, strikes have recently been reported. There is good reason to believe that oil will be found on parts of both the eastern and western Highland Rim and that additional productive areas will be found in the northern part of the Cumberland Plateau.

OIL GEOLOGY OF WARREN COUNTY, KENTUCKY

BY STUART ST. CLAIR

Abstract

In 1920 a new oil field was developed in Kentucky which promises to add largely to the oil production of the State. The field briefly described in this paper is in Warren county and lies just west of Bowling Green.

A gusher sand is found at or near the base of the St. Louis limestone from which initial flows may be as much as 2000 barrels per day, but the wells soon decline. The important sand is in the Silurian rocks from 75 to 130 feet below the base of the Devonian Black Shale and is at depths of 900 to 1300 feet with a thickness of pay sand from 5 to 30 feet. Initial production may be 100 to 200 barrels per day but the average is much less.

OIL SHALES OF KENTUCKY

BY WILLARD R. JILLSON

Abstract

The presence of broad outcrop areas of highly bituminous shales in Kentucky has long been recognized. During the past year several industrial experimental attempts have been inaugurated to recover oil from these Kentucky shales. Two methods (1) Destructive distillation, and (2) Digestive distillation are being used with success. Stratigraphy of Kentucky oil shales—Devonian, Mississippian, and Pennsylvanian. Summary of analyses, geographic evaluation, possible future commercialization.

THE OUTLOOK FOR OIL AND GAS IN PENNSYLVANIA

BY GEORGE H. ASHLEY

Abstract

Present conditions of production in Pennsylvania and the outlook for the future as regards (1) new drilling oil fields, (2) development of new