

is in a constant state of ebullition from the escape of gas. "Regularly every day," says J. F. Henry, "between four and five o'clock in the afternoon, it overflows; a large quantity of gas is liberated, and if a torch is applied, a flame results." At Fairview, Pennsylvania, a well drilled for oil, in 1870, to the depth of one thousand three hundred and thirty-five feet, yielded an immense volume of gas through a six-inch pipe, with so much noise as to be heard for a distance of two miles. The pressure was eighty pounds to the square inch. The gas was employed in establishments in Fairview, Petrolia, Kerns City, and Argyle, besides furnishing fuel used in drilling some forty other wells. In the same year, a well bored near Titusville discharged four million cubic feet per day. At East Sandy, in the same oil district, a gas well struck in 1869 resisted all efforts to extinguish its burning. "It roared like a cataract and could be heard for miles."

Within a couple of years, large supplies of gas have been obtained in northern Ohio, by boring down to the Trenton Limestone—at least, into the Cambrian; for some doubt exists as to the precise formation. It is announced (January, 1886,) that Fremont, Ohio, has reached a supply of two million feet daily. It is also reported that gas and oil have been obtained at Lima, Ohio, at the depth of one thousand two hundred and fifty-one feet. The gas produces a jet of flame thirty feet high.

The vicinity of Pittsburgh, however, surpasses all other regions in abundance of gas-supply. The surrounding country seems to be underlaid by reservoirs of incredible capacity. These, or some of these, have been tapped, and the product has come into extensive use in furnace and other operations. Mr. William Metcalf, writing in November, 1884, said: "An observer standing on a hill-top in Allegheny township, Westmoreland county—say about three miles southeast of the confluence of the Allegheny and Kiskeminetas rivers—can see, on a dark night, on the northwestern horizon, the reflection of the lights from the Butler county wells; to the north, the lights from the wells in the direction of Kittan'ing; to the