

clines. The structural conditions are very favorable in the western half for the segregation of any oil or gas therein into commercial pools, only two non-productive wells having been drilled in this portion, and three in the eastern half. These borings will now be discussed from west to east.

The **Daniel Sinclair No. 1 well (90)**, located in the southwest edge of the district in the Evansville Basin, 0.6 mile northwest of Dent, was drilled by J. G. Wolf of Sistersville, W. Va., to a depth of about 1300 feet, resulting in a dry hole. The boring starts about 100 feet above the horizon of the Upper Freeport coal, and should have penetrated the main division of the Big Injun sand. A log of the well could not be obtained, so it is not known at what depths shows of oil, gas or water, if any, were encountered. This test, in connection with the other two dry holes (69 and 67) in this Basin northward to Newburg, demonstrates the barren nature of the usual productive zones in the territory of this report. The Sinclair well (90), however, does not test the sands below the Big Injun.

The **W. A. Watson No. 1 well (97)**, located in the east edge of Fellowsville, about one-third the way up the eastern slope of the Evansville Basin, was drilled by Hon. J. M. Guffey of Pittsburgh, Pa., several years ago, resulting in a dry hole. The Survey was unable to obtain the log of this boring or any definite information as to whether oil or gas shows were encountered.

The **Eli and Samuel Nose No. 1 well (99)**, located in the southeast border of the district on Little Buffalo creek, 2.2 miles eastward from Sinclair, was drilled during the Civil War to a depth of about 600 feet, according to Howard Gore of Clarksburg, who now owns the land on which the test is situated. The boring starts in the Catskill measures and should have penetrated all the known productive sands of the State. Neither oil nor gas was found in paying quantities, but the well flows a strong stream of fine fresh water. This test is located two miles down the steeply pitching western slope of the Etam anticline, and, from a structural standpoint, was very poorly selected. No log of this well could be obtained.

The **Peasley Bros. No. 1 well (100)**, located on Buffalo creek near Etam, one-third mile east of the axis of the Etam