Potpourri
...from the Readers

ARKANSAS WATERS TESTED
BY STATE MINERAL SURVEY

(Submitted by D. M. Greer, Benton County director of the WPA Mineral Survey.)

The development of a region may be materially advanced or seriously retarded by the quality and quantity of surface and ground water supplies.

Ground water conditions are influenced by the physical character of the soils and bed rocks. The two provinces in which the State of Arkansas is divided—the highland and lowland sections—are examples of different types of soil and rock formations. In Benton County the water producing horizons consist chiefly of limestones, chert, sandstones, shales and dolomites.

The popular idea that because a spring flows "sparkling cold water" necessarily means that the water is fit for human or industrial use is as erroneous as are many other popular beliefs.

Surface waters are always susceptible to bacterial pollution from surface drainage.

The WPA Mineral Survey is investigating the water wells and springs of the state as well as its commercial minerals. Samples of water for analysis are taken from every county in which the survey is being made. In order to make the necessary analyses of minerals and waters and the testing of clays, a laboratory has been constructed in Little Rock.

In addition to the central laboratory, the mineral survey is installing field stations in many counties where a partial analysis will be made of water samples. Tests are made for carbon dioxide, (the excess presence of which causes pipe corrosion), chlorides, iron and hardness.

The advantage of sampling the water of wells and springs and of having them tested without delay is that test for carbon dioxide should be made as soon as possible after taking the sample, or within 18 hours.

In the course of sampling the water of wells and springs the County Supervisor in charge selects representative water specimens from all parts of his county for further analysis at the Little Rock laboratory where 15 additional tests will be made.

The cost to the county sponsoring a water testing station is about $50, covering the cost of equipment and chemicals. The county also provides a location for the plant at some point convenient to the town where the county supervisor has his headquarters, who selects a member of his crew to make the tests, the latter receiving instructions in the standard method of water testing at the laboratory in Little Rock.

The field workers make an accurate record of the exact location of each well and spring from which samples are taken. This is attached to the sample until the analysis is completed, when the record of the sample is turned in to the field supervisor.

WPA Aid Is Sought
in Hunt for Woman

Sheriff Unable to Reach Administration Officials

Bentonville, Ark. June 6. (Special) — Efforts by Sheriff W. A. Black to secure the assistance of Works Progress administration employees in a search for Mrs. Susan Standerfer, 78 years old, who disappeared Saturday from near Hiwasse, were unsuccessful Tuesday. A searching party of about 50 persons, including Gravette Boy Scouts, continued the hunt late Tuesday under the leadership of Deputy Sheriff Jack Hutcherson. Sheriff Black said he had been unable to locate State Administrator Floyd Sharp, of the WPA, or Area Supervisor Henry Armstrong at Fort Smith. The sheriff said he was informed that Sharp was out of the state.

Tuesday's searching party, however, included a number of men from the Benton county WPA mineral project. The project manager, D. M. Greer, received permission from Robert C. Beckstrom, Little Rock, state director of that division, to allow his men to join in the search.

Sheriff Black said he also attempted to reach the WPA supervisor at Harrison in order to secure the services of additional searchers.

Mrs. Standerfer disappeared from the home of her son-in-law, John Thornton, Sr., about six miles northwest of Hiwasse, Saturday at 1 p.m.

WPA Workers Asked to Search
For Benton County Resident

Special to the Gazette 1734
Bentonville, June 6.—Sheriff W. A. Black late today was attempting to have WPA workers assigned to the search for Mrs. Susan Standerfer, 78, who has been missing from her home, nine miles northwest of Hiwasse, since Saturday. Deputy Sheriff Jack Hutcherson directed a party in the search today, and a group from the Benton county WPA mineral survey project and Gravette Boy Scouts assisted.