

Selah Spring

Stayton Quadrangle

Marion County

T 7 S, R 1 W, about center SW $\frac{1}{4}$ sec. 5

This spring is located on the west bank of the Pudding River and on ranch land owned by Carl Dettwyler. It was developed for bottling purposes years ago but according to Dettwyler the venture never reached a production status.

Development of the spring consists of a concrete box approximately $3\frac{1}{2}$ x $3\frac{1}{2}$ feet, inside measurement, standing about 6 feet above the land surface and extending to a depth of 15 to 20 feet below ground level. An outlet pipe about 2 feet above the ground is plugged and water now escapes in a small flow from cracks in the concrete near ground level.

The spring issues from "older (Pleistocene) alluvium and terrace deposits" in an area underlain by an undifferentiated series of Tertiary sediments and volcanics, according to the geologic map accompanying USGS Water Supply Paper 890. The spring is not spotted on the map, however, nor is any mention of it made in the text. Observations by the writer are that the water tastes only mildly soda-like and is 52° F, with a standing surface inside the box about a foot above ground level. Gas in the form of numerous small bubbles is given off almost continuously from one portion or another of the pool surface but the total yield is light.

The gas is presumably carbon dioxide. No confirmatory sample was taken however due to the observably small gas yield emitted from the spring and the lack of any other known gas seepages or leakages elsewhere in the neighborhood.

Report by: N. S. Wagner
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