

Sonic and photoelectric logs as litho-porosity indicators

Sonic logs and photoelectric (PE) logs are both considered to be useful in determining lithology and porosity. However, the two aren't equal in

applicability. That's because of where shale falls in the spectrum of responses, and thus in the extent to which a sonic log response can reflect many different

possible mixtures. Gamma ray logs should help sort out such lithologic questions that arise from sonic logs.

