

GEOTHERMAL ENERGY ABSTRACTS

VASQUEZ, N. C., and Z. F. SARMIENTO, PNOC-Energy Development Corporation, Manila, Philippines

Reservoir Engineering Applications for Development and Exploitation of Geothermal Fields in the Philippines

After a geothermal well is completed, several tests and downhole measurements are conducted to help evaluate the subsurface fluid and reservoir properties intersected. From these tests, a conceptual model of the well can be developed by integrating data from the various parts of the field. This paper presents the completion techniques applied in geothermal wells, as well as the role of reservoir engineering science in delineating a field for development. Monitoring techniques and other reservoir engineering aspects of a field under exploitation are also discussed, with examples from the Philippines.