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PRESSURE TEST ANALYSIS AT CERRO PRIETO WELLS

(ANALISIS DE PRUEBAS DE PRESION EN POZOS DE CERRO PRIETO)

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ABSTRACT

As one of the main activities of the reservoir Engineering Department of the Coordinadora Ejecutiva de Cerro Prieto of the Comision Federal de Electricidad, pressure transient well test analysis, applied in a regular manner, acts as a fundamental tool due it's known capacity to generate data needed to characterize a reservoir during exploitation and expansion, as is the case at Cerro Prieto.

Therefore, to assist the characterization of exploitation zones and actual or future numerical modeling studies, this paper presents the results obtained from interpreting the two-rate flow, buildup, and injectivity-falloff tests developed at the Cerro Prieto geothermal field since 1985.

A brief description of the applied interpretation methods is also presented.