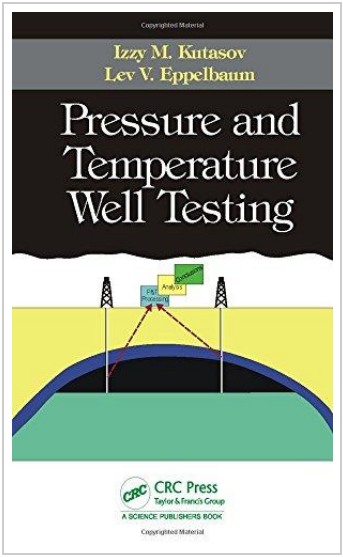

Pressure and Temperature Well Testing (Hardback)

By Lev V. Eppelbaum, Izzy M. Kutasov

Taylor Francis Inc, United States, 2015. Hardback. Book Condition: New. 235 x 156 mm. Language: English Brand New Book. The book comprises two parts: Pressure and Flow Well Testing (Part I) and Temperature Well Testing (Part II), and contains numerous authors developments. Due to the similarity in Darcy s and Fourier s laws the same differential diffusivity equation describes the transient flow of incompressible fluid in porous medium and heat conduction in solids. Therefore it is reasonable to assume that the techniques and data processing procedures of pressure well tests can be applied to temperature well tests. The book presents new methods to determine the formation of permeability and skin factors from tests conducted in simulated wells, designing interference well tests, processing constant bottom-hole pressure tests, estimation of the formation temperature and geothermal gradients from temperature surveys and logs, in-situ determination of the formation thermal conductivity and contact thermal resistance of boreholes, temperature regime of boreholes (cementing of production liners), and the recovery of thermal equilibrium in deep and superdeep wells. Processing and analysis of pressure and geothermal data are shown on numerous field examples from different regions of the world. The book is intended for students, engineers, and researchers...

Reviews

Extremely helpful for all class of folks. I really could comprehended almost everything using this written e publication. You will not feel monotony at at any time of the time (that's what catalogs are for about in the event you check with me).

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