



Advances in Low Mobility Formation Pressure Measurement

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Abstract

As oil and gas producers seek out and produce lower mobility formations due to higher commodity prices and declining conventional reserves, formation pressure and mobility measurement tools and techniques must meet the challenge of characterizing these formations. Recent expansion of Canadian and US Land exploration and production of coal bed methane, shale gas, thinly bedded sands and heavy oil present new environments for formation pressure and mobility measurements.

Technological advancements in formation pressure and mobility measurements have met these challenges with new tools and techniques geared to acquiring meaningful information under less than ideal conditions. Leading edge wireline and drill pipe conveyed, open and cased hole technology and techniques will be presented with examples to illustrate the successes and challenges encountered in today's lower mobility logging environments.