

Going unconventional: the downhole technologies which unlocked the gas shales potential

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Abstract:

The development of shale reservoirs was the biggest

technical revolution in the oil and gas industry since the move to the offshore plays. Although shale reservoirs were well known, and

occasionally developed, since decades, the oil shale and gas shale boomed only in the beginning of the XXI century with the application to the low-budget projects typical of the shale business of expensive state-of-the art directional drilling, logging while drilling, stimulation and completion technologies originally developed for high- budget offshore projects. The application of these technologies to the shall reservoir had disruptive effects on the whole industry, threatening the market dominance of conventional oil and triggering an oil price war. This lecture will briefly cover the challenges posed by the development of unconventional shale reservoirs and the technical solutions adopted to overcome those challenges.

Afferenza: Baker Hughes Incorporated, Houston

Proponente: Mariagabriella Fornasiero

Allegato

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