
5D Interpolation Adds Value at the Drill Bit for a Texas 3D Seismic Survey

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ABSTRACT

Often there are cases where acquiring newer seismic data is either difficult or not cost effective. The geophysicist then looks to reprocessing with newer technology to improve the subsurface image of seismic data to reduce the risk prior to drilling. Such is the following case study in north-central Texas where reprocessing reduced the risk by improving well planning and completions in the drilling of additional wells that added an estimated ultimate recoverable of 12.4 billion cubic feet of gas to the lease.