

## عنوان مقاله:

Evaluation of reservoir properties in one of the gas fields of SW Iran

## محل انتشار:

همایش بین المللی توسعه فناوری در نفت، گاز، پالایش و پتروشیمی (سال: 1398)

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## خلاصه مقاله:

Nowadays, recovery of compressional and shear waves acoustic impedances and their related attributes have been used in the industry for their applications in the estimation of reservoir properties. In this article, the compressional and shear wave acoustic impedances have been recovered from seismic data using Hampson-Russell software in one of the Iran gas reservoirs. Then, two attributes which are equal to the crosses of the two Lamé's constants and density, have been calculated by this recovered acoustic impedance. In the end, the cross plotting of the calculated attributes shows the decreasing of these two attributes with increasing porosity.

## کلمات کلیدی:

.Porosity, Reservoir characterization, Lithology, Density, Attributes

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/978040>

