

عنوان مقاله:

3D land seismic survey design Optimization of

محل انتشار:

سومین کنگره ملی مهندسی نفت (سال: 1390)

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خلاصه مقاله:

3D seismic surveys, which change the Acquisition obstacles are one of the greatest problems that can disturb geophysical parameters and increase the cost of the surveys. Therefore determining these obstacles besides studying 3D survey design factors, the methods of decreasing their impacts is of a great importance. This article studies 3D seismic survey. This introduces the optimum design pattern in a case study and explains the ways of optimizing a article also studies the obstacles in one of the Iran's south western oil fields and describes the methods of handling 3 them and suppressing their effects in different stages of survey design. These survey designs have been analyzed in stages. Results of different analyses guarantee the reliability and efficiency of this method.

کلمات کلیدی:

3D seismic survey design, optimization, orthogonal, acquisition obstacles

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