

## عنوان مقاله:

A Case Study for Investigation into the Effect of Pomegranate Juice Additive on the Fluid Behavior of Drilling Mud

## محل انتشار:

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تعداد صفحات اصل مقاله: 10

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## خلاصه مقاله:

Drilling fluid contributes more than 40% of total cost of oil well drilling. There are more than 2'000 drilling additives used in drilling of oil and gas wells, most of them are costly and not available locally. The objective of this paper is to use Pomegranate Juice as drilling fluid additive for filtration lost controlling. To achieve this objective the rheology of mud in which this processed seeds is added as an additive is experimentally investigated. Physical properties of the fluid such as viscosity, mud weight, gel strength and filtration property. The result of the research is expected to be used in Iranian oil/gas drilling industry

## کلمات کلیدی:

Apparent Viscosity, Filtration Loss, Gel Strength, Mud Weight, Pomegranate Juice

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/147013>

