

## عنوان مقاله:

Operational and safety factors in the manufacture and operation of glycolytic fluid

## محل انتشار:

ششمین کنگره ملی تحقیقات راهبردی در شیمی و مهندسی شیمی با تاکید بر فناوری های بومی ایران (سال: 1398)

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## نویسندگان:

Mohammad Noormohammadi - *Department of Chemical Engineering, Islamic Azad University, Dezful Faculty, Dezful, Iran*

Hamid Salimi - *Manager of Drilling services SRP, SABA RIG providing company, Ahwaz*

Molood Barmala - *Assistant Professor, Department of Chemical engineering, Islamic Azad University of Dezful*

Ali Hosseininasab - *Head Of Department of Electricity, SABA RIG Providing Company, Ahwaz*

## خلاصه مقاله:

In order for a drilling fluid to perform its job well under different conditions and formations, we must consider a number of parameters that are most important: area geology, well design, cost, environmental impact, rock strength, Well pressure and temperature, production rate and damage. The most suitable option for drilling in Chilean layers are base oil drilling fluids and the reason they are superior to other drilling fluids is that in addition to their proper stabilization properties, they have other benefits such as lubrication, thermal stability and adhesion prevention. Drilling glycol is an environmentally friendly mud that can improve specific drilling problems; in general, the main task it pursues is to increase shale stability and shedding after drilling mud. Well wall prevents during drilling operations Glycol based mud fluid has the benefits of being able to control shale formations such as shale and their stability, preventing damage to hydrocarbon reservoirs and increasing the efficiency of oil and gas wells, reducing costs Drilling operation and addition of Glycol base systems extend the life of the systems Cooling, designed and formulated based on the new organic-inorganic hybrid technology, it creates the perfect heat transfer characteristics for systems, adapters and heavy duty engines. The purpose of this research article is to investigate the construction of this flower .as well as its safety to reduce harm to individuals as well as its effective characteristics

## کلمات کلیدی:

Geology, Cost, Option, Drilling, Investigate

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