

## عنوان مقاله:

Surveying the temporal variations of water temperature of gaseous wells in region of Hamehkasi-Famenin in order to obtain geothermal energy

## محل انتشار:

اولین کنگره بین المللی زمین، فضا و انرژی پاک (سال: 1394)

تعداد صفحات اصل مقاله: 1

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## خلاصه مقاله:

Requiring more energy and limitations in using fossil fuels has caused human to goes onrenewable energies such as geothermal energy. In recent years, the water of some of theagricultural wells in the region of Hamehkasi- a county of town of Famenin in state ofHamedan- has become corrosive, salty and gaseous. So it is assumed that the gas is evidenceof the existence of a geothermal resource in the region. Therefore, to this end, gaseous wellswere identified and their temperatures were measured monthly during the three years. Then,data were analyzed by analysis of variance with repeated observations method. The resultsshowed that temperature changes in most wells with a confidence level of 90% over the pastthree years are significant and illustrate an upward trend. These results confirm .the possibilityof existence of an internal geothermal resource

## کلمات کلیدی:

Geothermal Energy, Temporal Variations of Temperature, Gaseous Wells, Hamedan

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