JOINT EVENT

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Reasonable allocation for Water Producing Gas Well in Tight Gas Reservoir

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The Western zone of Sulige gas field is tight reservoir which has a large area of aquifer, it's very common that well products water, the average water-gas ratio of the zone is about 1m3/104m3, some wells are more than 3m3/104m3 so that wells don't work virtually. Due to low single well gas production in tight reservoir, the production is always measured by the gas gathering station as a basic unit so most of wells have no gas and water production data and bring the very big difficult, this paper presents the method of determining the reasonable production system of gas well in the western block. The Western zone of Sulige gas field is tight reservoir which has a large area of aquifer, it's very common that well products water, the average water-gas ratio of the zone is about 1m3/104m3, some wells are more than 3m3/104m3 so that wells don't work virtually. Due to low single well gas production in tight reservoir, the production is always measured by the gas gathering station as a basic unit so most of wells have no gas and water production data and bring the very big difficult, this paper presents the method of determining the reasonable production system of gas well in the western block.

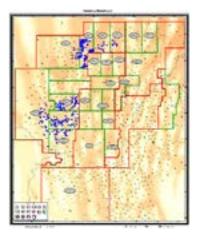


Fig. Gas-water distribution modes

Recent Publications

1. Architecture and quantitative assessment of channeled clastic deposits, Shihezi sandstone (Lower Permian), Ordos Basin, China[J], 2017, Journal of Natural Gas Geoscience.

Biography

Engineer, born in January 1984. Master degree, Graduated from China university of petroleum (Beijing) in 2010. Mainly engaged in natural gas development. Research on numerical simulation, gas reservoir engineering and gas development plan.

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