



Contraption and Prediction of Exhalation Tight Brownstone in Exhalation Cistern

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Abstract

The reservoir connate water saturation is high and gas wells generally produce water which seriously affects the productivity of gas wells in Xujiache tight sandstone gas reservoirs in Sichuan Basin. Take the sixth formation for example, there are 39 wells producing water unequally in the 42 commissioning wells, and the excessive water production leads to the production of the gas well declining rapidly. Studying of the mechanism of water production in tight sandstone gas reservoirs and predicting the characteristics of water productivity is the premise for the gas well completion process and making a reasonable working system, and it also has important meanings for improving the development effect and reducing development costs

Keywords: Contraption; prediction of exhalation; exhalation cistern