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摘要:

从微量元素地球化学和包裹体地球化学角度系统对比分析了准噶尔盆地红山嘴断裂带地区(主断裂及其上下盘)的含油气流体活动特点, 结果表明, 断裂在构造活动期是油气流体运移的良好通道, 断裂上下盘中聚集的油气经由主断裂运移进入, 且上盘优先接受充注, 油气在断裂带中的运聚主要包括两个期次, 每一期次又包括了多个幕, 并可能具有幕式活动特征。

关键词: [微量元素](#) [流体包裹体](#) [含油气流体运移](#) [断裂](#) [红山嘴](#) [车排子](#) [准噶尔盆地](#) [新疆](#)

Geochemical Analysis on Petroleum Fluid Activity in the Hongshanzui- Chepaizi Fault Zone, the Junggar Basin [Download Fulltext](#)

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Abstract:

Features of the petroleum fluid activity in the Hongshanzui- Chepaizi fault zone, including the main fault belt and its wall rocks, of the Junggar Basin are described by means of geochemical approaches of trace elements and fluid inclusions. It is showed that the fault acted as a good conduit for petroleum fluid migration during the activating period. The generated hydrocarbons were charged to wall rock reservoirs along the shearing zone, and the upper wall of the fault is relatively more favorable for petroleum accumulation compared with the lower wall. Two critical moments for petroleum charge were suggested, which could be further divided into many sub-periods. Oil and gas were migrated periodically in an oil-gas-water-mixed phase in the fault zone.

Keywords: [trace element](#) [fluid inclusion](#) [petroleum fluid migration](#) [fault zone](#) [the Junggar Basin](#)

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