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封 面 照 片：样品来自塔里木盆地玉北5井，奥陶系蓬莱坝组，硅质白云岩储层。硅质以细-微晶石英晶体充填于白云岩缝洞中，具多期充填生长纹层结构，单偏光，2.5X

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Cover Photo: Silica, in the form of fine to microcrystalline quartz crystals, fills the fractures and pores of the dolomite, exhibiting a multi-stage filling structure with growth lamellae. Observed under plane-polarized light. The sample is from the Yubei-5 well in the Tarim Basin, taken from the Ordovician Penglaiba Formation, a siliceous dolomite reservoir.

Photo by courtesy of Dr. Shi Kaibo from Peking University

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