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ON COVER – A geologist examining a highwall of the Woodford Shale (Upper Devonian-Lower Mississippian) exposed at a location near Ada, Oklahoma. The Woodford, a siliceous shale containing layers of interbedded chert, is finely laminated throughout (inset). See related article by Houseknecht et al. on p.1739 of this issue of the Bulletin. Photo by Stanley T. Paxton.

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