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Cover illustration:
Folded and fractured Middle Cretaceous carbonate reservoirs, Kuh-E-Kurnas, Simply Folded Belt of the Zagros Mountains, Lurestan, Iran. The core of the anticline, exposed in the antecedent river gorge, is composed of basinal facies of the Garau Fm, which are overlain by thick, cliff-forming, Cenomanian–Turonian heretic carbonates of the Sarvak Fm. The dark coloured left-dipping horizon, exposed in the centre of the river gorge, is a stratabound dolomite (see Lapponi et al., this volume). Elevation from river valley to summit is 1440 m. Cenomanian–Turonian fractured carbonates form prolific reservoirs in the adjacent Mesopotamian foreland basin in Iran and Iraq. The outcrops provide analogues for nearby subsurface exploration targets and producing fields.
Photo courtesy of Ian Sharp, Statoil.