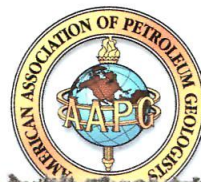


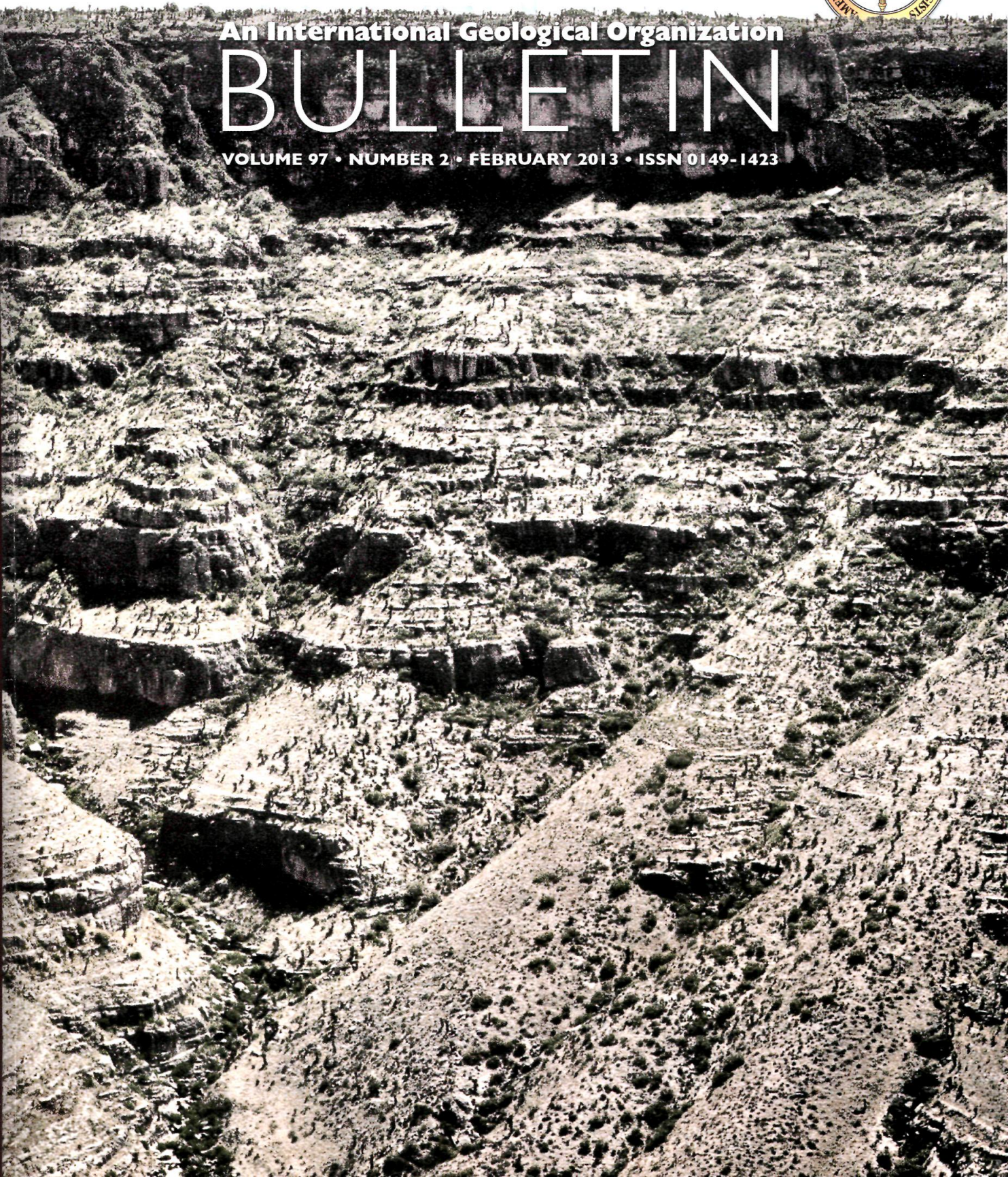
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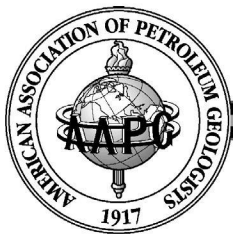


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ON COVER – Photograph of the western part of Apache Canyon in the Sierra Diablo mountains, eastern Hudspeth County, west Texas showing world-class outcrops of Lower Permian rocks equivalent to producing reservoir facies in the subsurface of the Permian Basin. As much as 1700 ft (518 m) of section is exposed continuously for up to 5 miles (8 km). The section exposed here comprises peritidal and shallow subtidal carbonates of the Wolfcampian (lower 2/3) and overlying distal platform subtidal to tidal flat carbonates of the lower Leonardian (upper 1/3). See related article by Ruppel and Ward on p. 223 of this issue of the Bulletin. Photo by Stephen C. Ruppel.

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