

HGS North American Explorationists Fractured Reservoir Workshop, June 24, 1996, 11:30 a.m. - 5:30 p.m.

On Monday, June 24, the North American Explorationists usual Dinner Meeting will be replaced by a half-day Workshop on Fractured Reservoirs, held jointly with the GSH and SPWLA groups. We have selected a multidisciplinary program to challenge explorationists to think about fractured reservoirs from new perspectives. The meeting cost is \$35, which includes a catered lunch, posters and demonstrations during the Social Hour, and a book of abstracts. This afternoon session will be held in downtown Houston from 11:30 to 5:30 p.m. at the Petroleum Club of Houston, on the 43rd floor of the Exxon Building, 800 Bell Avenue. For reservations call Cathy King, (713) 972-4223. Discussions and questions led by Distinguished Panelists: Ron Nelson, (Amoco), Bill Riser (Conoco), and Bob Withers (ARCO).

Prediction of Fractured Reservoir Properties and Performance in Folded Carbonates

By J.M. Degraff, et al., Exxon Production Research, Houston

Fractured reservoirs are common exploration targets in fold and thrust belts because of the relatively high levels of structural deformation. In the Canadian Rocky Mountain foothills: 1) lithology and structure are the primary controls on fracture intensity and orientation, 2) intensity of effective fractures correlates to gas productivity, and 3) map curvature is a useful tool for pre-drill estimates of fracture intensity and expected flow rates. The results presented enable integration of lithologic and structural data from complex settings for improved fracture prediction, which is important for prospect evaluation, target selection, and drilling and completion strategies.