

Prospects and LeadsChat Prospect T-15-P

The Chat prospect is best illustrated by Weaver's seismic line WB-82-27, Enclosure 4, and Weaver's seismic line WB-82-28, Enclosure 5. Strong southwest dipping reflectors terminate up-dip, towards the northeast, without rollover, against down- to-the northeast major normal faults. Significant regional convergence, towards the northeast, or, out-of-the basin, is well illustrated.

Seismic time structure maps have been constructed for the general prospect area at the following key horizons levels. The map scale is 1:100,000. The contour interval is shown on each map. The shallowest map level is at the Paleocene L. balmei (unconformity) seismic horizon. Enclosure Map 1. At this level the Chat prospect has an area of closure of some 1600 acres. Its relief is some 50 milliseconds. The intermediate depth map level is at the Upper Cretaceous seismic horizon, Enclosure Map 3. At this level the Chat prospect has an area of closure of some 2500 acres. Its relief is 30 milliseconds.

A down to the southwest fault, with a northwest trend, indicate that the Chat prospect is located on a horst block. The downthrown area to the southwest is characterized both at the level of the Upper Cretaceous and Paleocene L. balmei (unconformity) seismic horizons by several northeast trending normal faults. The throw of these faults is generally towards the southeast. The deepest map level is at the intra-Upper Cretaceous Unconformity seismic horizon, Enclosure Map 4. At this level the Chat prospect has an area of closure of 15,000 acres. Its relief is some 300 milliseconds.

The entire Eastern View Coal Measures section is considered prospective and additional seismic acquisition is planned to better define the potential of the Chat prospect.