

Seismic Maps (con't.)

trend with it and to the southeast, are two large closure areas located outside the permits area, further to the southeast is the Durroon #1 well.

The Sea Eagle prospect is located on a sub-parallel and separate fault trend.

The A-6 prospect is well illustrated at this horizon level, while the key fault trends and a minor closure are recognized in the A-4 prospect area.

Map 6 is a seismic dip rate map on events truncated beneath the intra-Upper Cretaceous Unconformity horizon. The scale is 1:100,000 and the contour interval is 100 milliseconds. This map covers portions of Permit T-15-P and T-16-P.

The A-4 and 81-21 prospects are fault bounded, westward dipping, tilted fault blocks. The trapping mechanism is one of termination of beds beneath an unconformity surface at the shallow levels and up-dip termination of beds against a fault plane at the deeper levels. Closure at the unconformity level is mapped at the A-4 prospect location. Regional dip is to the northwest and critical dip is towards the southeast.

Map 7 is a seismic isotime map between the intra-Upper Cretaceous Unconformity horizon and the mid-Cretaceous Unconformity horizon over the Sea Eagle prospect area. This isotime interval pinches out over the central area of this major southwestward tilted fault block.

The scale is 1:100,000 and the contour interval is 50 milliseconds.

Map 8 is a seismic time structure map at the mid-Cretaceous Unconformity horizon level. The scale is 1:100,000 and the contour interval is 100 milliseconds.

Two sub-parallel, northwest trending, fault systems are shown. A secondary system of almost east-west trending smaller faults is recognized.

The Shearwater lead is shown to be a southwestward tilted fault block located on trend and updip from the Durroon #1 well.