

VI.5 LILY, WATER LILY AND SOUTH LILY

The Lily prospect was originally recognised on the WB82-38 line (enclosure 15). The Lily area has been mapped at the Intra Upper Cretaceous horizon (figure 9.6 & enclosure 3.6).

The Lily prospect is proposed to test a diapiric (compressional?) structure of Late Cretaceous age sediments on the downthrown side of normal basement fault. The areal closure of the Lily structure is approximately 28 sq km, and vertical closure is approximately 600 ft.

The Lily -1 well is proposed on seismic line WB82-37 at s.p. 200.

More seismic data is recommended to mature this prospect.

The Water Lily lead is located on BMR82-20 seismic line, and is interpreted as a shale diapir which caused formation of a big structure. The alternative interpretation of the structure as created by wrenching during the beginning of the sag period, is also possible. To confirm the anomaly a portion of BMR82-20 seismic line was migrated by Bridge Oil in June 1985. Two older lines EF68-94 and B69A-6 cross the Water Lily lead and also confirm the anomaly.

In order to map the anomaly properly and upgrade it to a drillable prospect it is recommended that approx. 275km of additional seismic data should be acquired.