

WELL SUMMARY CAPE SORELL # 1

The main objective of the Cape Sorell # 1 well was to evaluate the hydrocarbon potential of structurally and stratigraphically confined Lower Cretaceous Pretty Hill sandstones and Upper Cretaceous Waaire sandstones.

The drilling site was located in the off-shore Cape Sorell Basin, approximately 7 1/2 miles west of Strahan in Tasmania. The water depth at the location was 308ft. below MSL. The proposed co-ordinates of the well were:

Latitude: 42 3 9.54

Longitude: 145 1 47.06

A satellite fix however showed the rig to be 20.32ft. (6.19m) off the proposed location.

The well was drilled using the semi-submersible "Diamond M Epoch" drilling unit. The well was spudded at 09.15hrs. Monday 5th. July 1982.

A 36" hole was drilled to 720ft. in 20 hours with a 26" Reed bit and a 36" hole opener. 30" casing was then run and the shoe set at 693ft.

A 12 1/4" hole was drilled to 1440ft. and then under-reamed to a diameter of 26". After conditioning the hole, the 20" casing was run and the shoe set at 1393ft. This operation took four days to complete.

Before drilling ahead the BOP was tested and a leak off was performed successfully on the formation below the casing.

A 12 1/4" hole was drilled to a depth of 4158ft. and subsequently under-reamed to a diameter of 17 1/2". Following hole conditioning and the completion of a full Schlumberger logging suite the 13 3/8" casing was run in and the shoe set at 4144ft.