

466016

36" HOLE AND 30" STRUCTURAL CASING PHASE

The well Cape Sorell # 1 was soudded at 09.15 hours on the 5th July 1961

BIT # 1 REED 26" with 36" HTC H/O 2\*(3\*20):

A 36" hole was drilled from 381 ft(E.K.B).In the initial stages of drilling,a WOB of 5 klbs and RPM of 60 was used;this increased to WOB,20 klbs,RPM,100.The R.O.P slowed down significantly at 660 ft,from 50 ft/hr to 10 ft/hr.At 690 ft,after 12 1/4 hours on bottom,the bit was pulled out ,the hole opener badly worn although bit wear was slight.

BIT # 2 SMITH DSJ 26" with 36" HTC H/O (3\*22)(3\*24)

The 36" hole was drilled down to 720 ft with no problems,running WOB,20 klbs,RPM 90.The bit was pulled out after 2 1/2 hours on bottom.

After circulating,30" casing was run,and the casing shoe set at 693 ft

BIT # RR2

Drilled out shoe and cement with WOB,10-12 klbs,RPM,70.