

### 3 WELL HISTORY

Please note all depths in this summary are drillers depths from RT unless otherwise annotated as logger's depths (L).

#### 3.1 Drilling Summary

The first anchor was dropped at 0600 hours on 28 November 1992 and the Ocean Epoch rig towed onto location. Flinders 1 was spudded at 1000 hours on 29 November 1992 in 69.25m of water and some 0.4m from the intended location.

The 914mm (36") hole was drilled using a 600mm (26") bit and 914mm hole opener to 127.6m. Sea water and high viscosity pills were used to keep the hole clean with returns to the sea floor. 762mm (30") casing and the permanent guide base were run and cemented with the shoe at 124.5m.

A 445mm (17½") bit and bottom hole assembly were run in to drill out the cement, float, shoe and drill to the next casing point at 408m. Again sea water and high viscosity pills were used to keep the hole clean with returns to the sea floor. No problems were encountered during drilling.

340mm (13⅜") casing was run and cemented with the shoe at 403m. The BOP stack and riser were run and the flowline nipped up. After the stack and surface equipment were satisfactorily pressure tested, a 311mm (12¼") bit and bottom hole assembly were picked up and run in the hole, tagging cement at 377m. The cement, float collar, shoe and shoe track and 2m of formation were drilled to 410m. After displacing the hole to sea water gel polymer mud, an EMW of 1701kg/m<sup>3</sup> (14.2ppg) was obtained from the formation integrity test.

Drilling continued to the 244mm (9⅝") casing point at 1525m. During the drilling of this interval of hole a number of tight intervals were encountered whilst tripping. These were reamed and generally caused little further problems while drilling. After a wiper trip a multishot tool was dropped and the pipe pulled out of the hole from 1525m.

Halliburton Logging Services (HLS) were rigged up to run Suite 1 of logs comprising the DLL-MSFL-LSS-GR-DTD-SP combination, but were unable to pass a bridge at 780m. Extensive reaming was required and the mud weight was raised to 1162kg/m<sup>3</sup> (9.7ppg). Reaming was again required on a wiper trip and the mud weight raised further to 1186kg/m<sup>3</sup>. The hole was good on the way out and HLS rigged up to log. The combination tool hung up at 1240m some 280m off bottom and the hole logged out over the interval 1240m to 403m with the gamma ray to the mud line. A wiper trip was made and the 244mm (9⅝") casing run to 1520m.

The plug was bumped to 2000psi and the casing was pressure tested. The packoff was set and pressure tested. The BOP stack and surface equipment were similarly pressure tested satisfactorily.