

## II. DRILLING AND ENGINEERING

### A. WELL HISTORY

#### 36" Hole section : Interval 104m - 209m (343' - 685')

Tilana No.1 was spudded at 20:30 hrs on the 5th September 1985 in a water depth of 82m (270'). Rotary table to Mean Sea Level was 22m (73'). All depths in this report are in metres (feet) below the rotary table.

The 36" hole was drilled using a 26" bit in tandem with a 36" hole opener.

The drilling time was 4.5 hours, giving an average ROP of 23.2 m/hr (76 ft/hr).

Seawater was used as a drilling fluid. The deviation at 209m (685') was 0.5 degrees. The 30" casing was set and cemented at 203m (667').

#### 26" Hole section : Interval 209m - 416m (685' - 1365')

This section was drilled in 7 hours at an average ROP of 29.6 m/hr (97 ft/hr). Seawater was used as the drilling fluid. The deviation at 416m (1365') was 0.5 degrees. A wiper trip was conducted, with a bridge that required reaming at 404m (1325'). The hole was displaced with seawater/gel mud and the 20" casing was run to 413m (1356'). The BOP stack and marine riser were installed before drilling ahead.

#### 12.25" Pilot Hole section : Interval 416m - 1662m (1365' - 5452')

This section was drilled in 46.8 hours at an average ROP of 26.6 m/hr (87.3 ft/hr). For bit details refer to Table 1, Bit Data, for the three bits used.

A 17.5" hole was drilled to 418m (1372') and a Formation Integrity Test was run, with leak-off at an equivalent mud density of 15.3 ppg.