



DETAILED DISCUSSION BY INTERVALS

FLINDERS #1

The rig OCEAN EPOCH moved onto location on 28 November, 1992. Prior to spud, SM(X) polymer and Bentonite spud mud was mixed in the reserve pits.

At 10.00 am 29 November, 1992 SAGASCO Resources' well, FLINDERS #1, was spudded.

36" HOLE SECTION

The 36" hole interval was drilled using a 26" bit combined with a 36" hole opener. The interval was drilled without problems from 91.55 m to 127.6 m using seawater and high viscosity SM(X) polymer sweeps as required. At 127.6 m the hole was swept with a 16 m³ high viscosity sweep prior to making a wiper trip. No problems were encountered on the wiper trip and the hole was displaced with 50 m³ of Bentonite fluid before pulling out to run 30" casing. The casing was run in without incident and cemented with the shoe at 124.75 m.

17¹/₂" HOLE SECTION

The 17¹/₂" hole was drilled with seawater and SM(X) high viscosity sweeps with returns to the seabed. As in the previous section a funnel viscosity of 90-100 sec/l was maintained in the high viscosity sweeps. The 17¹/₂" hole was drilled to a casing depth of 408 m without problems, again high viscosity sweeps were pumped as required. Prior to reaching casing depth 160 cu.m of Bentonite high viscosity fluid was mixed and stored. At casing depth the hole was swept with 16 m³ of high viscosity fluid before making a trip to the shoe.

The wiper trip encountered no problems and when back on bottom the hole was displaced with 127 m³ of high viscosity Bentonite fluid. The 13³/₈" casing was then run and cemented without problems with the shoe at 403 m.

12¹/₄" HOLE SECTION

While running the Blowout Preventer Stack and the riser, SEAWATER/GEL/POLYMER fluid was mixed on surface. The casing shoe was drilled out with seawater before displacing the hole to the pre-mixed system. An F.I.T. to an equivalent mud weight of 1.73 SG was carried out before drilling ahead.