

AMOCO AUSTRALIA PETROLEUM COMPANY  
KOORKAH NO. 1

DISCUSSION BY INTERVAL

12<sup>1</sup>/<sub>4</sub>" HOLE:            5246 to 10331 ft        (1599.0 - 3148.9 M)

General

After testing the BOP stack, picking up a new BHA and running into the hole, cement and the shoe were drilled out with mud from the previous interval. At the shoe the hole was displaced with premixed Low-Solids/Non-Dispersed Freshwater Mud. New formation was drilled to to 5251 ft, where a sample from a drilling break was circulated up. At 5740 ft, another drilling break occurred and a sample was again circulated up. 12<sup>1</sup>/<sub>4</sub>" hole was drilled to 6321 ft where the bit was changed.

Drilling continued through Sandstone and Siltstone. At this stage, fine sand began blocking the shaker screens and the pump rate was reduced to minimise mud losses. New mud was premixed and continually added to the system to maintain volume. All available solids equipment was run, but it was still necessary to dilute with premix mud to minimise solids build-up, as well as to maintain volume.

At approximately 7000 ft, contamination by CO<sub>2</sub> was noticed and additions of Lime were begun to counteract this. Mud properties improved after breakover and drilling continued without any major problems.

While drilling from 7500 ft to 8500 ft, one shaker needed repairs and it was necessary to increase dilution with premixed mud to maintain minimum drill solids.

At 7510 ft, the bit was changed and the trip recorded drag at 7180 ft (20 klb.), 7118 ft (415 klb.) and 7205 ft (60 klb.). No fill was evident on the trip in the hole and drilling continued.