

**AMOCO AUSTRALIA PETROLEUM COMPANY
KOORKAH NO. 1**

DISCUSSION BY INTERVAL

<u>36" Hole</u>	RKB to 629 ft (RKB to Seabed = 297 ft) (90.5 - 191.7 M)
	30" casing set at 624 ft (190.1 M)

Koorkah No. 1 was spudded at 15:12 hrs on November 28, 1985.

The 36" hole was drilled with seawater, pumping a 50 bbl high viscosity pill every 60 feet. Fluid returns were to the seabed. At 629 feet the hole was flushed with 75 bbls of high viscosity mud followed by seawater. After making a wiper trip to the mudline, 450 bbls of high viscosity mud were displaced into the hole.

The high viscosity mud was prepared by prehydrating 40 ppb AQUAGEL bentonite in drill water and then flocculating this mix with Lime just prior to pumping downhole.

Mud carrying capacity was excellent and good yield points were obtained. No problems were experienced in running the 30" casing to 624 feet.

<u>26" Hole</u>	629 to 1360 ft (191.7 - 414.5 M)
	20" casing set at 1319 ft (402.0 M)

As with the previous 36" hole section, 26" hole was drilled with seawater. 50 bbl pills of high viscosity Bentonite mud were pumped periodically to assist with hole cleaning and stability. Returns were to the seabed.

At 1330 feet, the hole was swept with a 200 bbl high viscosity pill prior to making a wiper trip to the 30" hole. When running back in the hole, the hole had to be washed back from 1192 feet to 1330 feet because of fill. Drilling proceeded to 1360 feet. 600 bbls of high viscosity mud weighted to 9.0 ppg were pumped into the hole. A wiper trip was run to 600 ft. No fill was encountered. A further 600 bbls of high viscosity mud weighted to 9.1 ppg were displaced into the hole prior to pulling out to run casing. 20" casing was run and cemented at 1319 feet.