

AMOCO AUSTRALIA PETROLEUM COMPANY
PELICAN NO. 5

450342

CONCLUSIONS AND RECOMMENDATIONS

Solids Control

The closed loop mud solids control with its two centrifuges, two mud cleaners, two shakers, desilter and desander worked extremely well, resulting in significantly lower dilution rates than would otherwise be experienced.

The only weak link in the solids control equipment was the Swaco shakers which constantly broke down with electric motor burn-outs and failed bearings. Even when the shakers were running, fine mesh screens could not be run with the circulation rates required for adequate hydraulics. It is suggested that should the Diamond M "Epoch" be used again, that the shakers be replaced with two or three double deck shakers.

Mud Systems

The mud systems used performed well under difficult conditions, particularly in the lower section of the hole. They are to be recommended for drilling any further wells in this area. (See detailed discussions of mud performance under Section 2).