

AMOCO AUSTRALIA PETROLEUM COMPANY  
PELICAN NO. 5

DISCUSSION BY INTERVAL

12<sup>1</sup>/<sub>4</sub>" HOLE INTERVAL (Cont'd)

General (Cont'd)

At 7000 ft (2134 m), the mud weight was reduced to 9.1 ppg and the Yield Point raised to 16 to ensure the hole was being drilled as close to balance as possible and that all cuttings were efficiently removed from the hole.

Drilling continued without any problems. Lime was continually added to ensure that Carbonate contamination would not become a problem.

At 7906 ft (2409.6 m), the riser was displaced with Seawater and the upper package on the BOP's was pulled and repaired. After re-running the upper package and riser the hole was again filled with mud and bottoms-up circulated. There was no fill on bottom and the bottom's up sample showed the mud to be in good condition.

The hole was drilled ahead through Sandstone and Siltstone. The mud volume and properties were maintained by premixing Freshwater, AQUAGEL and Polymers and slowly bleeding this into the active system.

At 9149 ft (2788.5 m), the bit was pulled to enable a core to be cut. There was no drag on the trip out and a core was cut from 9149 - 9212 ft (2788.5 - 2807.7 m). A new bit was run in to ream the cored rat-hole, but struck a tight spot at 6389 ft (1947.3 m) and the hole had to be reamed from 6389 - 9149 ft (1947.3 - 2788.5 m). While reaming, the mud weight was raised to 9.5 ppg. After reaming back to the bottom of the cored section, a 50 bbl High-Vis Pill was circulated. This, however, showed no increase in cuttings removal.

Further cores were cut at 9395 - 9454 ft (2863.5 - 2881.4 m) and 9454 - 9502 ft (2881.4 - 2896.1 m). When the bit was run in to ream the cored sections, tight hole was experienced and it was necessary to ream the hole from 7489 - 9502 ft (2282.5 - 2896.1 m). While reaming, the mud weight was increased from 9.5 ppg to 9.7 ppg.