

AMOCO AUSTRALIA PETROLEUM COMPANY  
PELICAN NO. 5

DISCUSSION BY INTERVAL

6" HOLE INTERVAL (Cont'd)

General (Cont'd)

At 14,000 ft (4267 m), electric logging was begun. However, after registering a bottom hole temperature of 348°F on the initial run, a wiper trip was made to cool the hole. Bottom's up after this trip yielded 1330 units of gas. Electric logging continued and the estimated static bottom-hole temperature was 350° - 360°F. Electric logging was successfully completed and cement plugs were set. A 5" liner was then run and set at 13337 ft (4064.9 m)

Solids Control Equipment

Due to the use of a weighted system, the solid control equipment could only be sparingly used, otherwise the excessive removal of Barite would have become a problem. The shaker screens were changed to 100 mesh, and by the occasional use of the mud cleaners with 200 mesh screens accompanied with dilution, the drill solids content was maintained between 35 - 45 ppb and was never a problem.

Mud Properties

The mud for the section was that salvaged from the 8<sup>1</sup>/<sub>2</sub>" hole section. CO<sub>2</sub> contamination was an ongoing problem and Lime and Caustic additions were maintained at a sufficient level to combat this problem.

During this section the mud weight was raised from 15.0 - 15.8 ppg due to the continued rise in connection and background gases. Wireline data indicated a pore pressure of 15.6 ppg at T.D.