



**EXPLORATION
LOGGING
OF AUSTRALIA INC.**

The liability of members is limited
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GEOLOGICAL-ENGINEERING REPORT No.6

11th Oct - 17th Oct 1985

Tilana No.1 / AMOCO AUSTRALIA

10059 - 10998ft

EXLOG UNIT 216 / DIAMOND M "EPOCH"

3066 - 3352m

Report by : G.Hodge, D.New

OPERATION SUMMARY

NB#16 drilled to 3311.7m where bottoms up were circulated, a survey dropped ($\theta.75$ deg) and the bit pulled due to high bit hours. Negative flow checks were made at 3068.5m, 3081m, 3165m, 3176m, 3210m and 3221m. Bottoms up were circulated at 3178m with no shows. At 3216m returns were circulated for 20 min and a survey dropped (dev = $\theta.75$ deg.). Minor drag of 20klbs was recorded from stand 34 (bit depth 2340m) on the trip out.

NB#17 was run in and tight sections at 2300 - 2315m, 2577 - 2590m, 2798 - 2813m, 2836 - 2859m, 2865 - 2877m, 2877 - 2880m and 2895 - 2914m had to be reamed. The drill-string was stuck at 2743m and in the interval 2865 - 2877m. The mud density was increased to 9.5ppg while working the stuck pipe at 2865 - 2877m. Several high viscosity and high density mud slugs were pumped to clean the hole. No significant increase in cuttings was associated with these pills. After freeing the pipe the trip in continued to 3288m with the section 3288 - 3311.7m being reamed prior to drilling ahead. The trip gas was 40u. At 3352m a wiper trip was made, which gave drag to 90klb at approximately 2550 - 2520m. The tight spot was reamed.

The rig operation at 2400hrs 17th October 1985 was completing the wiper trip.