



**EXPLORATION
LOGGING
OF AUSTRALIA INC.**

The liability of members is limited
Inc. in Nevada, U.S.A.

43 Planet St.
Carlisle
West Australia 6101

Phone: (09) 361 4437, 361 4963
Telex: AA 92372

GEOLOGICAL-ENGINEERING REPORT No.5

5th - 11th Oct 1985

Tilana No.1 / AMOCO AUSTRALIA

9149 ft - 10059 ft

EXLOG UNIT 216 / DIAMOND M "EPOCH"

2788 m - 3066 m

Report by : G.Hodge, J.Strautins

OPERATION SUMMARY

The trip out with NB#14 was completed trouble-free.

RRB#8.1, a D/B CD 502 8.5" core bit, was run in and cut Core No.2 from 2788m - 2807m (9149 ft - 9210 ft). Recovery of 18.7m (61 ft) was 100%.

NB#15, a SMITH F2 12.25", was run in and drilled the core rat-hole in 2.3 hrs, and produced trip gas of 19 units. Flow checks following drill breaks all proved negative. Returns were circulated at 2964m (9723'), 2988m (9805'), 3015m (9892'), 3041m (9977') and finally at Total Depth of 3066m (10059'). No significant hydrocarbons were detected from these breaks. A multi-shot survey was run on the trip out. Only minor over-pull (maximum 10 klbs) was noted.

The following Wireline-Logs were run: ISF-DDBHC-MSFL-GR-SP
LDL-CNL-GR
HDT
WST
CST

A trip was made prior to completing logging to condition the hole and re-run the multishot survey. The trip gas was 34u.

A decision was made to extend the Total Depth and continue drilling. The BOP's and surface equipment were tested to Amoco specifications.

Current operation at 2400hrs 11-10-85: RIH with NB#16 SMITH F2 12.25".