



**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.11

15th Nov - 21st Nov 1985

Tilana No.1 / AMOCO AUSTRALIA

10420' (P.B.)

EXLOG UNIT 216 / DIAMOND M "EPOCH"

3176m (P.B.)

Report by : T.Foong

OPERATION SUMMARY

When completed reverse circulating the casing contents after DST#3, the test tool was POOH and laid down. A EZSV plug was run in with wireline and set at 3175.9m (10420'). Open ended pipes were run in and a 100 sx. of class G. cement was squeezed at 20 bbl/min decreasing to 0.25 bbl/min at 5000 psi. The tubing contents was reverse circulated out and the string POOH. A bit run with a casing scrapper was RIH and dressed cement at 3168.5m (10396'). Bottom ups was circulated and mud conditioned prior POOH.

The test tools were made up and run in for DST No.4 with packer set at 3001.5m (9848'). Otis gauge rings were run in without problem but the Schlumberger's perforating gun got stuck and was broken while attempting to free tool. POOH with wireline and Otis fishing tool was run in to fish for perforating gun without success. The test string was then pulled. Haliburton tools and all rabbit collars were dressed and cleaned.

The test tools were again make up and run in for DST No.4. Packer was set at 301.5m (9848'). After perforation at interval 3071m (10075') - 3075m (10088') The well was opened initially with a very weak, intermittant bubbles at the which ceased rapidly. It was decided then to perforate the next zone at interval 3042m - 3048m (9980'-10000') but the tool was unable to get below 2950m. The tool was POOH and dressed for a second attempt. After perforation, the well was opened with no flow. Run in with Otis HP CCL HB and samples were recovered from interval 3071m-3075m (see below for test result). Otis CCL HP was run in for more pressure readings. Otis tools were then rig down and the drillstring contents reversed circulated and the string POOH. Maximum gas recorded while circulating was 5.26%; also 6% of Co2 was recorded. After a squeeze job was done over the two perforated zones, open ended drillpipes were run in and the well plugged and abandoned on the 21st November 1985.