



**EXPLORATION  
LOGGING  
OF AUSTRALIA INC.**

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GEOLOGICAL-ENGINEERING REPORT No.9

31st Oct - 7th Nov 1985

Tilana No.1 / AMOCO AUSTRALIA

12796ft - 10865' (P.B.)

EXLOG UNIT 216 / DIAMOND M "EPOCH"

3900.3m - 3311.6m (P.B.)

Report by : T.Foong , D. New

OPERATION SUMMARY

After circulating a high vis pill further attempts were made to get back to bottom with the interval 3867m - 3900.2m (12785' - 12796') being extensively reamed. It then became impossible to rotate on bottom and the sting was stuck for 2.5hrs and had to be jared free. The mud was further treated with the weight being increased and kwik seal and gilsonite being added. It was then decided to plug back and the bit pulled.

RIH open ended to 3878m (12723') and set first cement plug. POOH to 3554.6m, circulate bottoms up, with no visible cement returns, and set the second cement plug. POOH, laying down excess drillpipe. RIH with RRB#26, a SMITH F2 and dress cement from 3261m (10699') to 3315m (10875'), circulate, and POOH.

268 joints of N-80, 47lb/ft, 9.625' casing were then run and cemented with the shoe at 3311.6m (10865'). The BOP's were sucessfully tested as per Amoco's requirements, the 8.5" collars laid down and a SMITH JD3 8.5" run with a casing scraper. The casing scraper was worked from 2990m - 3185m (9810' - 10450'), bottoms up circulated and the casing displaced with seawater. The mud pits were dumped and a completion fluid mixed and used to displace the seawater in the casing. After POOF a wireline CBL was run indicating a good to fair bond over the interval 2585m - 2885m (8481' - 9465') and a poor bond over the interval 2885m - 3241m (9465' - 10633')

The test tools were made up for DST No.1 and run in the hole but when pressure tested the drillstring it was found to be leaking and the string was pulled, pressure testing every 10 stands. A washout was found on the 29th stand out and the damaged drill pipe replaced.

Current operation as at 24:00 hrs 7/11/85 is RIH for DST No.1.