



# GEMDAS LOGGING REPORT NO. 38

COMPANY AMOCO Aust. WELL Tilana No.1  
 DATE 17 Oct '85 TIME 0500 HRS  
 DEPTH 3311.7m; 10865' LAST REPORT DEPTH 3311.7m; 10865'  
 RIG OPERATIONS Reaming hole over interval 2902-2908m.  
 REPORT BY Gary Hodge REPORT RECEIVED BY S. Maxwell (OPERATOR)

## DRILLING REPORT

Bit No.: 17 Type: Smith F2 Size: 12.25' Jets: 3x14  
 On Bit: Footage: - Hours: Reaming ROP: \_\_\_\_\_ WOB: \_\_\_\_\_ RPM: \_\_\_\_\_  
 Pump Press: \_\_\_\_\_ SPM: \_\_\_\_\_ Torque: \_\_\_\_\_ TBR: \_\_\_\_\_ CP I: \$ \_\_\_\_\_ CP B: \$ \_\_\_\_\_

## HYDRAULICS REPORT

Mud Density In: 9.5ppg Mud Density Out: \_\_\_\_\_ ECD: \_\_\_\_\_ PV/YP: \_\_\_\_\_  
 Gels: \_\_\_\_\_ Salinity: \_\_\_\_\_ PPM Cl Solids: \_\_\_\_\_ %  
 Hole Volume: \_\_\_\_\_ Annular Volume: \_\_\_\_\_ Tubing Volume: \_\_\_\_\_ Displaced Volume: \_\_\_\_\_  
 Carbide Lag—Calculated Lag: 760 strokes at 3159m Flowrate: \_\_\_\_\_  
 Drillpipe Annular Vel (Max. Dia. Sec.): \_\_\_\_\_ Drillpipe Annular Vel (Open Hole): \_\_\_\_\_  
 Drill Collar Annular Vel (Open Hole): \_\_\_\_\_ Critical Vel: \_\_\_\_\_  
 Pressure Loss System: \_\_\_\_\_ Pressure Loss Bit: \_\_\_\_\_ % Pressure Loss: \_\_\_\_\_  
 Nozzel Vel: \_\_\_\_\_ Jet Impact Force: \_\_\_\_\_ HHP: \_\_\_\_\_

## PRESSURE PARAMETERS

Drilling Exponent: No hole drilled Flowline Temperature: \_\_\_\_\_  
 Shale Density: \_\_\_\_\_ Shale Factor: \_\_\_\_\_  
 Background Gas: \_\_\_\_\_ Max. Formation Gas: \_\_\_\_\_ @ \_\_\_\_\_ Trip Gas: - @ \_\_\_\_\_  
 Other Gas: Gas while reaming: <5v  
 Fill: \_\_\_\_\_ Tight Hole: stuck at 2743m, 2865-2877m, 2902-2908m.  
 Cavings: Est %: \_\_\_\_\_ Average Size: \_\_\_\_\_

## ESTIMATED PORE AND FRACTURE PRESSURE

Kick Tolerance: \_\_\_\_\_ Min. Estimated Fracture Pressure (Open Hole): \_\_\_\_\_  
 Estimated Pore Pressure: \_\_\_\_\_ Min. Estimated Pore Pressure (Open Hole): \_\_\_\_\_ @ \_\_\_\_\_  
 Max. Estimated Pore Pressure (Open Hole): \_\_\_\_\_ @ \_\_\_\_\_ Estimated Fracture Pressure at TD: \_\_\_\_\_

Comments: Ream sections: 2577-2590m, stuck at 2743m, 2798-2813m, 2836-2859m, 2865-2877m, 2877-2880m, 2902-2908m  
Pipe stuck at 2743m, 2865-2877m, 2902-2908m.  
Mud density increased to 9.5ppg at 2877m;  
Pump hi-vis, hi-wt mud slugs.  
Continue reaming hole over interval 2902-2908m;  
Lag - Carbide: 12290stk - Calculated 11570 stks.