

GEMDAS LOGGING REPORT NO. 52

COMPANY AMOCO AUST. WELL Tilana No.1  
 DATE 2 Nov. 1985 TIME 0500 Hrs  
 DEPTH 3900.3m - 12796ft LAST REPORT DEPTH 3900.3m - 12796m  
 RIG OPERATIONS Pumping cement plugs.  
 REPORT BY Gary Hodge REPORT RECEIVED BY S. Maxwell (OPERATOR)  
SIGNED

## DRILLING REPORT

Bit No.: 21 Type: Smith SVH Size: 12.25" Jets: 15,15,15.  
 On Bit: Footage: \_\_\_\_\_ Hours: \_\_\_\_\_ ROP: \_\_\_\_\_ WOB: \_\_\_\_\_ RPM: \_\_\_\_\_  
 Pump Press: \_\_\_\_\_ SPM: \_\_\_\_\_ Torque: \_\_\_\_\_ TBR: \_\_\_\_\_ CP I: \$ \_\_\_\_\_ CP B: \$ \_\_\_\_\_

## HYDRAULICS REPORT

Mud Density In: \_\_\_\_\_ Mud Density Out: \_\_\_\_\_ ECD: \_\_\_\_\_ PV/YP: \_\_\_\_\_  
 Gels: \_\_\_\_\_ Salinity: \_\_\_\_\_ PPM Cl Solids: \_\_\_\_\_ %  
 Hole Volume: \_\_\_\_\_ Annular Volume: \_\_\_\_\_ Tubing Volume: \_\_\_\_\_ Displaced Volume: \_\_\_\_\_  
 Carbide Lag—Calculated Lag: \_\_\_\_\_ 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: \_\_\_\_\_ Flowline Temperature: \_\_\_\_\_  
 Shale Density: \_\_\_\_\_ Shale Factor: \_\_\_\_\_  
 Background Gas: \_\_\_\_\_ Max. Formation Gas: \_\_\_\_\_ @ \_\_\_\_\_ Trip Gas: 35v @ 3900m  
 Other Gas: \_\_\_\_\_  
 Fill: \_\_\_\_\_ Tight Hole: To 100 k/lbs during reaming & circulating.  
 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: Circulate a ream near 3900m; drag to 100 k/lbs, put up to 200 k/lbs onto drill string.  
Pull out of hole after circulating hi-vis mud pills; 35 k/lb drag on first stand - clean after this.  
Run in open-ended drill pipe - circulate bottoms up, 35v trip gas, pump cement plugs.