



GEMDAS LOGGING REPORT NO. 9.

COMPANY AMOCO AUSTRALIA WELL TILANA-1
 DATE 18th SEPT '85 TIME 0500hrs
 DEPTH 1661.7m (5452') LAST REPORT DEPTH 1661.7m (5452')
 RIG OPERATIONS RIH w/ 13 3/8" CASING
 REPORT BY J. STRAUTINS REPORT RECEIVED BY J. GOLLORY (OPERATOR)
SIGNED

DRILLING REPORT

Bit No.: _____ Type: _____ Size: _____ Jets: _____
 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: 380 @ 5452'
 Other Gas: _____
 Fill: 5ft @ 5452' Tight Hole: 20klb drag 4983-5076'
 Cavings: Est %: _____ Average Size: _____

ESTIMATED PORE AND FRACTURE PRESSURE

Kick Tolerance: _____ Min. Estimated Fracture Pressure (Open Hole): 15.3 ppq @ shoe
 Estimated Pore Pressure: 8.7 ppq Min. Estimated Pore Pressure (Open Hole): 8.7 ppq @ shoe
 Max. Estimated Pore Pressure (Open Hole): 8.7 ppq @ _____ Estimated Fracture Pressure at TD: 19.5 ppq

Comments: RIH NBS TO ENSURE HOLE CLEAN. NO TIGHT HOLE ON TRIP
IN. CIRCULATE RETURNS & 2 HI-VIS GEL PILLS. ATTEMPT TO DETERMINE
LAG TIME - INCONCLUSIVE. ASSUME > 22" AVG. HOLE. POOH. DRAG OF
20klb (MAX) ON 5th STD ONLY.
RIH w/ 13 3/8" CSG - FILL EVERY 5th JOINT.