



GEMDAS LOGGING REPORT NO. 6

COMPANY AMOCO AUST. WELL TILANA-1
 DATE 15th SEPT '85 TIME 0500 hrs
 DEPTH 1661.7m (5452') LAST REPORT DEPTH 1661.7m (5452')
 RIG OPERATIONS OPENING PILOT HOLE TO 17 1/2" AT 918.9m (3015')
 REPORT BY JURIS STRAUTINS REPORT RECEIVED BY J. Svitlary (OPERATOR)

DRILLING REPORT

Bit No.: NB 5 Type: SMITH SDSH Size: 17 1/2" Jets: 3x16, 11.
 On Bit: Footage: 1643' Hours: 4 hrs. ROP: ≈ 400 ft/hr. WOB: 2-10 RPM: 120
 Pump Press: 2030 psi SPM: 150 Torque: 1-2 kftlb TBR: 28,000 CP I: \$ - CP B: \$ -

HYDRAULICS REPORT

Mud Density In: 9.2 Mud Density Out: 9.2 ECD: 9.3 PV/YP: 10/16
 Gels: 5/20 Salinity: 8,000 PPM Cl Solids: 6 %
 Hole Volume: 944 bbl Annular Volume: 853 bbl Tubing Volume: 45 bbl Displaced Volume: 46 bbl
 Carbide Lag—Calculated Lag: N/A. Flowrate: 744 gpm
 Drillpipe Annular Vel (Max. Dia. Sec.): 56 ft/min Drillpipe Annular Vel (Open Hole): 65 ft/min
 Drill Collar Annular Vel (Open Hole): 84 ft/min Critical Vel: 281 ft/min
 Pressure Loss System: 1364 psi Pressure Loss Bit: 666 psi % Pressure Loss: 33 %
 Nozzel Vel: 285 ft/sec. Jet Impact Force: 1009 lbs HHP: 289 hp.

PRESSURE PARAMETERS

Drilling Exponent: - Flowline Temperature: 36°C
 Shale Density: - Shale Factor: -
 Background Gas: 1-20 Max. Formation Gas: - @ - Trip Gas: - @ -
 Other Gas: -
 Fill: - Tight Hole: -
 Cavings: Est %: - Average Size: -

ESTIMATED PORE AND FRACTURE PRESSURE

Kick Tolerance: 1.5 / 10.7 Min. Estimated Fracture Pressure (Open Hole): 15.3 ppge shoe
 Estimated Pore Pressure: 8.7 ppge Min. Estimated Pore Pressure (Open Hole): 8.7 ppge @ "
 Max. Estimated Pore Pressure (Open Hole): 8.7 ppge @ TD Estimated Fracture Pressure at TD: 19.5 ppge

Comments:

RUN E-LOGS.
POH & LAY OUT DRILL-PIPE.
RIH w/ NB 5 TO OPEN 17 1/2" HOLE TO 17 1/2".
OPEN HOLE 1372'-3015'.