



GEMDAS LOGGING REPORT NO. 10

COMPANY AMOCO AUSTRALIA. WELL TILANA - 1
 DATE 19th SEPT '85 TIME 0500hrs.
 DEPTH 1661.7m (5452') LAST REPORT DEPTH 1661.7m (5452')
 RIG OPERATIONS DRILLING CEMENT IN CASING.
 REPORT BY J. STRAUTINS REPORT RECEIVED BY J. GUILLORY (OPERATOR)
SIGNED

DRILLING REPORT

Bit No.: NB 6 Type: SMITH SDGH Size: 12 1/4" Jets: OPEN.
 On Bit: Footage: 2013' CMT Hours: 5.3 ROP: _____ WOB: 5-20klb RPM: 40
 Pump Press: 1220psi SPM: 155 Torque: 1.3 kft/lbs TBR: 11400 CP I: \$ - CP B: \$ -

HYDRAULICS REPORT

Mud Density In: 8.7 ppg Mud Density Out: 8.7 ppg ECD: _____ PV/YP: _____
 Gels: _____ Salinity: _____ PPM Cl Solids: _____ %
 Hole Volume: _____ Annular Volume: _____ Tubing Volume: _____ Displaced Volume: _____
 Carbide Lag—Calculated Lag: _____ Flowrate: 768 gpm
 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: _____ @ _____
 Other Gas: _____
 Fill: _____ Tight Hole: _____
 Cavings: Est %: _____ Average Size: _____

ESTIMATED PORE AND FRACTURE PRESSURE

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

Comments: LAND 13 3/8" CASINGS @ 1651.3m (5418'), CIRCULATE ANNULAR VOLUME. PERFORM FCCT. 380 psi GIVES 11.2 PPG EMW. PUMP CMT. DISPLACE CMT W/ RIS PUMPS. ACTIVE PITS START 440 bbls / END 370 bbls (SOME DUMPED). NO LOSSES. ONLY PUMPED 2024 STKS (THEOR 6400 STKS) PLUS BUMPED @ 2400 psi. RIH NB 6 TO 2017' (614.8m). WASH F/ 2017'-2097' (639m). DRILL CMT F/ 2097'-4110' WITH SEAWATER ONLY (DUMPING RETURNS).