



GEMDAS LOGGING REPORT NO. 14

COMPANY AMOCO AUST. WELL TILAND No 1
 DATE 23/9/85. TIME 05:00
 DEPTH 5461' (1664.5m) LAST REPORT DEPTH 5312' (1619.1m)
 RIG OPERATIONS MAKE UP CORE BARREL
 REPORT BY D. NEW REPORT RECEIVED BY J. GULLORY. (OPERATOR)
SIGNED

DRILLING REPORT

Bit No.: RR13#7 Type: SMITH SDT Size: 12 1/4 Jets: OPEN
 On Bit: Footage: 8' Hours: 0.1 ROP: ~100 FT/HR WOB: 20 RPM: 75
 Pump Press: 1800 psi 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: _____ @ _____
 Other Gas: _____
 Fill: _____ Tight Hole: _____
 Cavings: Est %: _____ Average Size: _____

ESTIMATED PORE AND FRACTURE PRESSURE

Kick Tolerance: _____ Min. Estimated Fracture Pressure (Open Hole): 14.6 ppg
 Estimated Pore Pressure: 8.7 ppg Min. Estimated Pore Pressure (Open Hole): _____ @ _____
 Max. Estimated Pore Pressure (Open Hole): _____ @ _____ Estimated Fracture Pressure at TD: 14.6 ppg

Comments: DRILL OUT EZSU PLUG AND CEMENT TO 5422' CIRC
BOTTOMS UP AND RUN LEAK OFF TEST ON CASING AND CEMENT
(14.3 ppg) DRILL AHEAD TO 5460' (1664.2m), CIRCULATE RETURNS
AND RUN SECOND LEAK OFF TEST (14.6 ppg) POOL AND RIN
WITH REVERSE CIRCULATING JUNK BASKET TO FISH FOR
JUNK LEFT FROM PLUG "DRILL" 1FT TO 5461' POOL
MAKE UP CORE BARREL.