



GEMDAS LOGGING REPORT NO. 26

COMPANY AMOCO AUST. WELL TILANA No1
 DATE 5/10/85. TIME 04:00
 DEPTH 2788.6m (9149ft) LAST REPORT DEPTH 2717m (8914')
 RIG OPERATIONS RIM TO TO CUT CORE No2.
 REPORT BY D. NEW REPORT RECEIVED BY J. GULLORY (OPERATOR)
SIGNED

DRILLING REPORT

Bit No.: CBH2 Type: D.B. CZ502 Size: 8 1/2 Jets: 3x19 EQUIVALENTS
 On Bit: Footage: - Hours: - ROP: - WOB: - RPM: -
 Pump Press: - SPM: - Torque: - TBR: - CP I: \$ - CP B: \$ -

HYDRAULICS REPORT (BASED ON PARAMETERS FROM CORE No1.)

Mud Density In: 9.3 Mud Density Out: 9.3+ ECD: 9.4 PV/YP: 24/14
 Gels: - Salinity: - PPM Cl Solids: - %
 Hole Volume: 1480 Annular Volume: 1233 Tubing Volume: 153 Displaced Volume: 94
 Carbide Lag—Calculated Lag: 626 SHS (74 BBL) Flowrate: 250 GPM.
 Drillpipe Annular Vel (Max. Dia. Sec.): 49 FT/MIN Drillpipe Annular Vel (Open Hole): 49.2 FT/MIN
 Drill Collar Annular Vel (Open Hole): 71 FT/MIN Critical Vel: 334 FT/MIN
 Pressure Loss System: 325 Pressure Loss Bit: 78 PSI % Pressure Loss: 19
 Nozzel Vel: 96.6 FT/SEC Jet Impact Force: 117 LBS HHP: 11.3

PRESSURE PARAMETERS

Drilling Exponent: 1.1 - 1.95 1.6 AVG. Flowline Temperature: 52°C MAX.
 Shale Density: - Shale Factor: 2-4
 Background Gas: 14 (0.02%) Max. Formation Gas: 264 @ 2735m Trip Gas: - @ -
 Other Gas: NIL (0.139%) 8973'
 Fill: NIL Tight Hole: UP TO 10HLS BETWEEN 2312m AND 2255m.
 Cavings: Est %: MINOR (410%) Average Size: SMALL BLOCKY.

ESTIMATED PORE AND FRACTURE PRESSURE

Kick Tolerance: 3.15 ppg. Min. Estimated Fracture Pressure (Open Hole): 13 ppg
 Estimated Pore Pressure: 8.7 Min. Estimated Pore Pressure (Open Hole): 8.7 @ 5MOB
 Max. Estimated Pore Pressure (Open Hole): 8.7 @ T.D Estimated Fracture Pressure at TD: 13.2 CS(S)

Comments: DRILLING BREAK AT 2776.5m (9109m) DRILL TO 2783.5m
(9132FT) MAX ROP 34.9 MIHR (114 FT/HR) FC AND CIRCULATE RETURNS
AT 2783.5m (9132FT) DRILL AHEAD TO 2788.6m (9149')
CIRCULATE RETURNS DROP SCRUBB AND POON TO CUT CORE
No2. MAKE UP CORE BARREL AND RIM.
SURFACE HP = 59 HP BIT / SQ IN = 0.2
NBH14 - 729FT (222m) IN 40 SHRS AVG ROP = 18 FT/HR 5.5m/hr
LITMOLOG CLAYSTONE/SILTSTONE WITH SANDSTONE
AND COAL.