

GEMDAS LOGGING REPORT NO. 71

COMPANY AMOCO AUST WELL TILANA No 1.  
 DATE 21ST NOV 1985 TIME 05200  
 DEPTH 3176 P.B. LAST REPORT DEPTH \_\_\_\_\_  
 RIG OPERATIONS Run wireline to set EZSV  
 REPORT BY T. FOONG REPORT RECEIVED BY J. GULLCORY. (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: \_\_\_\_\_  
 Nozzle Vel: \_\_\_\_\_ Jet Impact Force: \_\_\_\_\_ HHP: \_\_\_\_\_

## PRESSURE PARAMETERS

Drilling Exponent: \_\_\_\_\_ Flowline Temperature: \_\_\_\_\_  
 Mud 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: \_\_\_\_\_ Min. Estimated Pore Pressure (Open Hole): \_\_\_\_\_ @ \_\_\_\_\_  
 Max. Estimated Pore Pressure (Open Hole): \_\_\_\_\_ @ \_\_\_\_\_ Estimated Fracture Pressure at TD: \_\_\_\_\_

Comments: Recovered sample from OTIS tool - HP CLL HB. at interval  
(3071 - 3075 m). gas sample + Dissolve gas from mud sample  
analyse as:  $C_1 = 99 \text{ ppm}$   $C_1 = 109 \text{ ppm}$   
 $C_2 = 15 \text{ ppm}$   $C_2 = 15 \text{ ppm}$   
 $C_3 = 8 \text{ ppm.}$

Rerun OTIS tool for more pressure readings. Reverse circulate.  
Max gas = 5.26%. CO<sub>2</sub> = 6%. Break down OTIS, PCDH.

Run wireline to set EZSV for squeeze job

\*Sample obtained not enough for H<sub>2</sub>S + CO<sub>2</sub> analysis.