

# FORMATION EVALUATION LOG

DEPT. NAT. RES. & ENV.



PE605062

| RATE OF PENETRATION<br>METRE/HR<br>VISUAL POROSITY | DEPTH | CUTTINGS LITHOLOGY | HYDROCARBON ANALYSIS                 |   | LITHOLOGY DESCRIPTION AND REMARKS   |
|--|-------|--------------------|--------------------------------------|---|---|
|  |       |                    | CONTINUOUS TOTAL GAS<br>CUTTINGS GAS | CHROMATOGRAPH<br>METHANE 1 BUTANES N4<br>ETHANE 2 PENTANES 5<br>PROPANE 3 |   |
| 100 50 30 20 10                                    | 100   | MMMMMMMMMM         | 0.4 0.8 1.2 1.6 2                    | 0.01 0.1 1.0 10   | MARB, FROM 256M, MED-DARK GREY GREEN, VERY SOFT, VERY DISPERSIVE, STICKY, ABUND DARK GREEN GLAUCONITE, ABUND FOSSILS AS ABOVE, MINOR CALCARENITIC INTER BEDS AS ABOVE, GOOD TRACE VERY FINE-VERY COARSE ROUNDED FROSTED QUARTZ SAND GRAINS. |
| 120 M/HR   | 200   | MMMMMMMMMM         |                                      |   |   |
|  | 300   | MMMMMMMMMM         |                                      |   | W 8.7, V 35, PV 6, YP 11, GEL 5/6, F N/C, SOL 3%, FC -, SD 0.5, PH 10.8, CL 500.  |
|  |       | MMMMMMMMMM         |                                      |   | MARB, FROM 324M, MED-DARK BROWN, VERY SOFT, STICKY, DISPERSIVE, COMMON FOSSIL FRAGMENTS AS ABOVE, RARE GLAUCONITE, TRACE PYRITE, COMMON MED-COARSE FROSTED CLEAR-OFF WHITE SUBROUND-ROUNDED QUARTZ SAND GRAINS DISPERSED WITHIN THE MARL    |