




**WELL**        **NO.**         
**COMPANY** SHELL OIL **(AUST.)**  
**COUNTY** GIPPSLAND **BASIN**  
**STATE** VICTORIA

$$\text{"d"} = \frac{\text{Log} \left[ \frac{R}{60N} \right]}{\text{Log} \left[ \frac{12W}{10^6 D} \right]}$$

$$K_r = \frac{R \times 10^9}{W/D \times N}$$

**R : PENETRATION RATE**    **FT/HR**  
**N : ROTARY SPEED**        **RPM**  
**W : WEIGHT ON BIT**        **LBS**  
**D : DIAMETER OF BIT**      **INCHES**

