



BAROID
WELL INFORMATION SYSTEMS & ENGINEERING

MARLIN NO. 4
ESSO AUSTRALIA LTD.
GIPPSLAND BASIN, VICTORIA

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

R = PENETRATION RATE, FT/HR
N = ROTARY SPEED, RPM
W = WEIGHT ON BIT, LBS
D = BIT DIAMETER, INCHES

