

RESERVOIR DESCRIPTION: A SYNERGISTIC APPROACH TO MORE ACCURATE DETERMINATION OF OIL AND GAS RESERVES

D. G. BOWEN, T. KENNAIRD & J. HILL
CORE LABORATORIES MALAYSIA/SINGAPORE

Many Oil and Gas producing companies in Asia are discovering that their major fields have significantly more recoverable reserves and oil in-place, than originally estimated.

Inadequate Reservoir Description by traditional methods has been identified as a major contribution to this phenomena.

Presented here is a selection of possible causal factors, chosen from case histories in the area, and, a practical, systematic approach to the evaluation of data normally acquired at different scales of measurement. This data includes :- Processed Seismic data, Well Test data, Well Log data and Core Derived data.

Particular emphasis is placed upon the synergy between these parameters in their application to Reservoir Description, and the role of core data is emphasized.