EARLY TIME
WELL and NEAR-WELL

MIDDLE TIME
RESERVOIR

LATE TIME
BOUNDARY

MAXIMUM
DAMAGED WELL with WELLBORE STORAGE

STABILIZATION
SEMILOG RADIAL FLOW

MINIMUM
HETEROGENEOUS BEHAVIOR

UPWARD
SEMIFINITE SYSTEM

NO MAXIMUM
STIMULATED WELL

DOWNWARD
CLOSED SYSTEM or CONSTANT PRESSURE BOUNDARY

LOG of PRESSURE DERIVATIVE

LOG of ELAPSED TIME