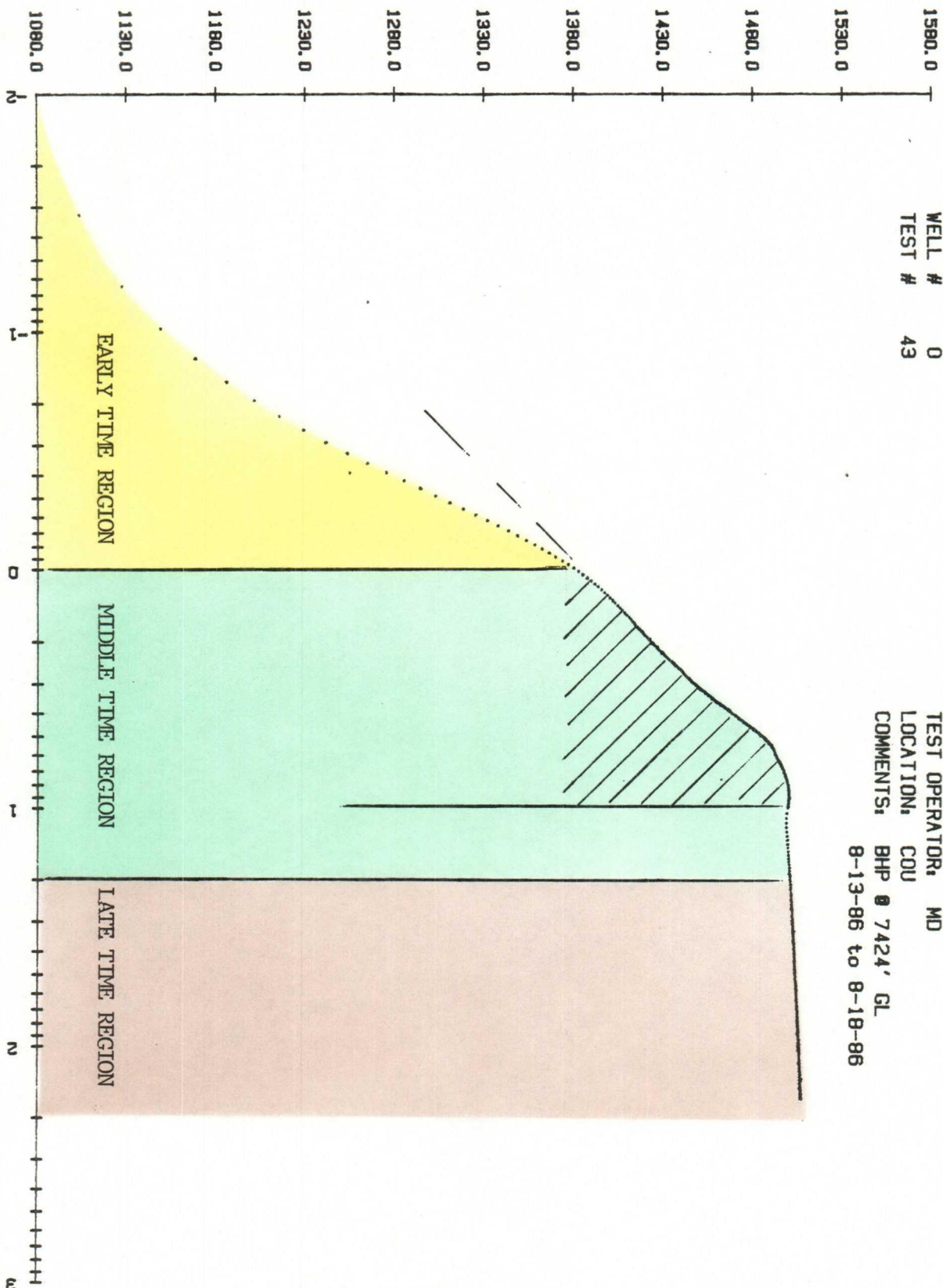


DATE, 8/11/86
 START TIME, 18/29/52
 GAUGE #69160
 WELL # 0
 TEST # 43

COMPANY, BMG
 CLIENT,
 WELL NAME, E6
 TEST OPERATOR, MD
 LOCATION, COU
 COMMENTS, BHP @ 7424' GL
 8-13-86 to 8-18-86

PRESSURE - PSIA



LOG (DELTA T)

*** SEMI-LOG PLOT ***

NOTE REGARDING DETERMINATION OF RESERVOIR TRANSMISSIBILITY
FROM INDIVIDUAL WELL PRESSURE BUILD-UP SURVEYS
FRACTURED MANCOOS FORMATION WITH HIGH TRANSMISSIBILITY
AND FOR A WELL COMPLETED IN (RELATIVELY) "TIGHT BLOCK"

EXAMPLE: CANADA OUITOS UNIT E-6 AUGUST 13-18, 1986
(SEE PLAT ON FACING PAGE)

EARLY TIME REGION

Reservoir characteristics distorted by wellbore storage (afterflow), etc., as noted before.

MIDDLE TIME REGION

1. May be difficult to exclude remaining effects of wellbore storage.
2. May be affected by oil segregating in tubing and draining back to bottom, adding excess pressure (latter part of shaded area).
3. Depth of investigation in first part may be limited to tens of acres.
4. Near well tight block's characteristics dominate - but induced fracture may so affect pressures as to preclude analysis by "conventional" methods, as Horner plots.
5. Latter part of region in this example reflects characteristics of high capacity fracture system, but pressure differences are small. (Sensitive pressure equipment required.)

LATE TIME REGION

Information in this part of test reflects characteristics of reservoir beyond area near wellbore (beyond "tight block").

Problems of Analysis of Late Time Region:

1. Useful pressure range is small compared to survey's total pressure increase. (Sensitive pressure measuring equipment required.)
2. High capacity fracture system characteristics prevail - shape of latter part of build-up curve influenced by boundary conditions; and may be affected by interference from other wells.