

BASIC SHAPES OF PRESSURE BUILD-UP CURVES
ON SHUTTING IN A PRODUCING WELL

Here we note the upward change in slope for a well with matrix porosity laced with fractures.
(Not found in Canada Ojitos Unit wells).

On the following two pages are example curves for a given dual porosity system.

Pressure Forecast

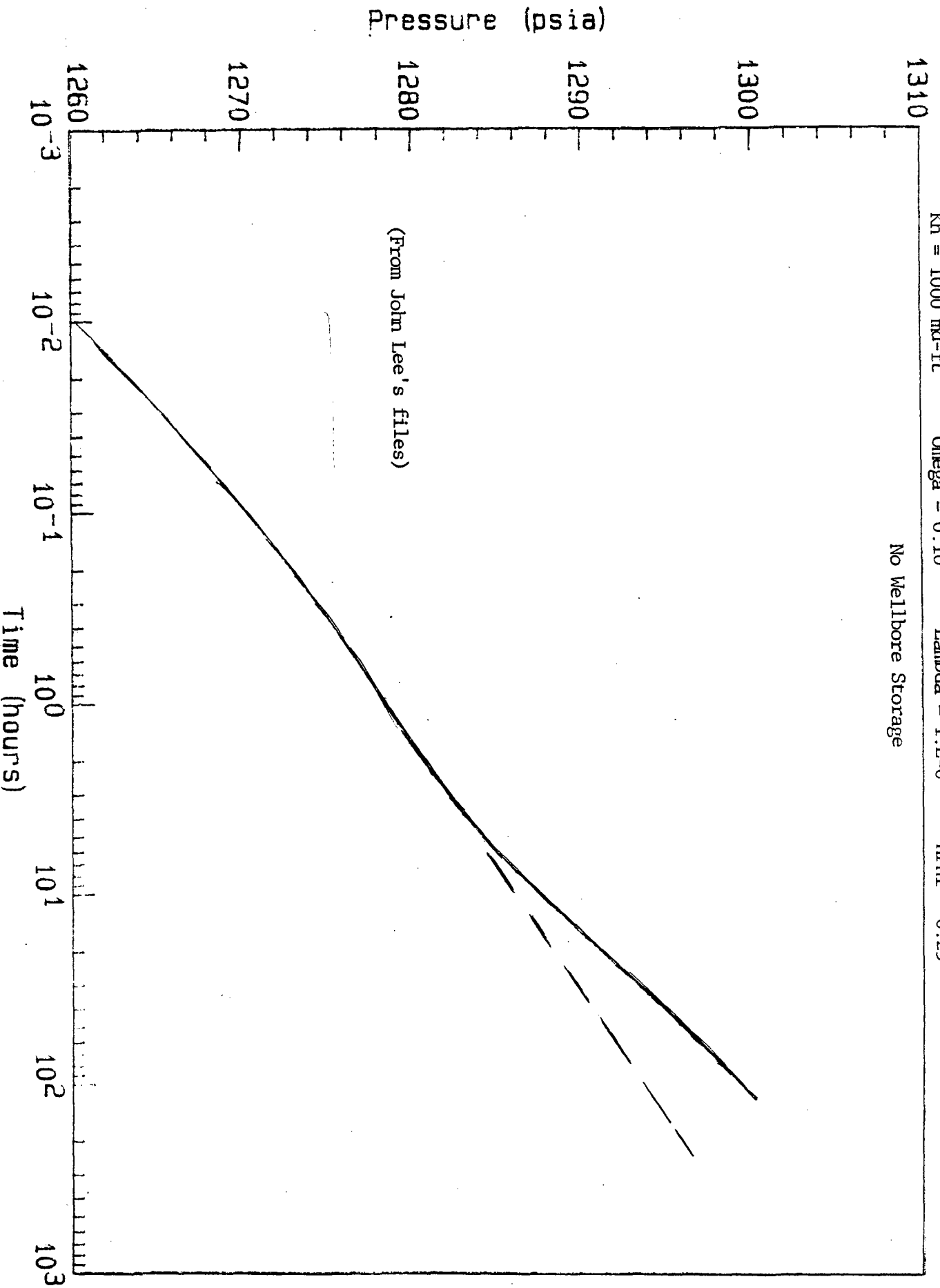
$Kh = 1000$ md-ft

$\Omega = 0.10$

$\Lambda = 1.E-6$

$h_{Phi} = 0.25$

No Wellbore Storage



Simulated Dual Porosity Buildup
 $kh = 1000 \text{ md-ft}$ $\Omega = 0.10$ $\Lambda = 1.E-6$ $h\Phi_i = 0.25$

With Wellbore Storage

