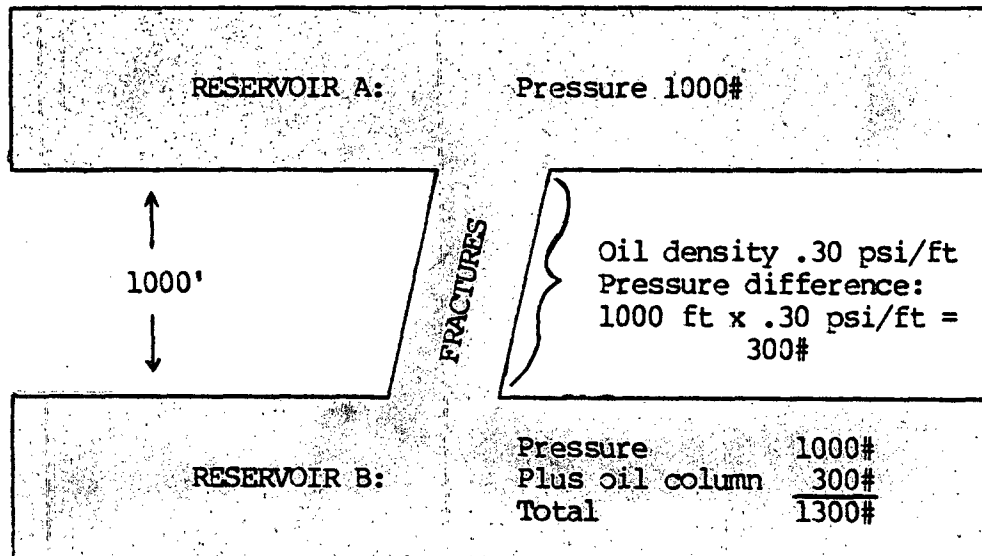


RESERVOIRS SEPARATED VERTICALLY  
BUT WHICH, TAKEN TOGETHER, COMPRISE  
A COMMON SOURCE OF SUPPLY

If two oil reservoirs which are separated vertically are connected (as, for example, through vertical fracturing) such that they form one common source of supply, then the pressure difference between the two of their virgin pressures must necessarily be that fixed by an oil gradient. As such, the pressures of the two reservoirs are "equalized".



If the virgin pressures are significantly different from that given by an oil gradient, taking into account the measurement accuracy of the conditions, this means that the reservoirs are not well enough connected for pressures to equalize over geologic time: consequently they cannot be expected to communicate to a degree measureable over man's (or a pool's) lifetime.

# INITIAL PRESSURES MANCOS FORMATION POOLS EAST SIDE SAN JUAN BASIN

## OIL RESERVOIR DENSITIES

Puerto Chiquito Mancos, East	.3555	PSI / Ft.
Boulder	.3545	"
Puerto Chiquito Mancos, West	.3120	"

