



Fig. 8. Some phase boundaries determined with the squeezer. Each boundary is based on some fifty runs. Some of these results are tentative, subject to refinement, as work is still in progress. The dehydration curves are in all cases smooth extensions of boundaries determined below 2 kb in hydrothermal apparatus.

In our experiments to date, it has been found that any reaction which will go at all will usually go in one or two hours. We have, however, insufficient experience with long-term tests. If shear stress or strain is important in promoting reaction, one would expect that short-term tests would achieve nearly the same result as long-term tests in the squeezer, since there is a relaxation of shear stress with time. This effect will be tested explicitly in our new shearing apparatus.