

(4) Time

The first shot was made at 1.25 p.m. and the last one at 4.05 p.m. All told the survey occupied four hours of rig time.

C. RESULTS

Eleven shots were made at six different levels. Shotholes B and D were used only for the shallowest shot.

The quality of the timebreak trace was variable and in the case of the first shot, so bad that the record was not used. Some rig noise was experienced on the well 'phone traces, for example, shot # 6, but did not effect the breaks. It will be noticed that there is a refraction break on all the records of shots above 5000 feet. Once it was recognised as such, no difficulties were experienced with it.

Copies of all records are included below.

The final checkshot times and the integrated sonic times are considered to be in good agreement as is shown by the error chart, Fig. 1.

D. CONCLUSIONS

The velocity survey was successful in tying the integrated sonic log into absolute time values.