FOREWORD FOR GEOPHYSICAL PART OF FIELD TRIP

R. E. Kropschot

JAMES E. WALKER, Chairman

One of the highlights of this year's SEG program is the innovation of field demonstrations of geophysical instruments, of which most have been recently developed. These field demonstrations are SEG's part of a co-ordinated AAPG-SEG-SEPM field trip. Several geophysical tools will be demonstrated during this field trip commencing with gravity meters and a total intensity magnetometer, available for your inspection, at the assembly point in Hart Park.

The section shown on Plate 3 illustrates gravity, surface magnetometer and airborne magnetometer profiles across the Mitchell-Stenderup fault in the vicinity of the Mountain View oil field.

Relatively brief demonstrations of a Digital Seismic Field System and of a "VIBROSEIS" System will be held for the entire field group at Stop No. 4. The geophysicists and others interested in a closer examination of the equipment or data may remain at this location and rejoin the rest of the group at the lunch stop.

The geophysical field program follows:


5. Technical Description of the DynaSeis System (see geophysical papers)—Matthew Slavin, United Geophysical Corporation.


We would like to take this opportunity to thank the above geophysicists and their respective companies for the time, effort, and expense required for this field program. We also wish to express our appreciation to Mr. P. W. Gester, General Chairman of the entire Convention, Mr. Otto Hackel, Field Trip Chairman, and the AAPG and SEPM members who enthusiastically endorsed SEG's participation in this co-ordinated AAPG-SEG-SEPM field trip.