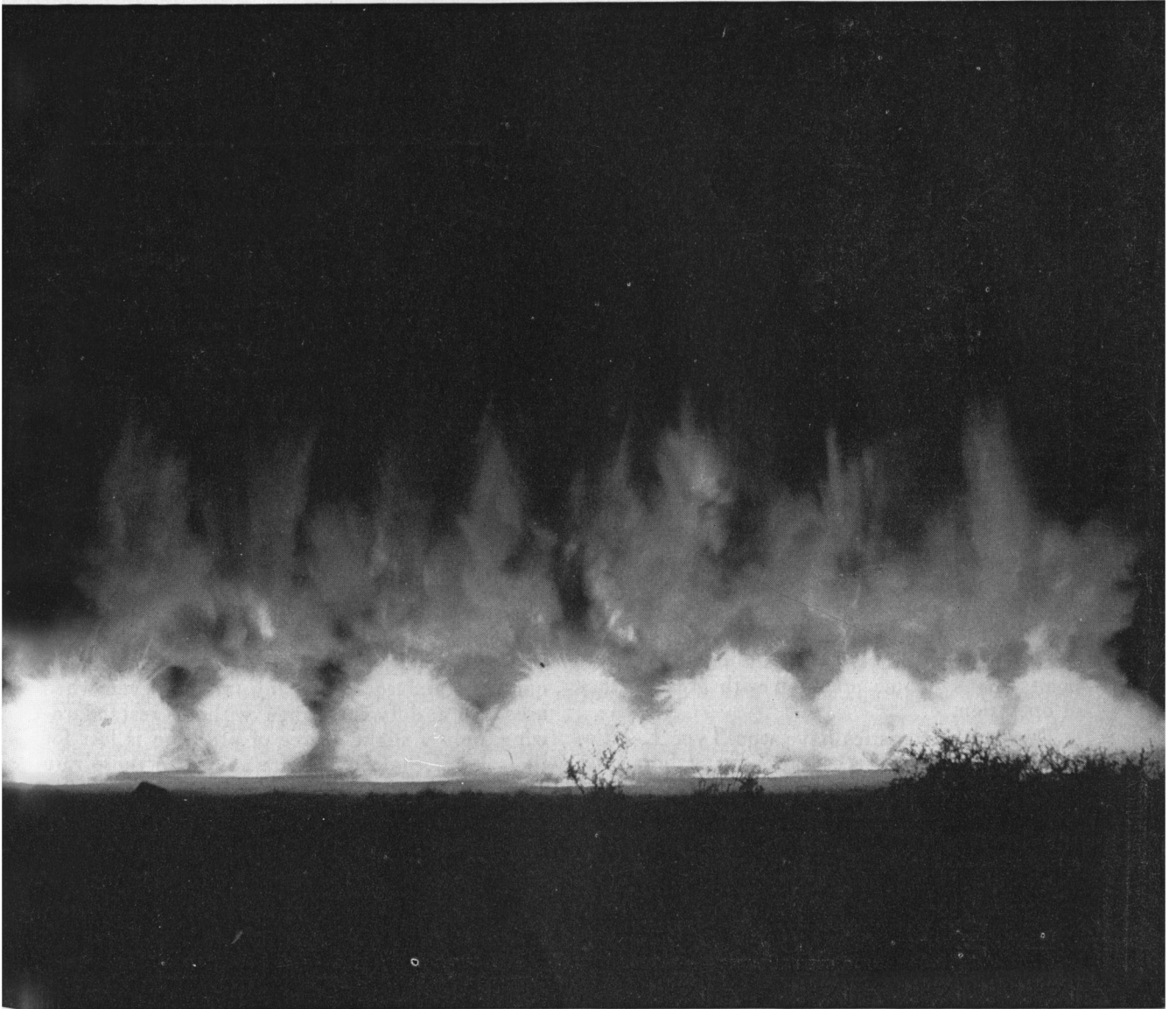


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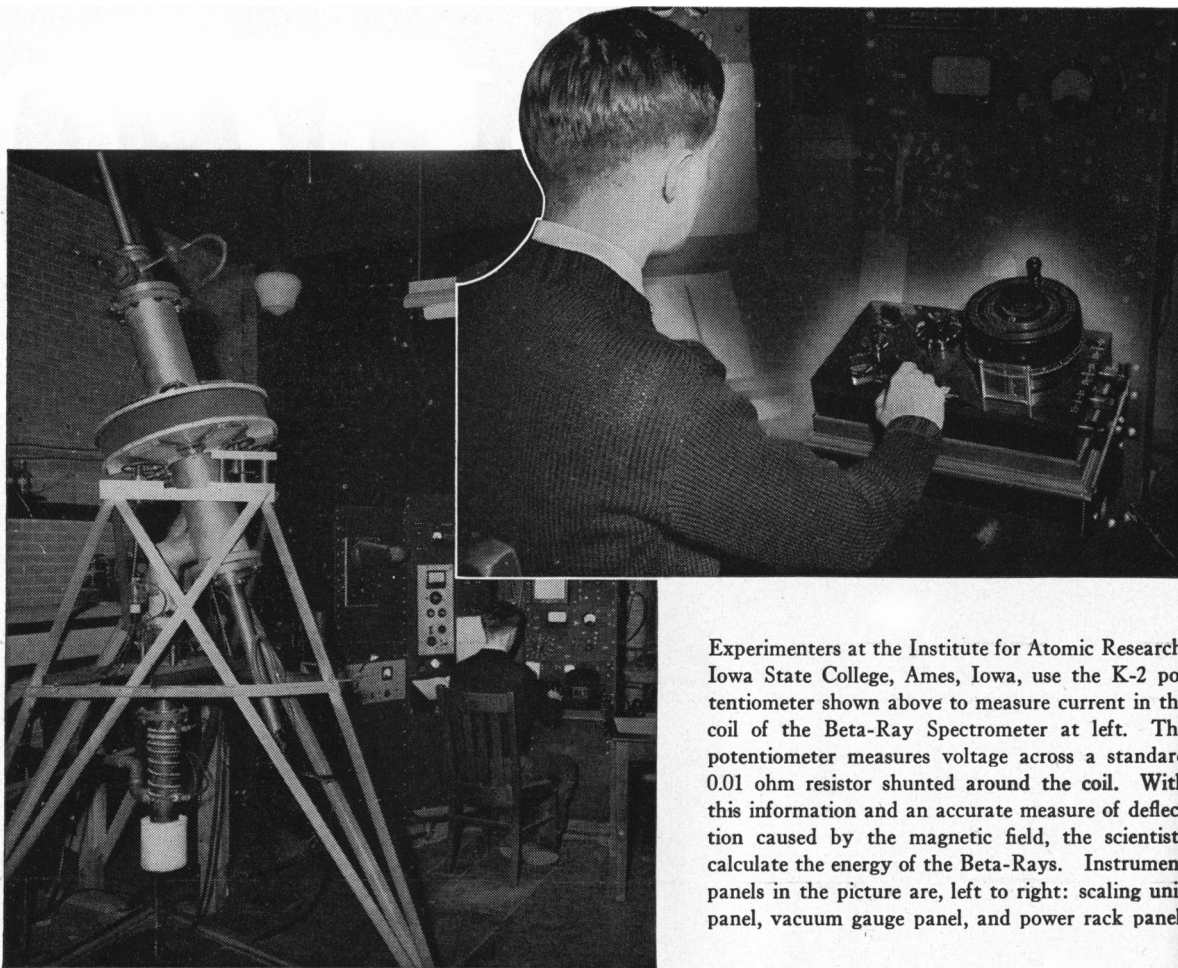
November 19, 1948

# Science



Seismic Exploration—A New Method

(See page 572)



Experimenters at the Institute for Atomic Research, Iowa State College, Ames, Iowa, use the K-2 potentiometer shown above to measure current in the coil of the Beta-Ray Spectrometer at left. The potentiometer measures voltage across a standard 0.01 ohm resistor shunted around the coil. With this information and an accurate measure of deflection caused by the magnetic field, the scientists calculate the energy of the Beta-Rays. Instrument panels in the picture are, left to right: scaling unit panel, vacuum gauge panel, and power rack panel.

## Measure Current Precisely with K-2 Potentiometers

For studying the tiny, speeding particles that constitute Beta-Rays, scientists require instruments that combine precision with great facility of operation.

These characteristics have won Type K-2 Potentiometers wide acceptance in laboratories throughout the country. K-2 is convenient to use because about 6% of each range is spread over the instrument's 5-meter slidewire, making it a simple matter to follow a small, fluctuating voltage with ease and accuracy.

Type K-2 has three ranges: 0 to 0.0161 volt, 0 to 0.161 volt, and 0 to 1.61 volts. It can be quickly standardized on any range. Even when used on a different range without restandardizing, only a slight degree of precision is lost for the sake of the convenience gained in those rare cases where such manipulation is necessary.

Further details in Catalog EH22(1), sent on request. Write to Leeds & Northrup Company, 4926 Stenton Avenue, Philadelphia 44, Pa.



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