[5] A. B. Wolbarst, Phys. Status Solidi (b) **51**, 321 (1972).

[6] To avoid confusion in the labeling of the numerous parts described below, the letter designating a part will be followed by the number denoting the figure in which the piece is shown; thus P(1), or A(1,2).

[7] Amphenol part #27-9, H(1), and internal parts of Amphenol part #27-7, I(1) and Q(1).

[8] *Metals Handbook*, 8th ed. (American Society for Metals, Cleveland, Ohio, 1961), Vol. 1.

[9] Obtained from General Electric Company, Lucalox Ceramic Unit, Nela Park, 639, Cleveland, Ohio 44112.

[10] Elimination of the Tee would lead to a simplification in bomb design. The pipestone seal assembly could be placed where the BeCu tube now enters, and the pressure fluid connection would be made elsewhere on the bottom of the bomb.

[11] Of our own manufacture, 0.9525 cm o.d.×0.1588 cm i.d.

[12] W. B. Daniels, Rev. Sci. Instrum. **37**, 1502 (1966).

[13] Manufactured by Shell Oil Company.