CASE II
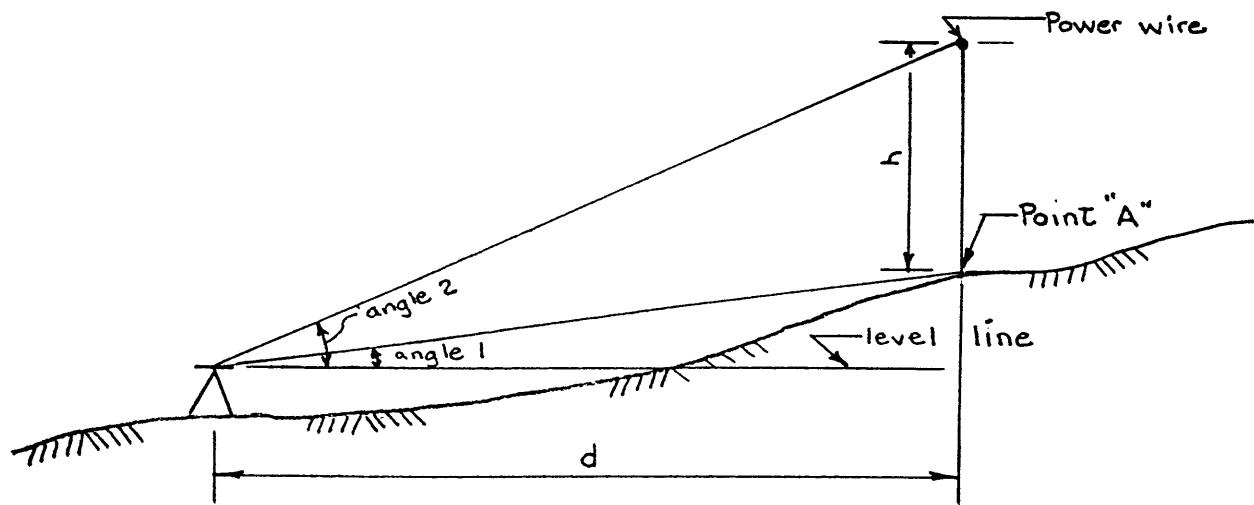
LEVEL LINE OF SIGHT IS BELOW POINT "A"

Note — Sight on point "A" and read angle 1.
Sight on power wire and read angle 2

$$h = (d \times tangent \ angle \ 2) - (d \times tangent \ angle \ 1)$$

Example   say   angle 1 is   15° - 10'
angle 2 is   25° - 0'
d is   200 ft.

tangent angle 2 = tangent 25° - 0' = 0.4663 (from page 6)
tangent angle 1 = tangent 15° - 10' = 0.2711 (from page 6)

h = d × tangent angle 2 - d × tangent angle 1

h = 200 × 0.4663 - 200 × 0.2711

h = 93.26 ft - 54.22 ft.

h = 39.04 ft.

Detailed by B.H.   March 11, 1963

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