

To find the height of fill in pipe given a length of bailer:

Example question: You have 45' of 4" Bailer (3.75" I.D.)

How many linear feet of 4.6" I.D. casing will it fill?

Answer: 29.9'

$$H = (d/D)^2 \times BL$$

H = Height of fill in pipe

d = Bailer I.D.

D = Pipe I.D.

BL = Bailer Length Required

(BL) Length of Bailer Assy	45.00	Enter Length in Feet
(D) Pipe I. D.	4.60	Enter I. D. in Inches
(d) Bailer I. D.	3.75	Enter I. D. in Inches
(H) Linear Fill	29.91	Result is in feet.

To find the length of bailer required to fill the pipe to a given height:

Example question: You need to change the T. D. of a well containing 4.6" I.D, casing by 45'.

How many feet of 4" (3.75" I.D) bailer will it require?

Answer: 67.7'

$$H = (D/d)^2 \times BL$$

H = Height of fill in pipe

d = Bailer I.D.

D = Pipe I.D.

BL = Bailer Length Required

(PF) Pipe Fill Req'd	45.00	Enter Fill in Feet
(d) Bailer I. D.	3.75	Enter I. D. in Inches
(D) Pipe I. D.	4.60	Enter I. D. in Inches
(BL) Length of Bailer Req'd	67.71	Result in feet.

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METRIC UNITS**