Casingjacks

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Free point stretch test checklist

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Tick each line while running a stretch test.

Before

- ☐ Pipe OD and weight confirmed; free-point constant taken from the casing table or calculator
- ☐ String working limit known; second pull planned well under it
- ☐ Fixed reference point chosen (top of the wellhead or another point that won't move)

Test

- ☐ First pull taken a little over hanging weight to take out slack
- ☐ Pipe marked at the reference
- ☐ Second, higher pull taken
- ☐ Pipe marked again at the same reference
- ☐ Stretch measured between the marks, in inches
- ☐ Pull difference recorded, in thousands of pounds
- ☐ Test repeated; readings agree within a fraction of an inch

Answer

- ☐ Free length = stretch × free-point constant ÷ pull difference
- ☐ Remembered: friction makes the true free point a little deeper, never shallower
- ☐ Cut depth chosen a joint or two above the answer
- ☐ Free point tool run planned if the well is deviated or the pipe is held over a long interval

Check every figure against your own pipe records before you pull.