Casingjacks

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Casing jack rig-up checklist

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Tick each line while setting a casing jack on the wellhead.

Before the jack arrives

- ☐ Casing OD, weight, grade and connection confirmed
- ☐ Slips and inserts ordered for that OD
- ☐ Wellhead flange size and rating match the jack's spool
- ☐ Reaction load carried by the wellhead, a cellar bridge or bearing mats
- ☐ Site has room for the jack, the power unit and laying pipe down
- ☐ Well control barriers and H2S status confirmed

Base

- ☐ Wellhead flange and ring groove clean
- ☐ Spool or cellar bridge set level
- ☐ Every bolt made up to the right torque
- ☐ Jack lifted with a rated lifting arrangement; nobody under the load

Slips and bowls

- ☐ Bowls fitted for the casing size; tapers clean
- ☐ Slips and inserts fitted; inserts sharp and the right size
- ☐ Slips seat square when run by hand

Hydraulics

- ☐ Hoses connected; every fitting checked
- ☐ Relief set no higher than the lesser of the jack's design pull, 80% of pipe body yield and the string's working limit
- ☐ Jack cycled with no load: stroke, speed and lever checked
- ☐ Control lever returns to neutral when released

First pull

- ☐ Slack taken up slowly
- ☐ Gauge and wellhead watched; any settling means stop
- ☐ Pull brought up in steps to the planned figure

Slips can crush pipe before it reaches its rated pull. Slip-crush capacity for your pipe is set when the jack is engineered for your order; the relief is set to the lower limit.

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