

Down Jarring Data

TOTAL HOOK-LOAD WEIGHT: _____

WEIGHT BELOW JAR: (-) _____

WEIGHT OF STRING ABOVE JAR: (=) _____

DESIRED OVER-PULL: (+) _____

(=) _____

HOLE DRAG PICKING UP: (-) _____

(=) _____

PUMP OPEN FORCE: (-) _____

INDICATOR READING: (=)

EXAMPLE: DOWN Jarring

Total Indicator Weight (string, block, hook, top drive): = 260,000 lbs.
 Weight Below Jar: (-) 40,000 lbs.
 Weight of String above the Jar: (=) 220,000 lbs.
 Jar Setting for Downward Blow: (-) 38,000 lbs.
 = 182,000 lbs.
 Hole Drag: (-) 20,000 lbs.
 Pump Open Force: (-) 10,000 lbs.
 Indicator Reading to Trip Jar: (=) 152,000 lbs.

Force Created by Pressure Drop Across the Bit

