

Powder Metal Sear Test. - Dry Cycle

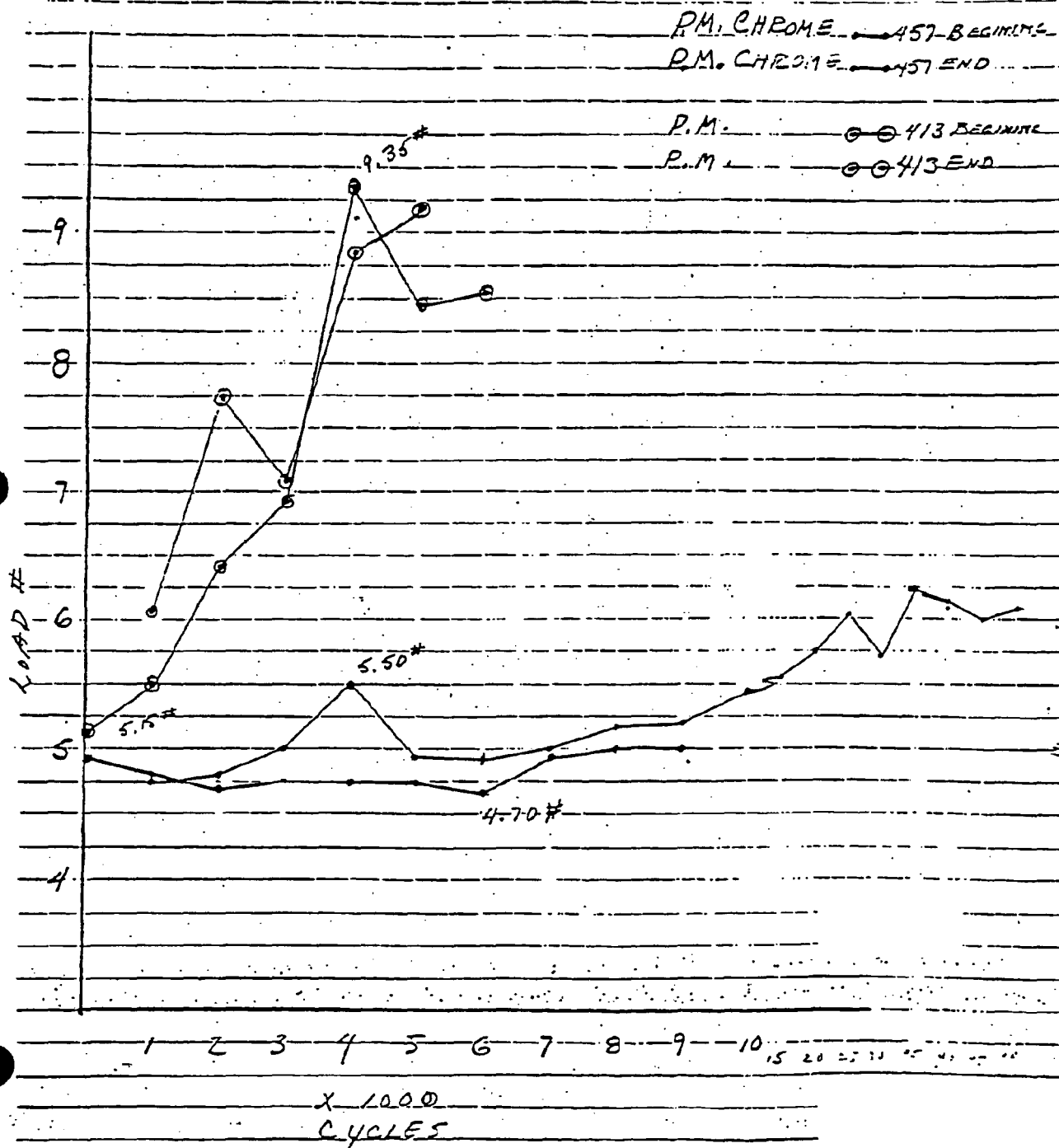
1. Powder Metal Sear
2. Standard Sear
3. Powder Metal - Plated Sear
4. Machined Sear.

- ✓ (a) Calibrate Sandborn Recorder for Trigger Pull by Loading sear downward with known load and pulling trigger with Scale.
- ✓ (b) Set up recorder to record all trigger Pulls
- (c) Check Firing Pin Indent (avg of 5) each 1000 rounds. (adjust sample to conform to crushers on hand) & TRIGGER PULLS.
- (D) RECORD FIRING PIN FALL TIME.

*Note - Lubricate only rocking cam surface before test. Run dry cycle machine at a rate of 1 cycle every 3 sec. Do not lubricate parts at any other time but start of test unless cleared by C. W. Brown & R. Hugick. Each 1000 cycles wipe sear surface in gun & belt with cloth provided by to remove chips & dirt.
 H. Hugick

Alternate sear samples each 1000 cycles
 Total run of test - 10,000 cycles each sear.

DRY CYCLE TEST ⁴⁵⁷PM SEARS
TRIGGER PULL AT BEGINNING & END OF EACH
1000 CYCLES ON PM & PM CHROME SEARS 1.00 B



DRY CYCLE TEST ^{VS. STD.} PMV SEARS
 BEGINNING & END TRIGGER PULLS
 FOR PM & PMCHROME SEARS ... JUN 13 10-27 65

