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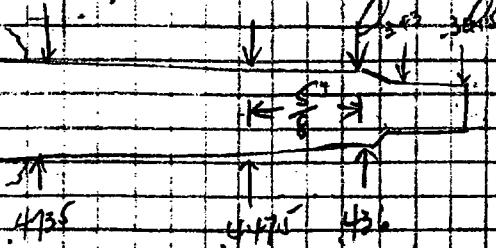
DATE

4-7-44

SUBJECT OF EXPT.

First cartridge Fired in m/7x1

Chamber before firing

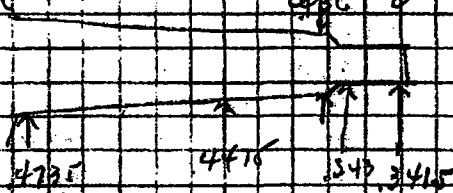


Head space 1.937"

A standard 30.06 Rem U.S. S.P. was fired after some trouble getting the indent up to .018. The case stretched in front of the solid head and ruptured enough to let out some gas. The primer was smeared to more than $\frac{1}{4}$ " diameter.

It is fairly evident that the heading plug took up on the body instead of the shoulder of the chamber causing space head space.

Chamber after firing



Head space 1.937"

No Swell is evident.

Ejector spring

0.375
1.375
1.375

0.375
20 threads
24 threads
21.6 total
1.375

PERFORMER

DATE

WITNESS

DATE