

860

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RULES FOR RECORDING EXPERIMENTS

1. Original records are to be in ink.
2. Each notebook page wherein there is recorded a completed experiment should be signed and dated by the experimenter in the space provided.
3. Each notebook page containing a completed experiment should be read and signed by a witness who will place his signature and the date in the space provided. The witness is to be one who understands the purpose of the experiment and the result obtained but who is not likely to be the inventor or a co-inventor. The witness should sign on the same day as the experimenter, or, if this is impossible, as soon thereafter as feasible.
4. Where entries on a single experiment do not completely fill a page, the remainder of the blank page should be ruled out. Where the record of the experiment extends over several pages which are not consecutive, proper cross-references should be inserted.
5. The bound notebook is to be preserved intact. In no case should any page or part of a page be removed.
6. No erasures are to occur in the record. Any corrections or changes should be made by cancellation, leaving the original entry legible.
7. The same rules as to signing, dating and witnessing are to be followed when the original data are recorded on loose sheets or forms other than the standard bound notebook.

Lent to Charles L. Remington

on April 12, 1961

To be returned on request.

UNIVERSITY MICROFILMS
SERIALS ACQUISITION
300 N. ZEEB RD.
ANN ARBOR, MICH. 48106

89

1948 12 14 1948 12 14 1948 12 14

QUEENS HOSPITAL, 1460, IT WAS OBTAINED TO BUILD A SINGLE DIST PISTOL ON AN ACTION SIMILAR TO THE RUM 1172. THIS GUN WAS TO HAVE A INTERMEDIATE RANGE SIZE (RIFLE), FULL LENGTH STEEL AND, AND 12 INCH BARREL.

"THE FIRST RIDGE WAS COMPLETED BY THE MIDDLE OF JANUARY. THIS RIDGE WAS IN BEN 22Z CANAL, PRESUMABLY FLOODING SHOWED THAT THE GUN COULD BE FLOODED IMMEDIATELY FROM START TO AT LEAST 1700S. WITHOUT CHANGE IN DITCH SETTING.

Following the completion of the first model, a second and more modern, this was being in the new design. This gun had a universal power style (left or right hand) and a 10 inch barrel. Two inches was cut off the receiver length, thus making the receiver length of the gun 15.5 inch.

THAT FEW OF THE NEW INCIDENTS THAT ACCURATE FLEET GROUP BE DONE FROM USFI. TO 3000S WITHOUT CHANGE IN SIGHT SETTING.

THE FOLLOWING RESULTS FROM TESTS ON THE FIRST TWO MODELS INDICATE THAT IT WOULD BE BENEFICIAL TO OBTAIN AN AGREEMENT WITH THE REPRESENTATIVES OF THE 22 ARAB COUNTRIES, A MODEL WHICH WOULD BE MADE OF THE DATA OBTAINED FROM THE FIRST TWO MODELS. THIS MODEL WOULD BE COMPLETED BY MARCH 13, 1961.

13, 1961. THE PHOENIX MEDIA SHOW TIME "EVENING INSPIRATION"
WEEKS WERE PAMPHLETED TO MR. MR. WILSON
ON 11/19/61, 12/14/61, 12/21/61, 12/28/61, 1/4/62, 1/11/62
1/18/62, 1/25/62, 2/1/62, 2/8/62, 2/15/62, 2/22/62, 2/29/62, 3/7/62, 3/14/62, 3/21/62, 3/28/62, 4/4/62, 4/11/62, 4/18/62, 4/25/62, 5/2/62, 5/9/62, 5/16/62, 5/23/62, 5/30/62, 6/6/62, 6/13/62, 6/20/62, 6/27/62, 7/4/62, 7/11/62, 7/18/62, 7/25/62, 8/1/62, 8/8/62, 8/15/62, 8/22/62, 8/29/62, 9/5/62, 9/12/62, 9/19/62, 9/26/62, 10/3/62, 10/10/62, 10/17/62, 10/24/62, 10/31/62, 11/7/62, 11/14/62, 11/21/62, 11/28/62, 12/5/62, 12/12/62, 12/19/62, 12/26/62, 1/2/63, 1/9/63, 1/16/63, 1/23/63, 1/30/63, 2/6/63, 2/13/63, 2/20/63, 2/27/63, 3/5/63, 3/12/63, 3/19/63, 3/26/63, 4/2/63, 4/9/63, 4/16/63, 4/23/63, 4/30/63, 5/7/63, 5/14/63, 5/21/63, 5/28/63, 6/4/63, 6/11/63, 6/18/63, 6/25/63, 7/2/63, 7/9/63, 7/16/63, 7/23/63, 7/30/63, 8/6/63, 8/13/63, 8/20/63, 8/27/63, 9/3/63, 9/10/63, 9/17/63, 9/24/63, 10/1/63, 10/8/63, 10/15/63, 10/22/63, 10/29/63, 11/5/63, 11/12/63, 11/19/63, 11/26/63, 12/3/63, 12/10/63, 12/17/63, 12/24/63, 12/31/63, 1/7/64, 1/14/64, 1/21/64, 1/28/64, 2/4/64, 2/11/64, 2/18/64, 2/25/64, 3/4/64, 3/11/64, 3/18/64, 3/25/64, 4/1/64, 4/8/64, 4/15/64, 4/22/64, 4/29/64, 5/6/64, 5/13/64, 5/20/64, 5/27/64, 6/3/64, 6/10/64, 6/17/64, 6/24/64, 7/1/64, 7/8/64, 7/15/64, 7/22/64, 7/29/64, 8/5/64, 8/12/64, 8/19/64, 8/26/64, 9/2/64, 9/9/64, 9/16/64, 9/23/64, 9/30/64, 10/7/64, 10/14/64, 10/21/64, 10/28/64, 11/4/64, 11/11/64, 11/18/64, 11/25/64, 12/2/64, 12/9/64, 12/16/64, 12/23/64, 12/30/64, 1/6/65, 1/13/65, 1/20/65, 1/27/65, 2/3/65, 2/10/65, 2/17/65, 2/24/65, 3/2/65, 3/9/65, 3/16/65, 3/23/65, 3/30/65, 4/6/65, 4/13/65, 4/20/65, 4/27/65, 5/4/65, 5/11/65, 5/18/65, 5/25/65, 6/1/65, 6/8/65, 6/15/65, 6/22/65, 6/29/65, 7/6/65, 7/13/65, 7/20/65, 7/27/65, 8/3/65, 8/10/65, 8/17/65, 8/24/65, 8/31/65, 9/7/65, 9/14/65, 9/21/65, 9/28/65, 10/5/65, 10/12/65, 10/19/65, 10/26/65, 11/2/65, 11/9/65, 11/16/65, 11/23/65, 11/30/65, 12/7/65, 12/14/65, 12/21/65, 12/28/65, 1/4/66, 1/11/66, 1/18/66, 1/25/66, 2/1/66, 2/8/66, 2/15/66, 2/22/66, 2/29/66, 3/6/66, 3/13/66, 3/20/66, 3/27/66, 4/3/66, 4/10/66, 4/17/66, 4/24/66, 5/1/66, 5/8/66, 5/15/66, 5/22/66, 5/29/66, 6/5/66, 6/12/66, 6/19/66, 6/26/66, 7/3/66, 7/10/66, 7/17/66, 7/24/66, 7/31/66, 8/7/66, 8/14/66, 8/21/66, 8/28/66, 9/4/66, 9/11/66, 9/18/66, 9/25/66, 10/2/66, 10/9/66, 10/16/66, 10/23/66, 10/30/66, 11/6/66, 11/13/66, 11/20/66, 11/27/66, 12/4/66, 12/11/66, 12/18/66, 12/25/66, 1/1/67, 1/8/67, 1/15/67, 1/22/67, 1/29/67, 2/5/67, 2/12/67, 2/19/67, 2/26/67, 3/5/67, 3/12/67, 3/19/67, 3/26/67, 4/2/67, 4/9/67, 4/16/67, 4/23/67, 4/30/67, 5/7/67, 5/14/67, 5/21/67, 5/28/67, 6/4/67, 6/11/67, 6/18/67, 6/25/67, 7/2/67, 7/9/67, 7/16/67, 7/23/67, 7/30/67, 8/6/67, 8/13/67, 8/20/67, 8/27/67, 9/3/67, 9/10/67, 9/17/67, 9/24/67, 10/1/67, 10/8/67, 10/15/67, 10/22/67, 10/29/67, 11/5/67, 11/12/67, 11/19/67, 11/26/67, 12/3/67, 12/10/67, 12/17/67, 12/24/67, 12/31/67, 1/7/68, 1/14/68, 1/21/68, 1/28/68, 2/4/68, 2/11/68, 2/18/68, 2/25/68, 3/4/68, 3/11/68, 3/18/68, 3/25/68, 4/1/68, 4/8/68, 4/15/68, 4/22/68, 4/29/68, 5/6/68, 5/13/68, 5/20/68, 5/27/68, 6/3/68, 6/10/68, 6/17/68, 6/24/68, 7/1/68, 7/8/68, 7/15/68, 7/22/68, 7/29/68, 8/5/68, 8/12/68, 8/19/68, 8/26/68, 9/2/68, 9/9/68, 9/16/68, 9/23/68, 9/30/68, 10/7/68, 10/14/68, 10/21/68, 10/28/68, 11/4/68, 11/11/68, 11/18/68, 11/25/68, 12/2/68, 12/9/68, 12/16/68, 12/23/68, 12/30/68, 1/6/69, 1/13/69, 1/20/69, 1/27/69, 2/3/69, 2/10/69, 2/17/69, 2/24/69, 3/2/69, 3/9/69, 3/16/69, 3/23/69, 3/30/69, 4/6/69, 4/13/69, 4/20/69, 4/27/69, 5/4/69, 5/11/69, 5/18/69, 5/25/69, 6/1/69, 6/8/69, 6/15/69, 6/22/69, 6/29/69, 7/6/69, 7/13/69, 7/20/69, 7/27/69, 8/3/69, 8/10/69, 8/17/69, 8/24/69, 8/31/69, 9/7/69, 9/14/69, 9/21/69, 9/28/69, 10/5/69, 10/12/69, 10/19/69, 10/26/69, 11/2/69, 11/9/69, 11/16/69, 11/23/69, 11/30/69, 12/7/69, 12/14/69, 12/21/69, 12/28/69, 1/4/70, 1/11/70, 1/18/70, 1/25/70, 2/1/70, 2/8/70, 2/15/70, 2/22/70, 2/29/70, 3/6/70, 3/13/70, 3/20/70, 3/27/70, 4/3/70, 4/10/70, 4/17/70, 4/24/70, 5/1/70, 5/8/70, 5/15/70, 5/22/70, 5/29/70, 6/5/70, 6/12/70, 6/19/70, 6/26/70, 7/3/70, 7/10/70, 7/17/70, 7/24/70,

EXPERIMENTER *John M. Kilgus* DATE *April 10, 1961*
WITNESS *James F. Ford* DATE *4/10/61*

2
DATE 7/16/61
SUBJECT OF EXPT.

SUBJECT OF EXT. C-1000

PROSECUTION The Defendant, The Plaintiff, and the witness were advised that they were to appear in court on the 11th day of the month of June, 1964, at 10:00 a.m. in Court Room 10, District Court, St. Paul, Minnesota.

[illegible]

EXPERIMENTAL Chemical Co. DATE 12-15-1961
WITNESS Haysre E. C. Lick DATE 11/10/61

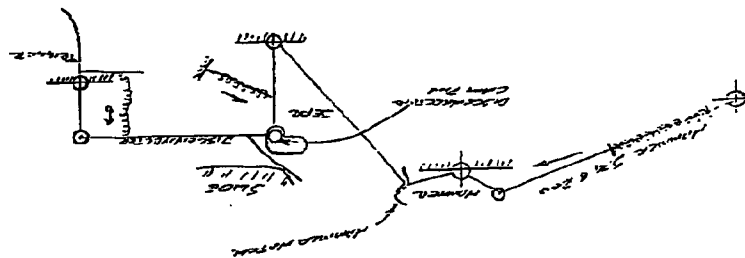
EXPERIMENTAL CHARTER

DATE 4/10/66

DATE 4/10/61.
SUBJECT OF EXHIBIT.

DATE 11-1-72
SUBJECT OF EXP. FIG. CONTINUED 2-P-722

DESIGN OF THE FIELD EXPERIMENT WITH THE FIRST PHASE AT THE DESIGN OF THE STUDY, A KINEMATIC SKETCH OF THE FLOW CONTROL IS SHOWN BELOW.



EXPERIMENTER *James H. Thompson*
WITNESS *James H. Thompson*
DATE *April 19, 1911*
DATE *4/19/11*

EXPERIMENTER *Henry G. Chamberland*
WITNESS *Harold Lee*

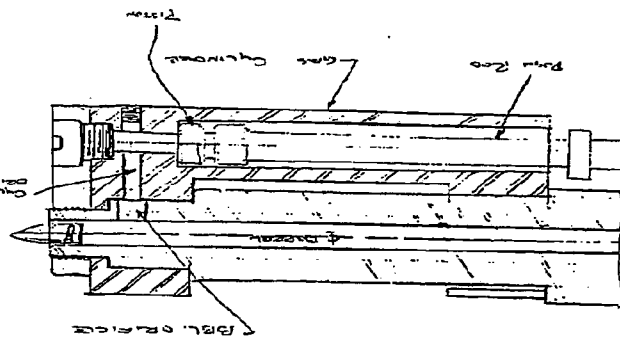
DATE 14/11/2019
BY 4/10/2019

6

DATE 5/1/62

SUBJECT OF EXPT. XPT-702 AN GAS SYSTEM

THIS GAS SYSTEM ON THIS CASE IS SIMILAR TO THAT ON THE M. T. SYSTEM IN THAT THE CYLINDER BURNER ENDS THE BARREL AND IS LOCATED BY A LOCKING MECHANISM IN PLACE OF THE BARREL. A SECTION OF THE GAS SYSTEM IS SHOWN BELOW



WITNESS
DATE 5/1/62

7

DATE 5/1/62

SUBJECT OF EXPT. 1ST TEST SERIES. XPT-702A.

THIS TEST WAS PERFORMED TO DETERMINE THE INITIAL IGNITION CHARACTERISTICS AFTER FILING AND TOTAL SLIDE TRAVEL WITH TWO LOADS UNDER DIFFERENT REMOTE COMMAND. RESULTS OF THE TEST ARE SHOWN BELOW

APPROXIMATE BARREL INITIAL BUT WITH NO INITIAL TRAVEL

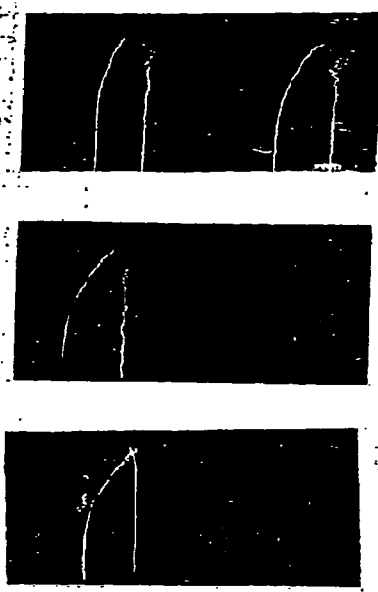
I	14.5 gr	100	12.5	2.2
II	14.5 gr	100	12.5	2.2
III	16.5 gr	100	15.0	2.4
IV	16.5 gr	100	15.0	2.4
V	15.5 gr	100	15.0	2.7
VI	15.5 gr	100	14.0	2.4
VII	15.5 gr	100	13.0	2.4

CHARACTERISTICS OF THE DATA ARE SHOWN ON THE FOLLOWING PAGE.

WITNESS
DATE 5/1/62

DATE
SUBJECT OF PHOTO
CAPTIONED
DATE

II
III



DATE
SUBJECT OF PHOTO
CAPTIONED
DATE

II
III

DATE 4/15/62
SUBJECT OF EXPT. ~~Hammer~~ For Incident

A TEST WAS INITIATED ON THIS DAY
TO ~~DETERMINE~~ ~~FIRING~~ ~~AN~~ ~~INDIVIDUAL~~ ~~UNDER~~ ~~VARIOUS~~
CONDITIONS. ~~SPRING~~, ~~HAMMER~~, ~~AND~~ ~~HAMMER~~ ~~SPRING~~
END OF ~~VARIOUS~~ ~~WEIGHTS~~, ~~AND~~ ~~FIRING~~ ~~THRO~~ ~~OF~~
DIFFERENT ~~WEIGHTS~~ ~~WERE~~ ~~USED~~ ~~IN~~ ~~THE~~
EXPERIMENT.

THIS PURPOSE OF THE TEST WAS TO
OBTAIN ~~THE~~ ~~Worst~~ ~~WITH~~ ~~THE~~ ~~Worst~~
HAMMER ~~SPRING~~ ~~POSSIBLE~~.

TEST Firing - X-17-127A.

WIND OF THE GUN ~~WAS~~ ~~THE~~ ~~FIRING~~
BEING ~~CAUSED~~ ~~THE~~ ~~FIRING~~;

1. ~~FOR~~ ~~LONG~~ ~~AND~~ ~~SHORT~~

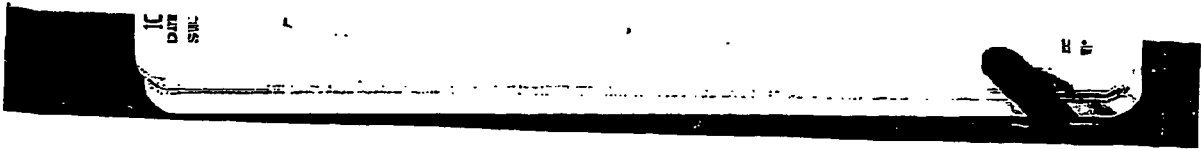
2. ~~SURE~~ ~~IN~~ ~~THE~~ ~~SPRING~~ ~~HAMMER~~ -
; ~~AN~~ ~~END~~ ~~IN~~ ~~REASON~~ -
THROUGH ~~CAUSED~~ ~~BY~~ ~~CAUSING~~ ~~THROUGH~~
ON ~~WIND~~;

3. ~~HAMMER~~ ~~SPRING~~ ~~WAS~~ ~~USED~~ ~~UNDER~~ ~~WIND~~.

4. ~~EXPERIMENT~~ ~~AT~~ ~~HAMMER~~ ~~SPRING~~ ~~WAS~~ ~~USED~~ ~~UNDER~~ ~~WIND~~.

EXPERIMENTER *H. Chamber* DATE 4/15/62
WITNESS DATE

EXPERIMENTER *H. Chamber* DATE 4/15/62
WITNESS DATE



12

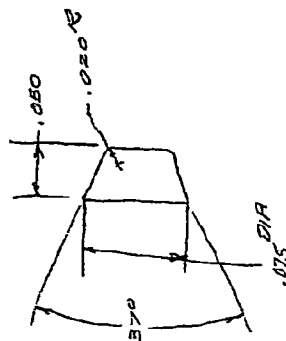
DATE

4/15/62 FILING PIN INCIDENT.

SUBJECT OF ENVT.

A TEST WAS MADE ON THIS DAY TO
DETERMINE FILING PIN INCIDENT UNDER
THE FOLLOWING CONDITIONS.

FILING PIN RATIO



~~Expend~~
HAMMER SPRING -

COILS - 12

ENDS 1.500 DIA - 1-6000

FREE LENGTH - 1.850

WIDE DIA055

O.D. 1.400

EXPERIMENTER
WITNESS

H. H. Chamberlain

DATE 4/15/62

DATE

13

DATE

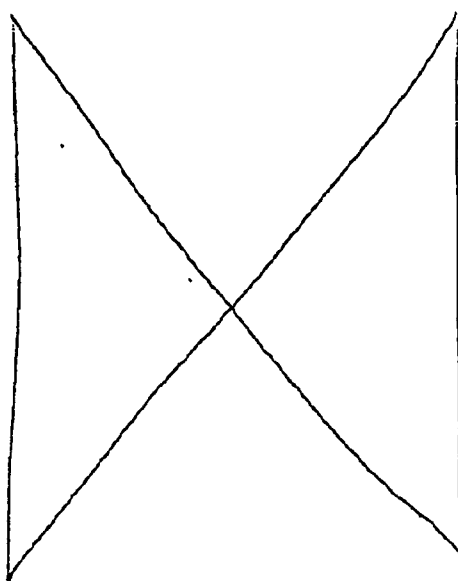
4/15/62 FILING PIN INCIDENT (cont)

SUBJECT OF ENVT.

COPPER CRUSHER INCIDENT - .018 - .016

HAMMER WT - .5402.
HAM. SPR. BOUWT - 1.40 02

APPROX. 30 BOUNDS WERE FIRED UNDER
THESE CONDITIONS. NO PRIMERS OR ANY OTHER
WERE OBSERVED. EXAMINATION OF THE PRIMERS
INDICATED THAT THEY HAD STARTED TO BURST OUT.
NO RUPTURING COMPACTOR BLANKS, OR FIRED
PRIMERS, WERE OBSERVED.



EXPERIMENTER
WITNESS

H. H. Chamberlain

DATE 4/15/62

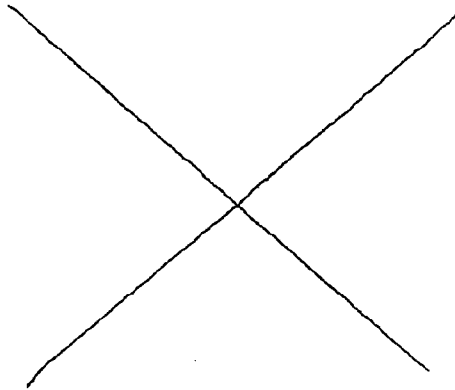
DATE

14 6/10/62

DATE 6/10/62
SUBJECT OF INFO. Kinzer v. Remington

On June 14, 41.5000 Mounds were made of the gun firing in the primary device. Two shots were made with the gun locked in position (no reason), and two with the gun having limited reason. Plots of these mounds are shown on the following pages.

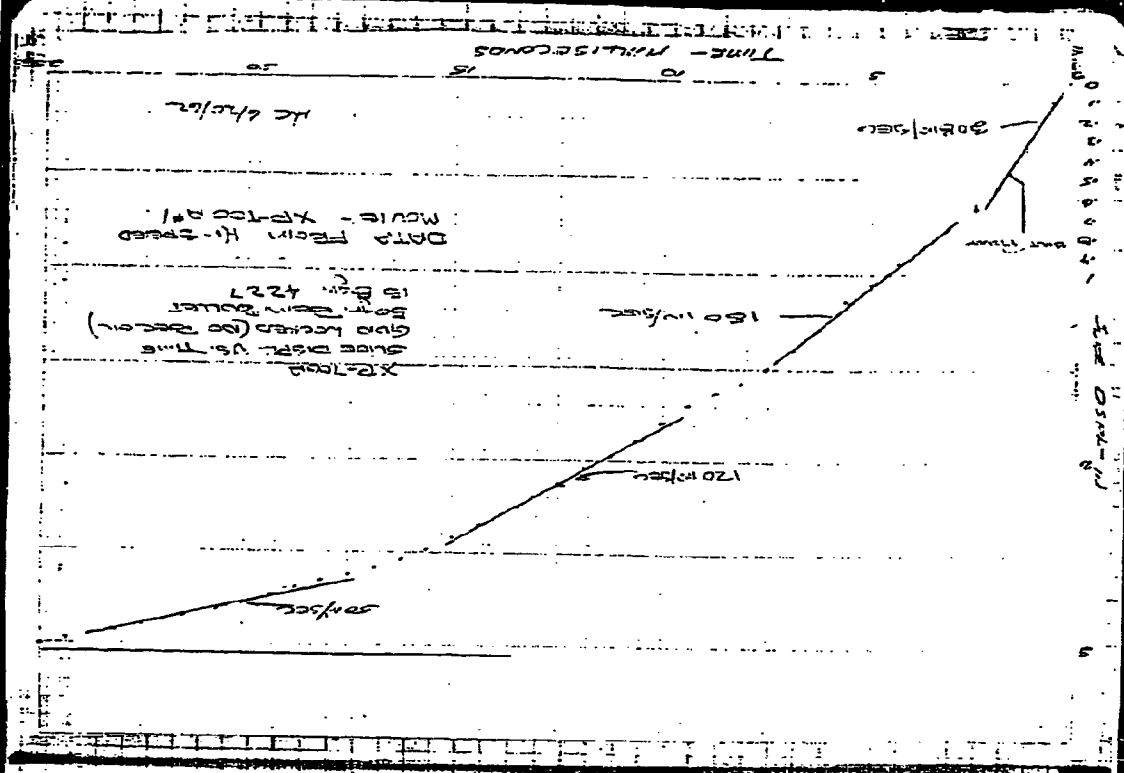
Only one plot was made of the gun in reason since the second shot indicated an interruption in gun motion.

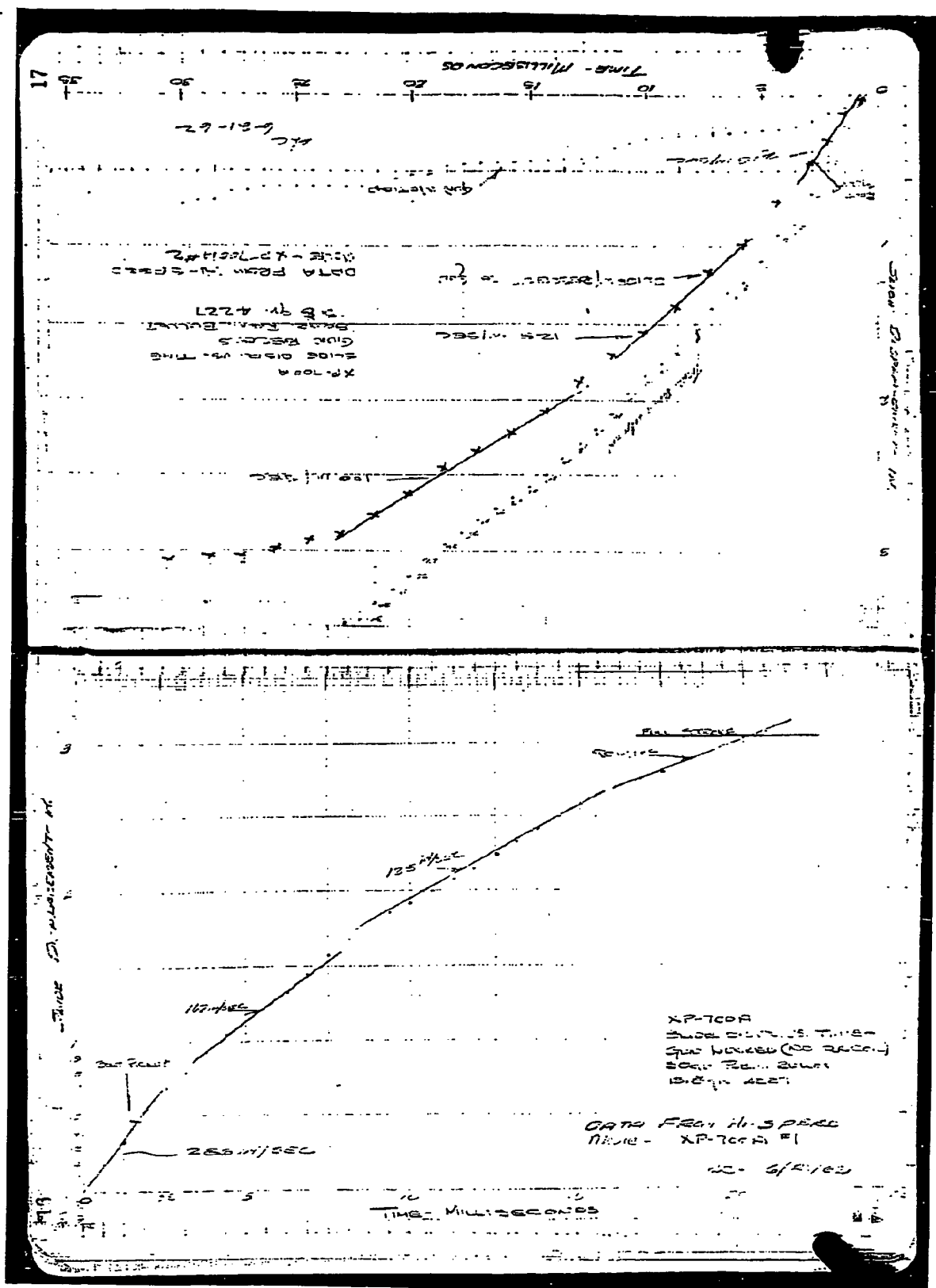


REPRESENTATIVE
NAME

W. E. Chamberlain

DATE 6/10/62
PAGE





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DATE
SUBJECT OF EXPT.

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END OF BOOK

DATE
DATE

EXPERIMENTER
WITNESS

18

DATE
SUBJECT OF EXPT.

THIS BOOK MICROFILMED
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THIS BOOK MICROFILMED
AS COMPLETE
MAKE NO ADDITIONAL ENTRIES

DATE
DATE

EXPERIMENTER
WITNESS