



U 2014. 17. 12
Album 115

FILE _____ No. _____

SUBJECT:

MECHANICAL ENG.
BUILDING.

PLACE _____

DATE _____ { _____ A.M.
_____ P.M.

PLATE _____ { RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS _____
BACK _____ FOCUS _____

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. *5-1*

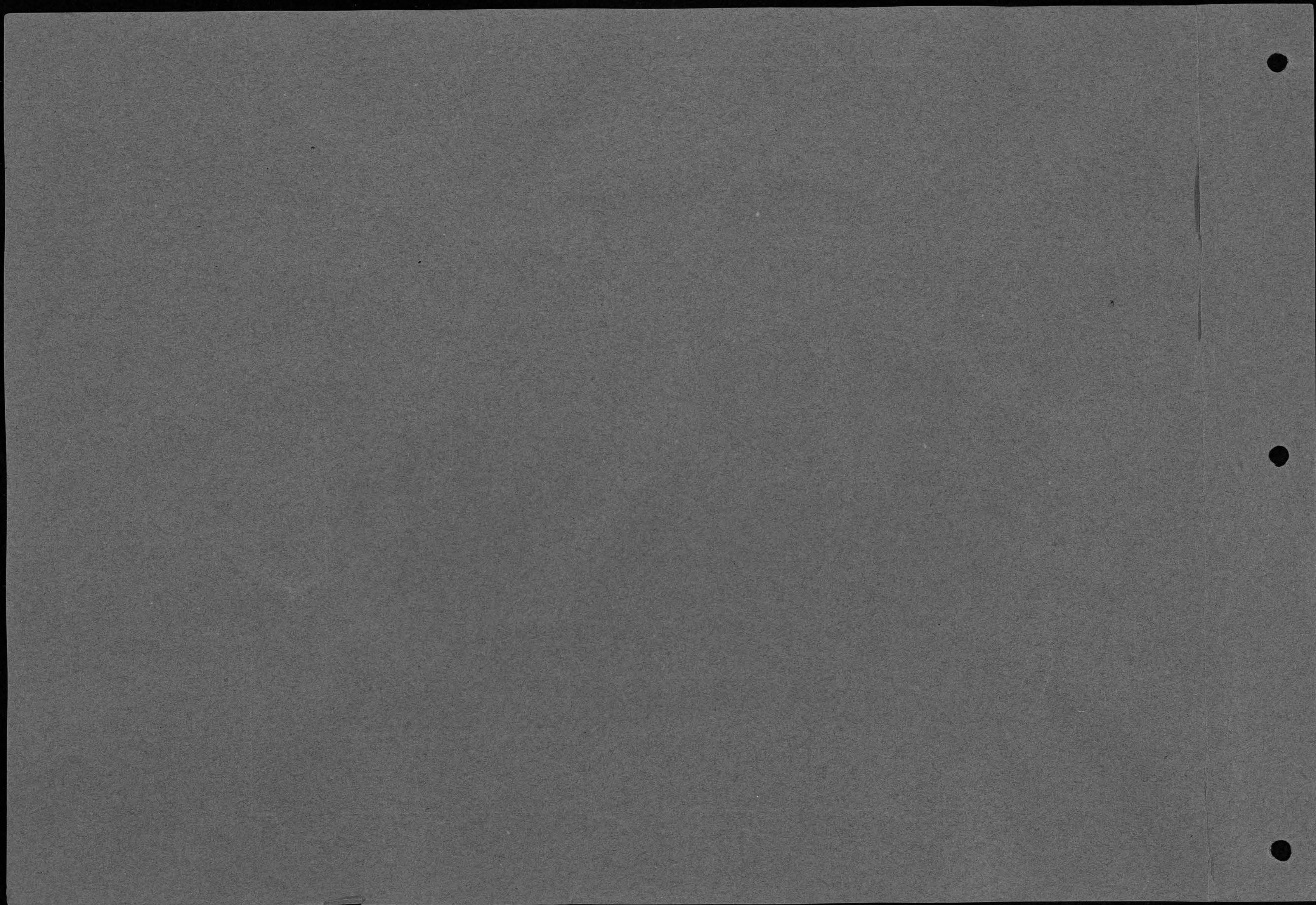
LOCATION _____

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

MECHANICAL ENGR.
BUILDING, WITH
TRACTORS ON WEST
SIDE

PLACE

DATE A.M.
..... P.M.

PLATE RAY FILTER
..... BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 5-53

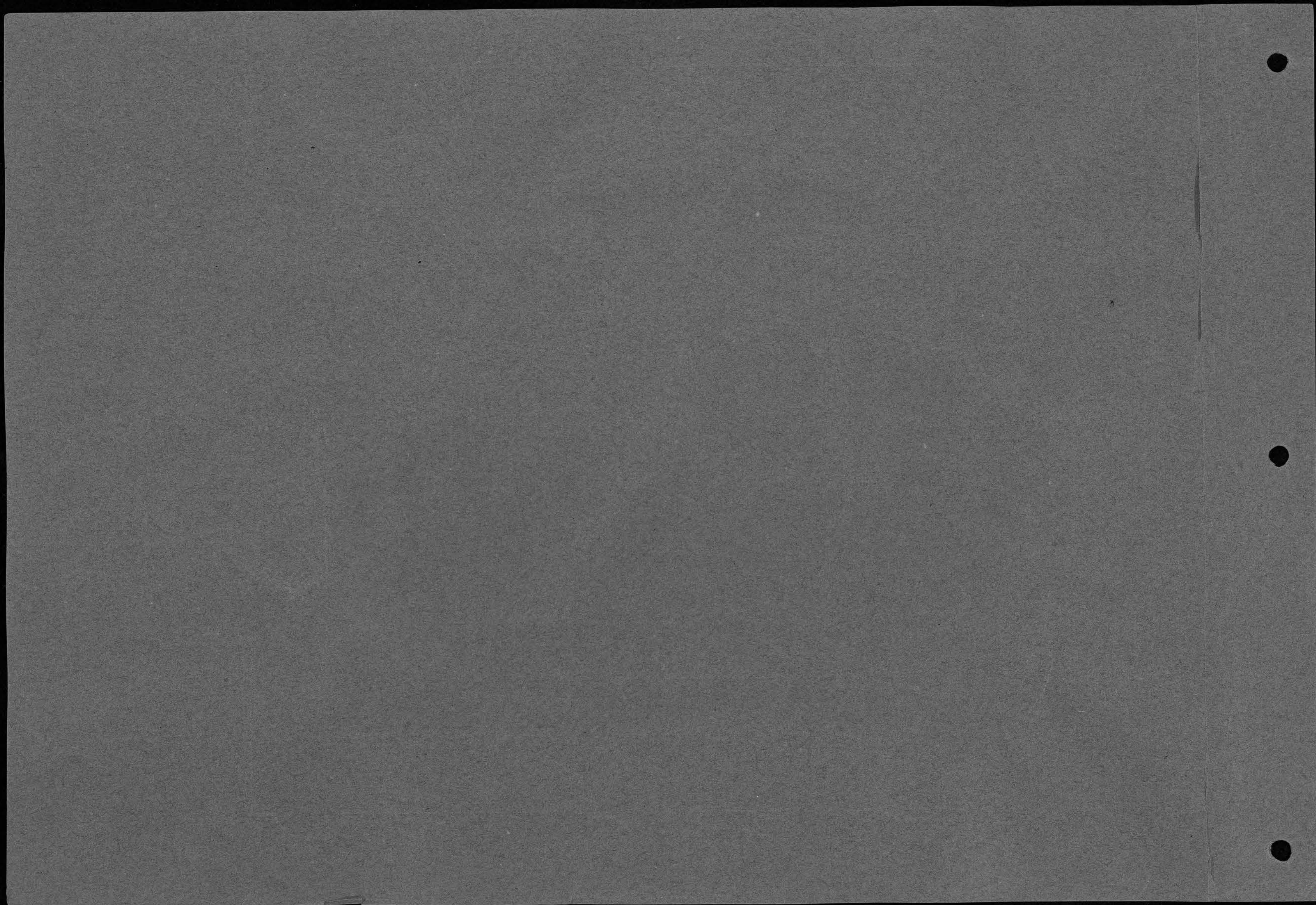
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

TRACTION ENGINE TEST

PLACE K.S.A.C.

DATE 1904 { A.M.
P.M.

PLATE { RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

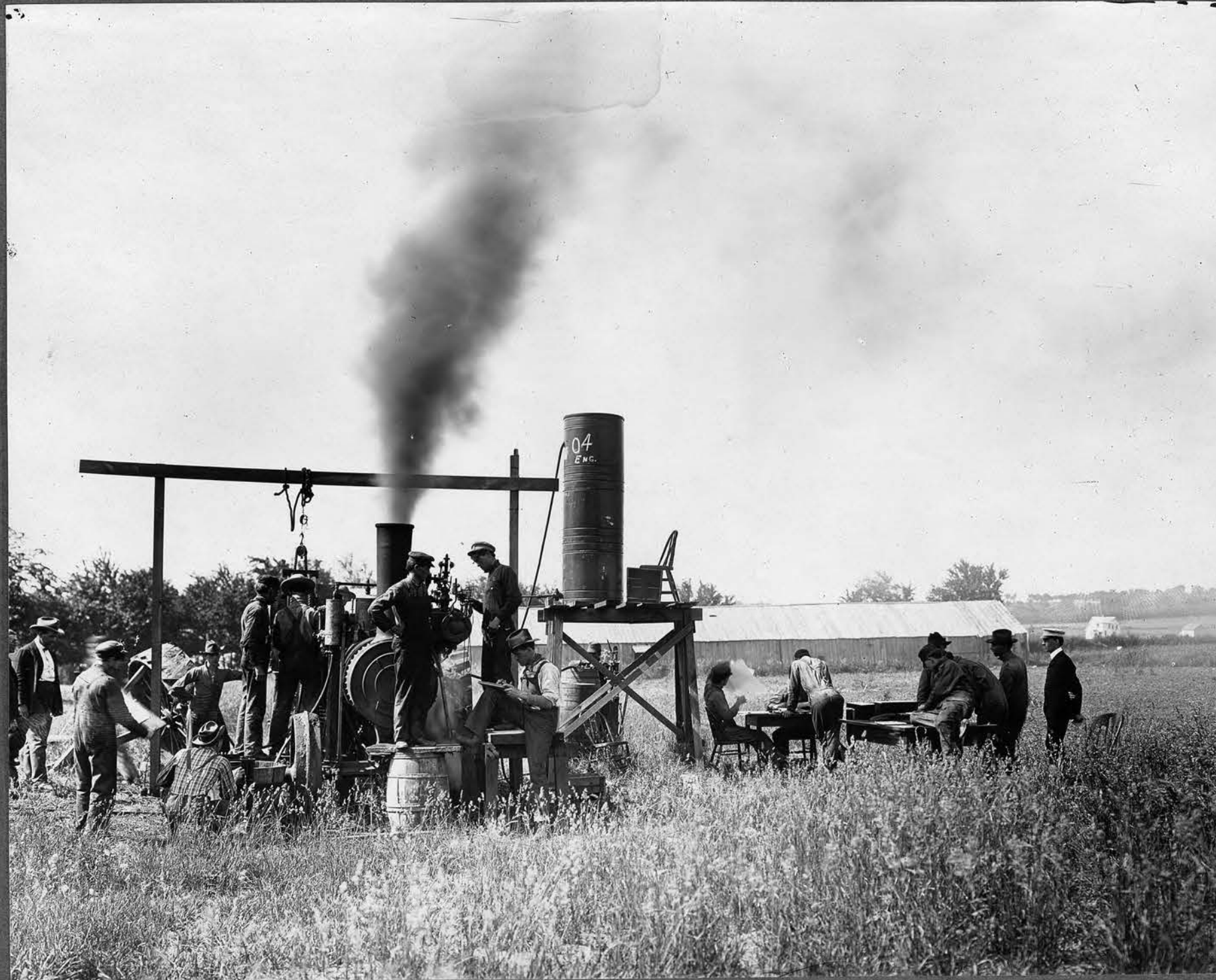
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 568

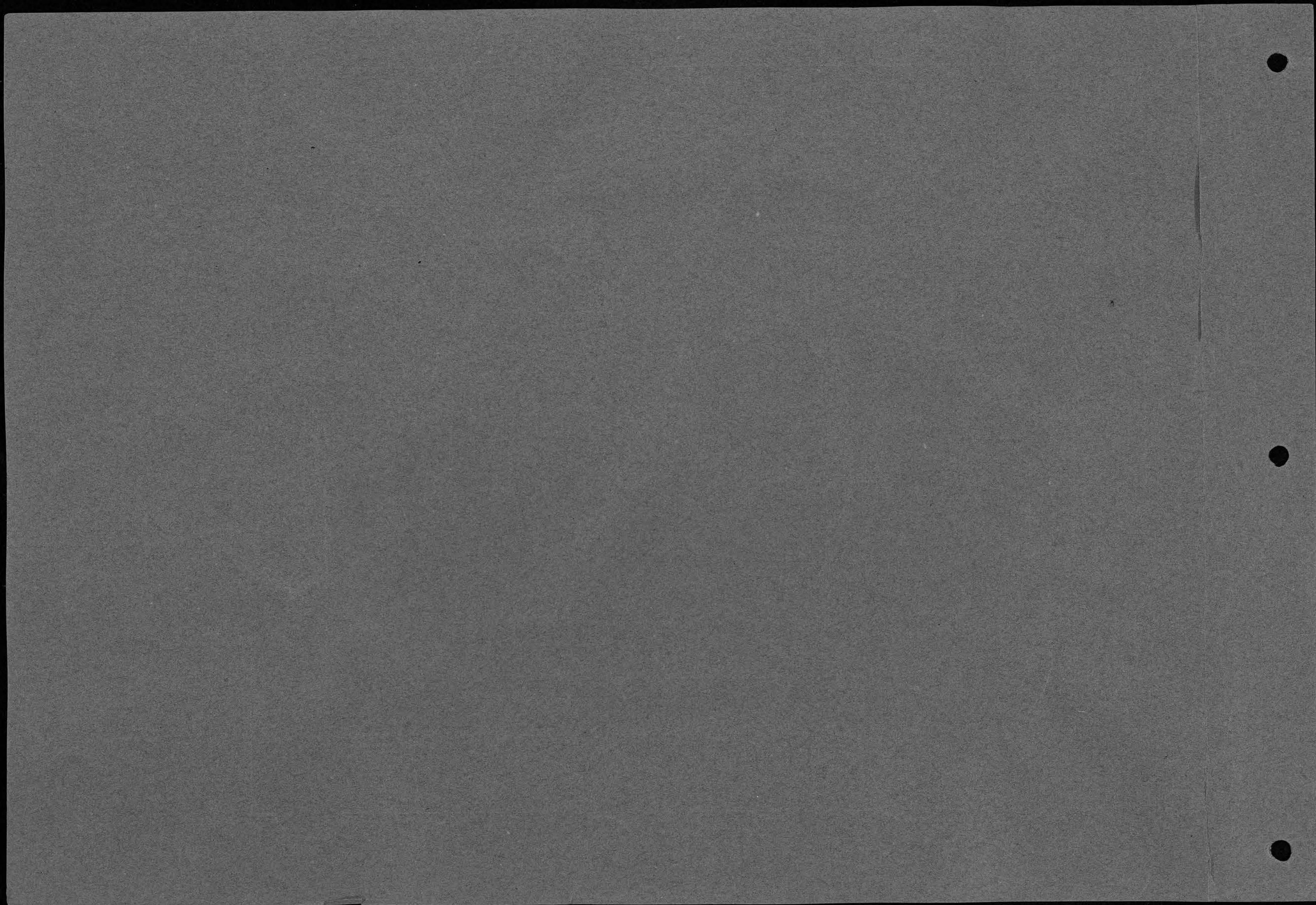
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

*MECHANICAL ENGR.
BUILDING AND TRACTION
ENGINES.*

PLACE _____

DATE _____ } A.M.
P.M.

PLATE _____ } RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS _____
BACK _____ FOCUS _____

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. *514*

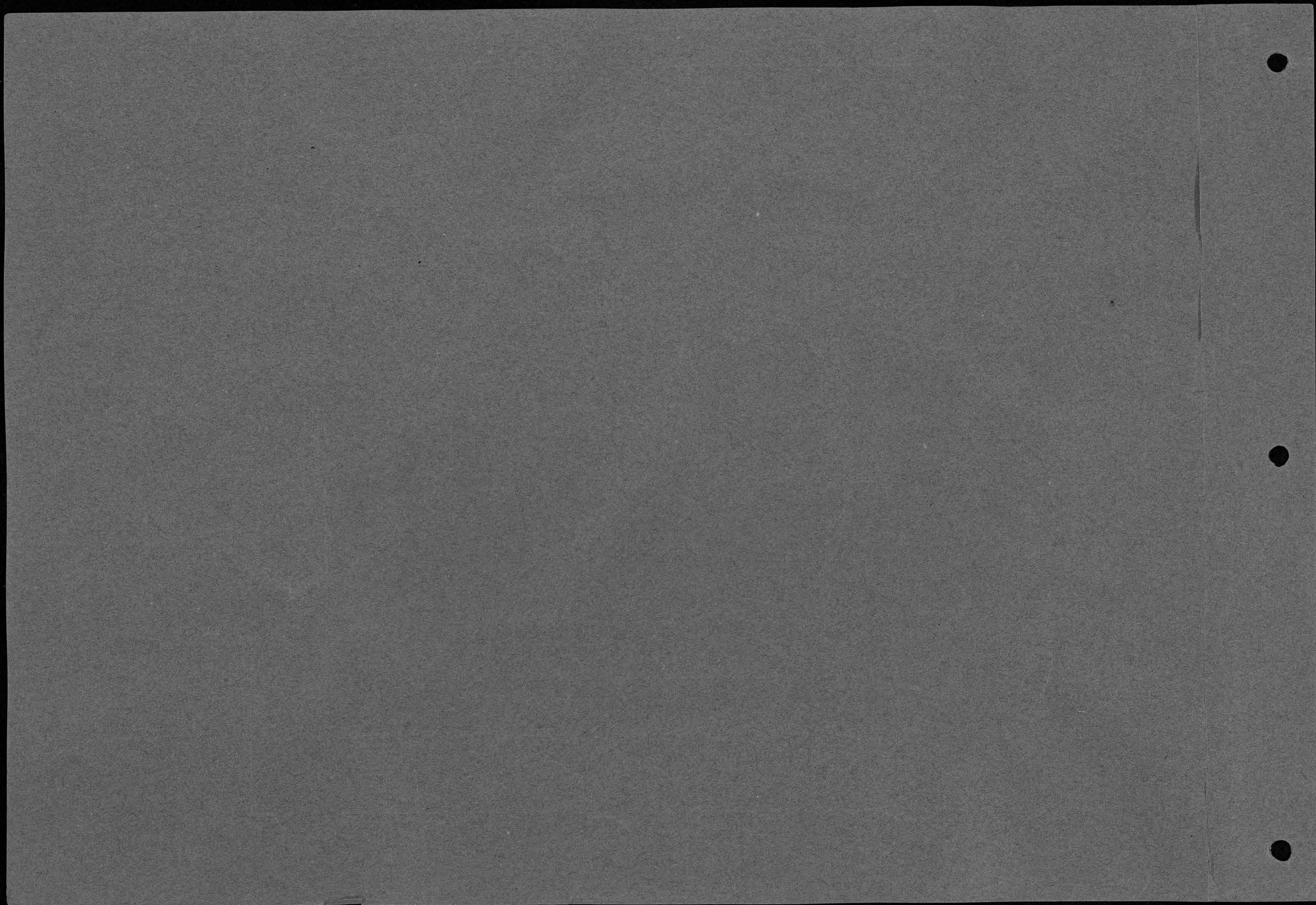
LOCATION _____

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

*AYERY ROLLER HAULING
STEAM SHOVEL PARTS*

PLACE *K.S.A.C.*

DATE A.M.
..... P.M.

PLATE RAY FILTER
..... BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. *533*

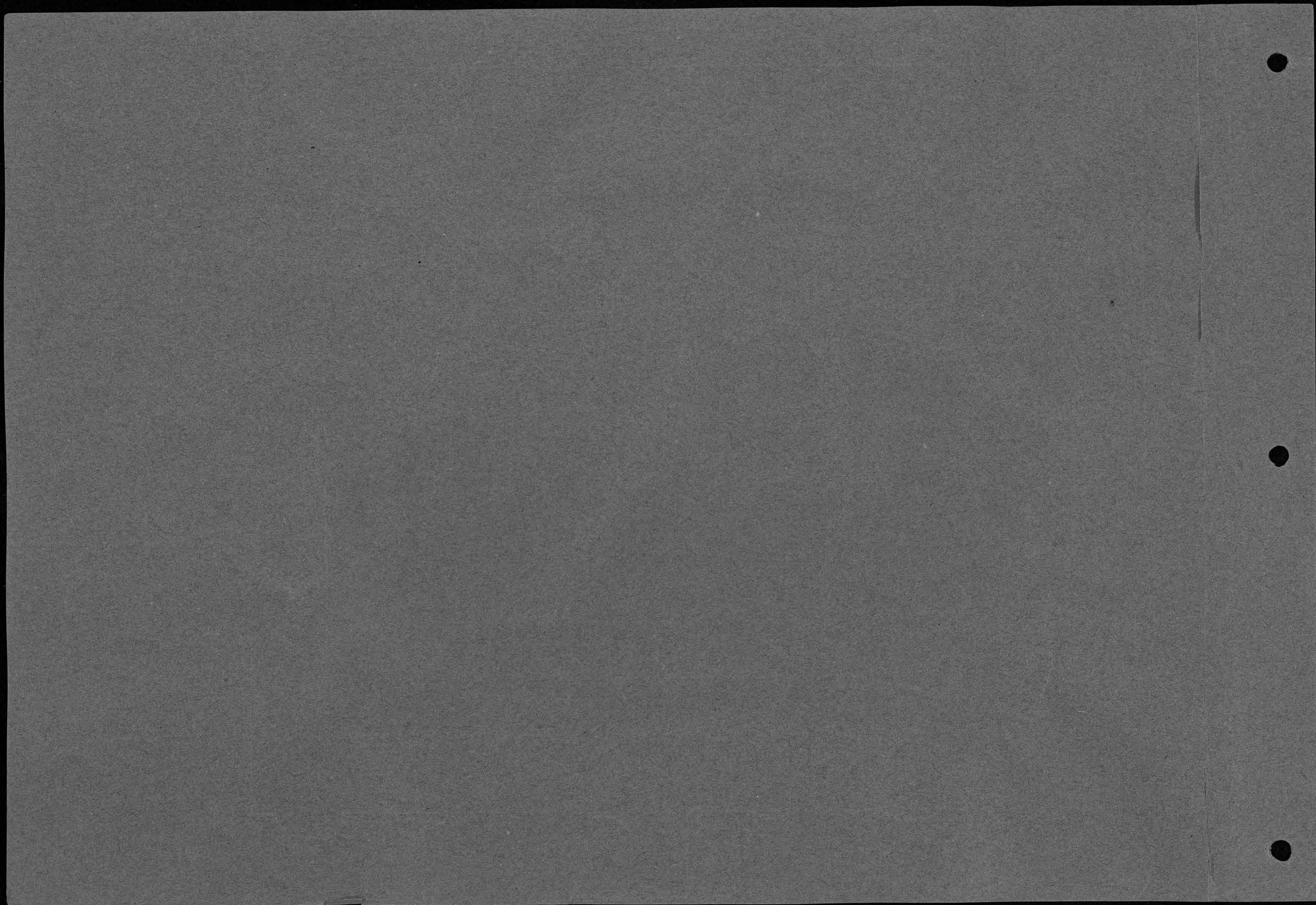
LOCATION *K.S.A.C.*

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

GAS ENGINE INSTITUTE.

PLACE *K.S.A.C.*

DATE *DEC. 1910.* A.M. P.M.

PLATE *11* RAY FILTER BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F. U. S.

LENS { DOUBLE BACK FOCUS FOCUS

CONDITIONS:

☒ EXTERIOR ☐ INTERIOR

☒ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☒ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE NO. *599*

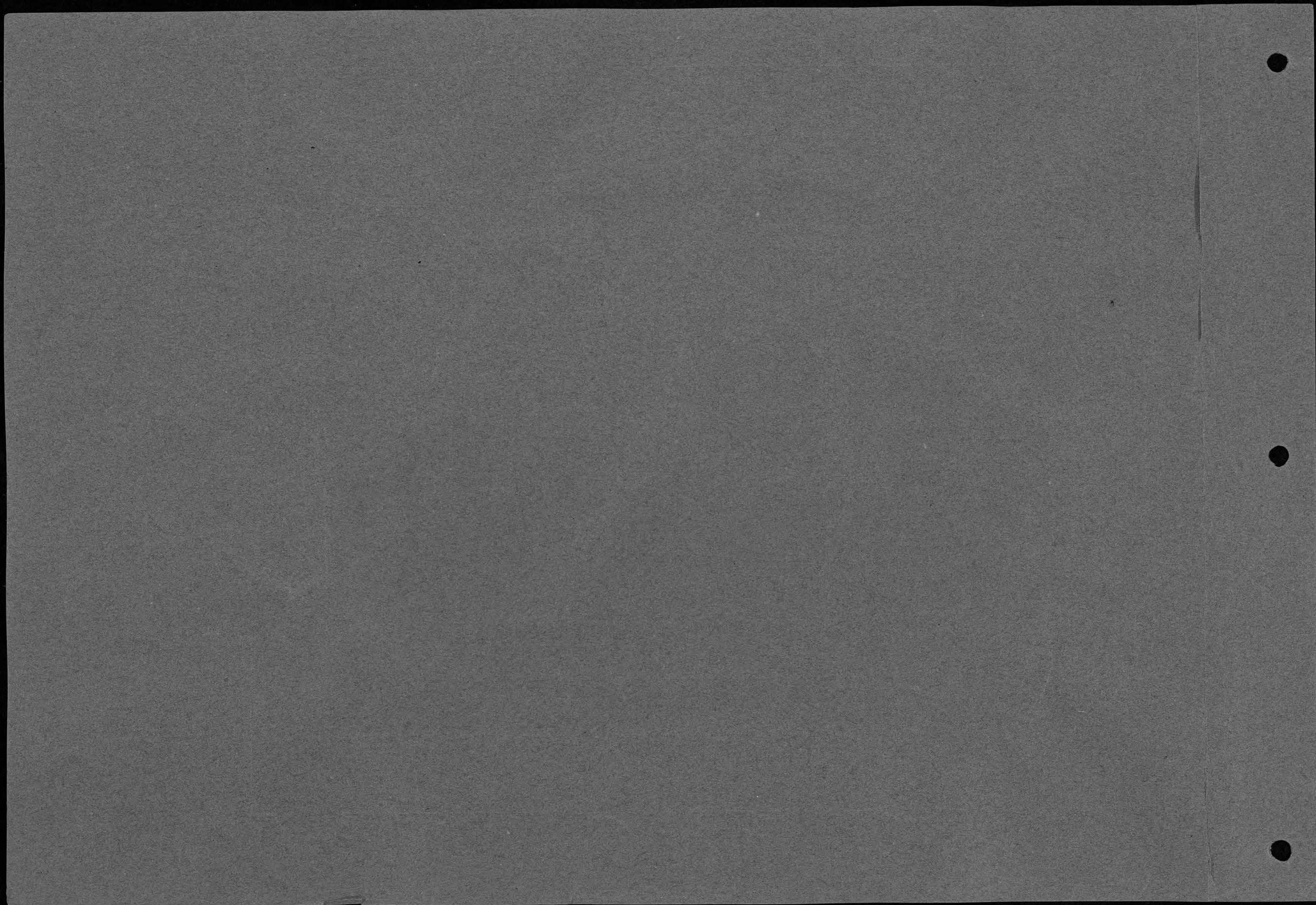
LOCATION *K.S.A.C.*

FILE.....

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

HOUSE MOVING

PLACE K.S.A.C.

DATE MAR 22, 1911 { _____ A.M.
_____ P.M.

PLATE _____ { RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS _____
BACK _____ FOCUS _____

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. 523

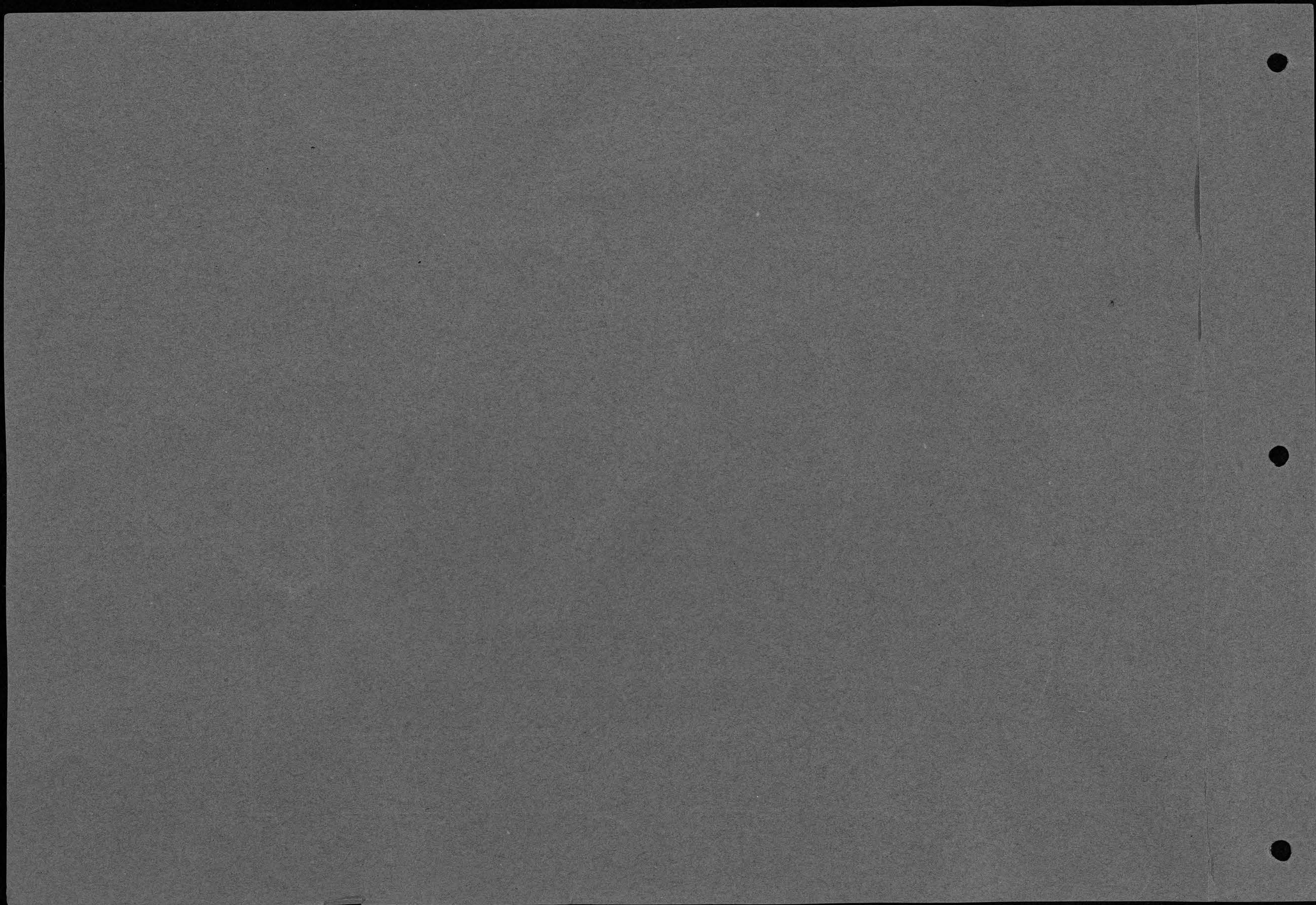
LOCATION _____

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

CASE STEAM ROLLER
MOVING HIGH PRESSURE
BOILER

PLACE JULIETTE AVE

DATE NOV. 15, 1912 } A.M.
P.M.

PLATE _____ RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS _____
BACK _____ FOCUS _____

CONDITIONS:

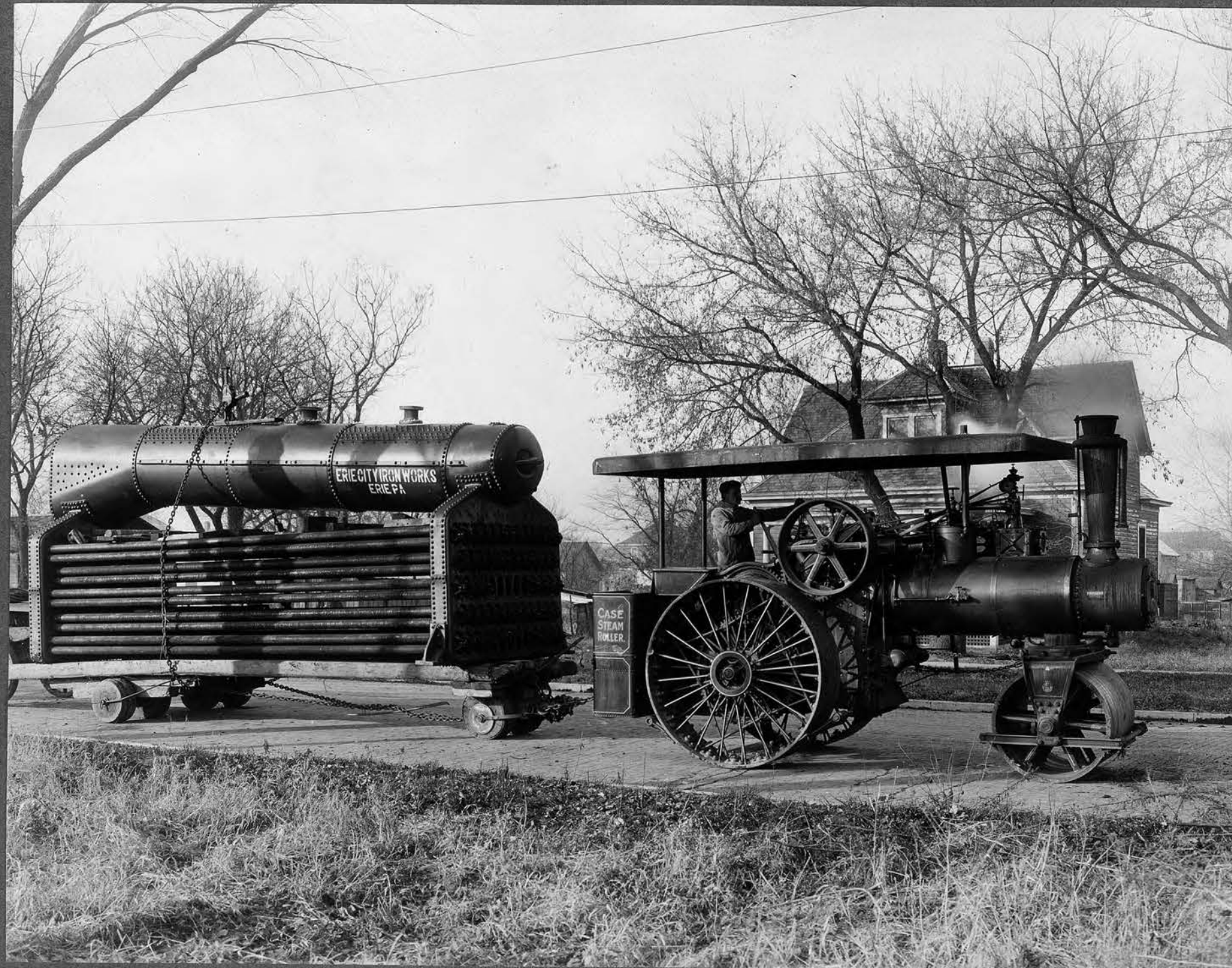
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. 519

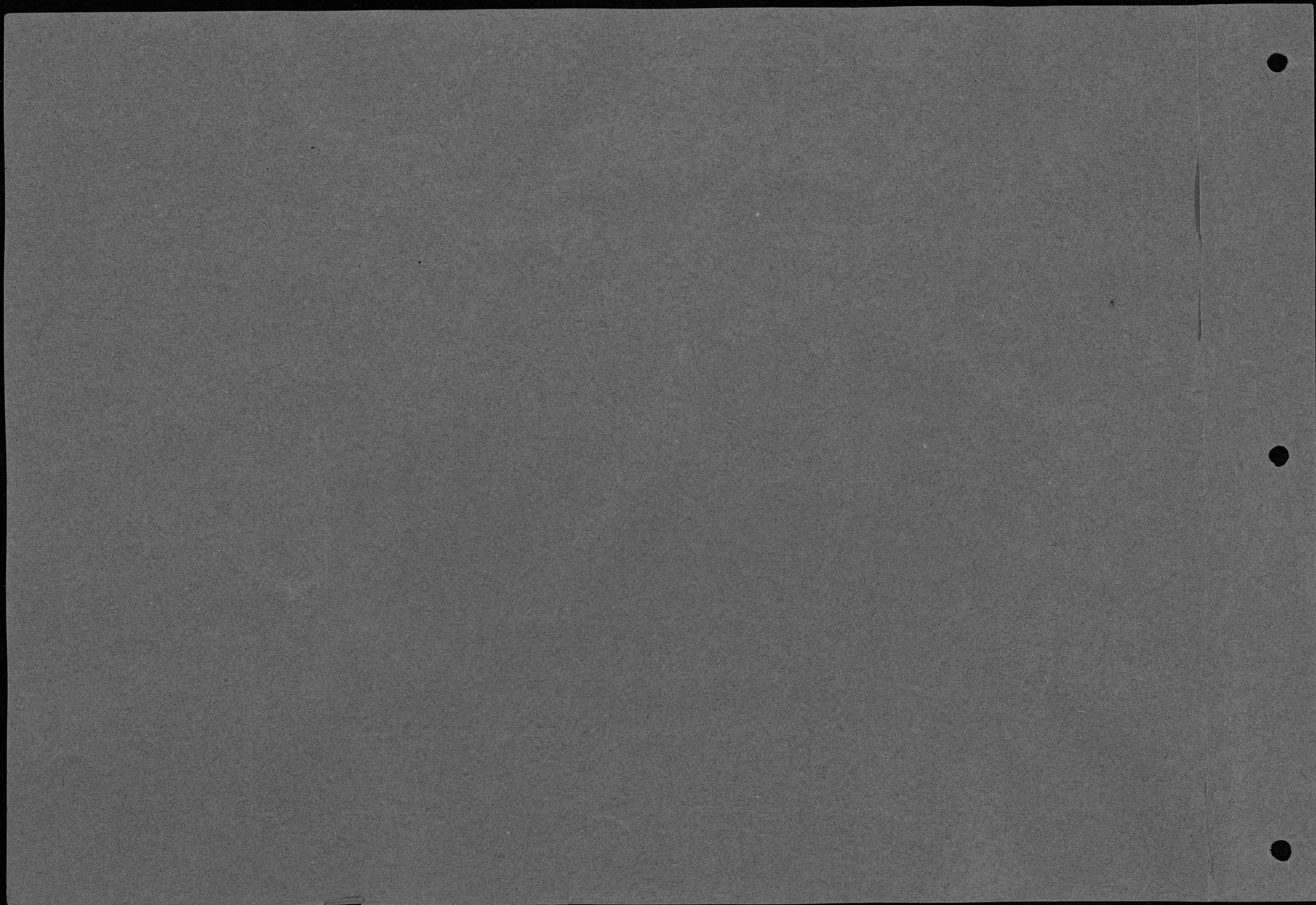
LOCATION _____

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

HART PARR LECTURE

GAS ENGINE INSTITUTE

PLACE *K.S.A.C.*

DATE *DEC. 1, 1910* } A.M.
P.M.

PLATE..... } RAY FILTER
BACKED

ACTINOMETER TIME..... M..... S.

LENGTH EXPOSURE..... M..... S.

STOP { F.....
U. S.....

LENS { DOUBLE..... FOCUS
BACK..... FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. *VS 95*

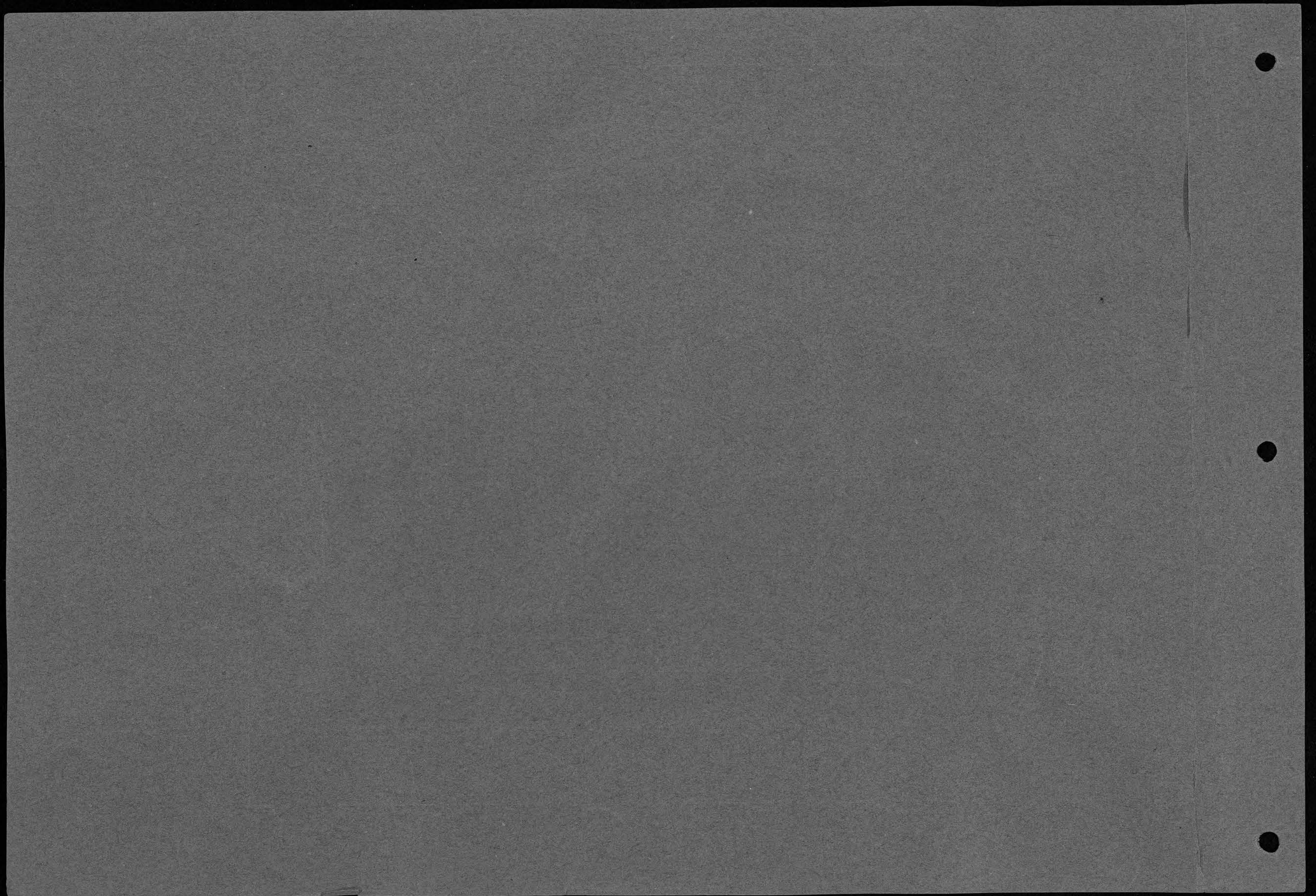
LOCATION *K.S.A.C.*

FILE.....

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

*GAS TRACTOR LECTURE
AT GAS ENGINE INSTITUTE*

PLACE *K.S.A.C.*

DATE *DEC. 1910* } A.M.
P.M.

PLATE } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☒ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. *596*

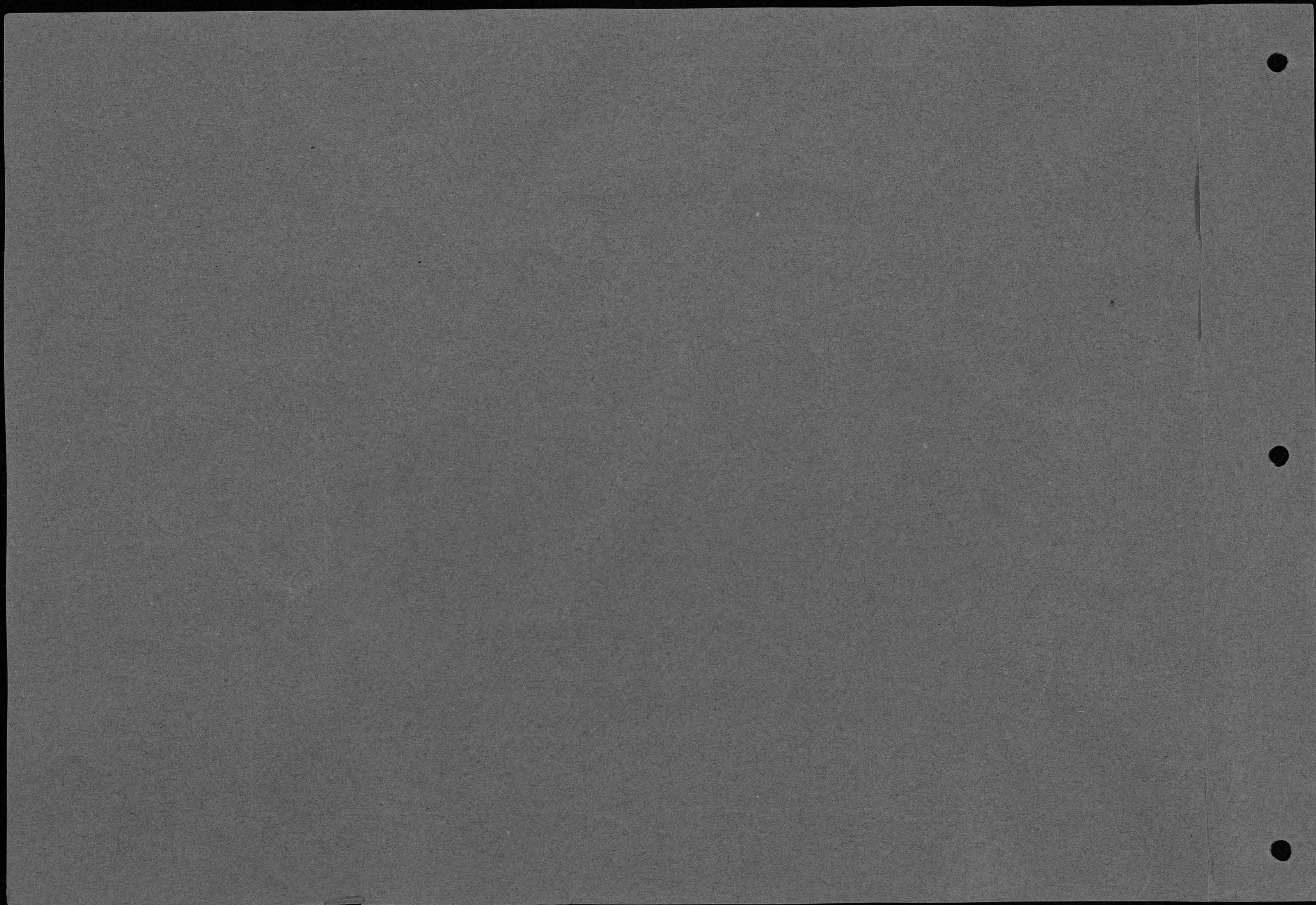
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

GAS ENG. INSTITUTE DEC. 1910
"RUMELY" TRACTOR AND
REPRESENTATIVE

PLACE LABORATORY E 7

DATE 12/29/10 { 11:00 A.M.
P.M.

PLATE SEED 27x { RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE 1 M. 10 S.

STOP { F. 16
U. S. 16

LENS { DOUBLE #4 FOCUS 8 1/2"
BACK FOCUS

CONDITIONS:

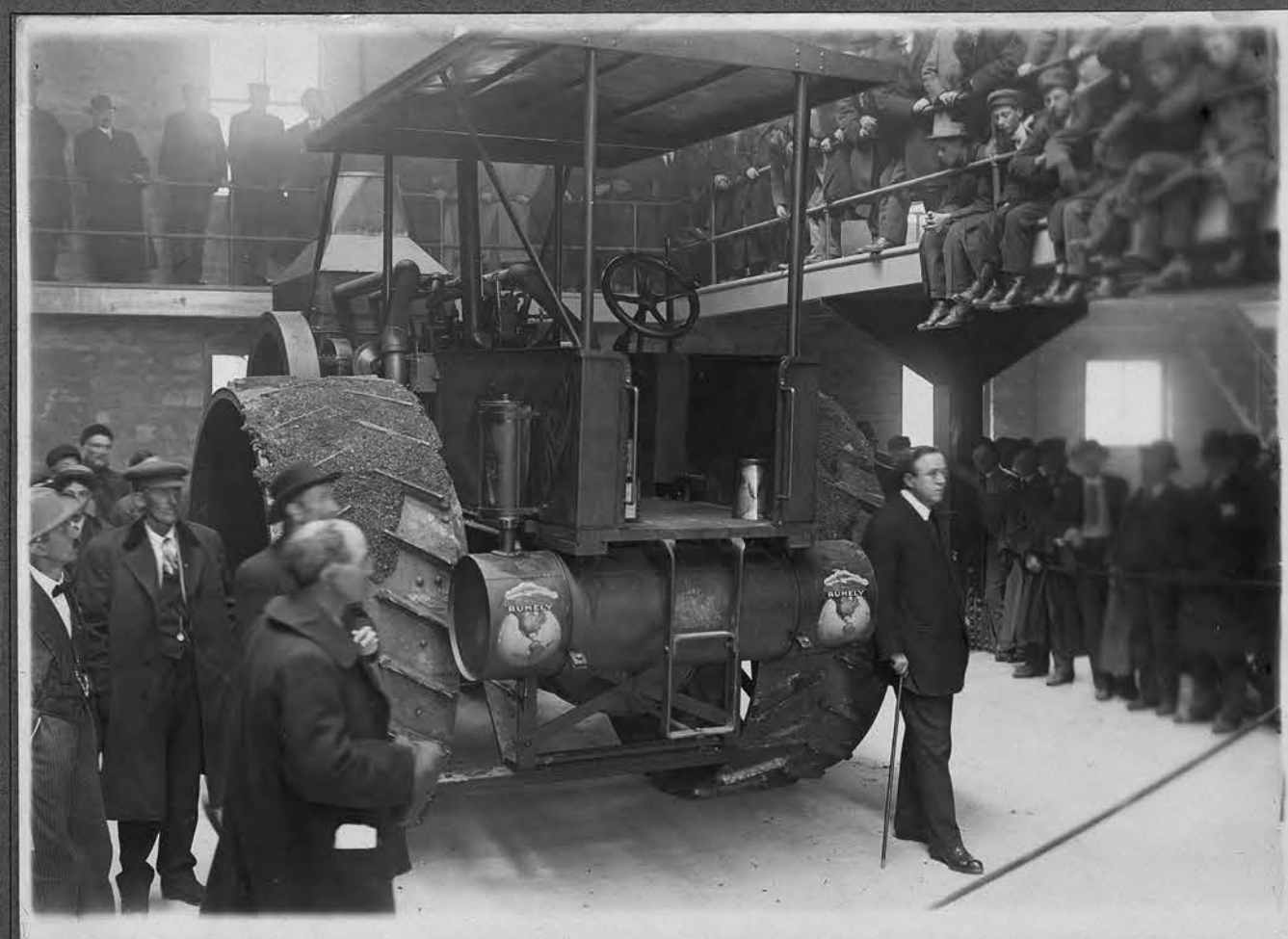
- ☐ EXTERIOR ☒ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☒ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. U-9

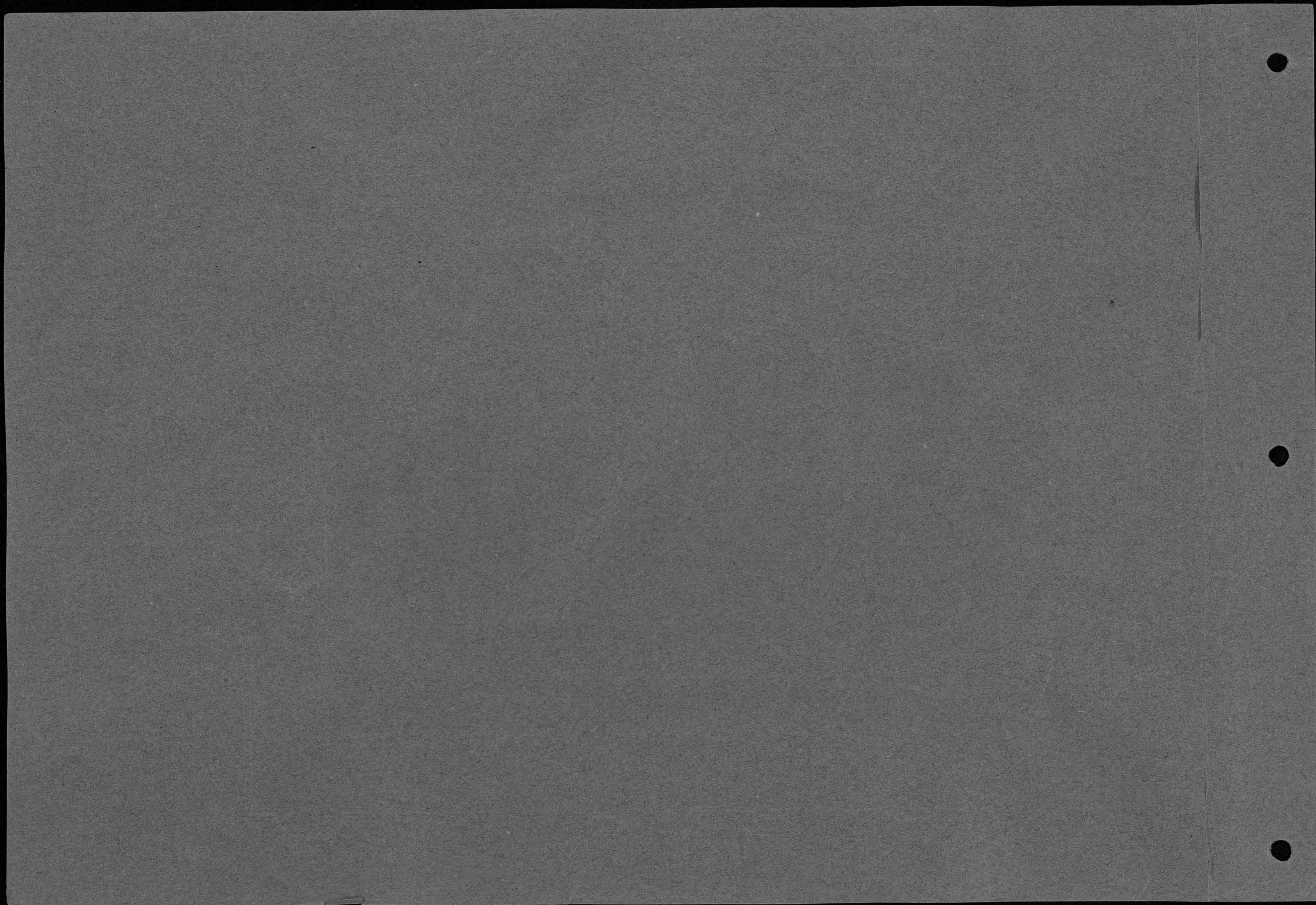
LOCATION H. S. A. C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

GAS. ENG. INSTITUTE DEC. 1910
"HART-PARR" TRACTOR AND
REPRESENTATIVE.....

PLACE LABORATOR F-7

DATE 12/30/10 10:45 A.M.
P.M.

PLATE SEED 27x RAY FILTER
BACKED

ACTINOMETER TIME..... M..... S.

LENGTH EXPOSURE 1 M. 45 S.

STOP { F. 16
U. S. 16

LENS { DOUBLE #4 FOCUS 8 1/2"
BACK..... FOCUS.....

CONDITIONS:

- ☐ EXTERIOR ☒ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☒ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. U-11

LOCATION K. S. A. C.

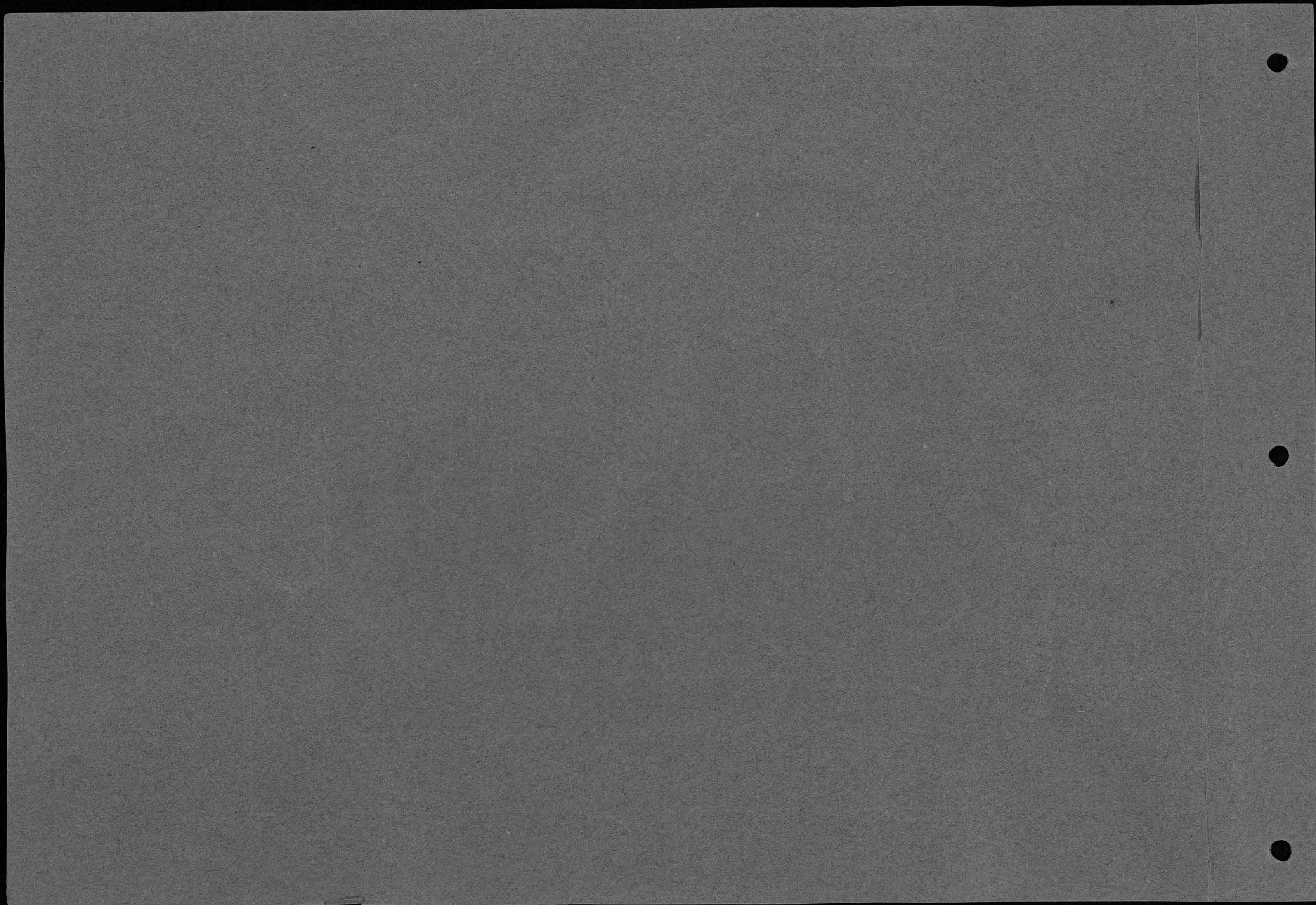
FILE.....

PHOTOGRAPHER

Howard W. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

GAS ENG. INSTITUTE LECTURE
DEC. 1910 BY REPRESENTATIVE
B.F. GOODRICH TIRE CO.

PLACE AMPHITHEATER E-34

DATE 12/28/10 } A.M.
P.M.

PLATE SEED 27X } RAY FILTER
BACKED

ACTINOMETER TIME..... M..... S.

LENGTH EXPOSURE..... M..... S.

STOP { F. 7.7
U. S.

LENS { DOUBLE 7 FOCUS 6 3/16"
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☒ INTERIOR
☐ DAYLIGHT ☒ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

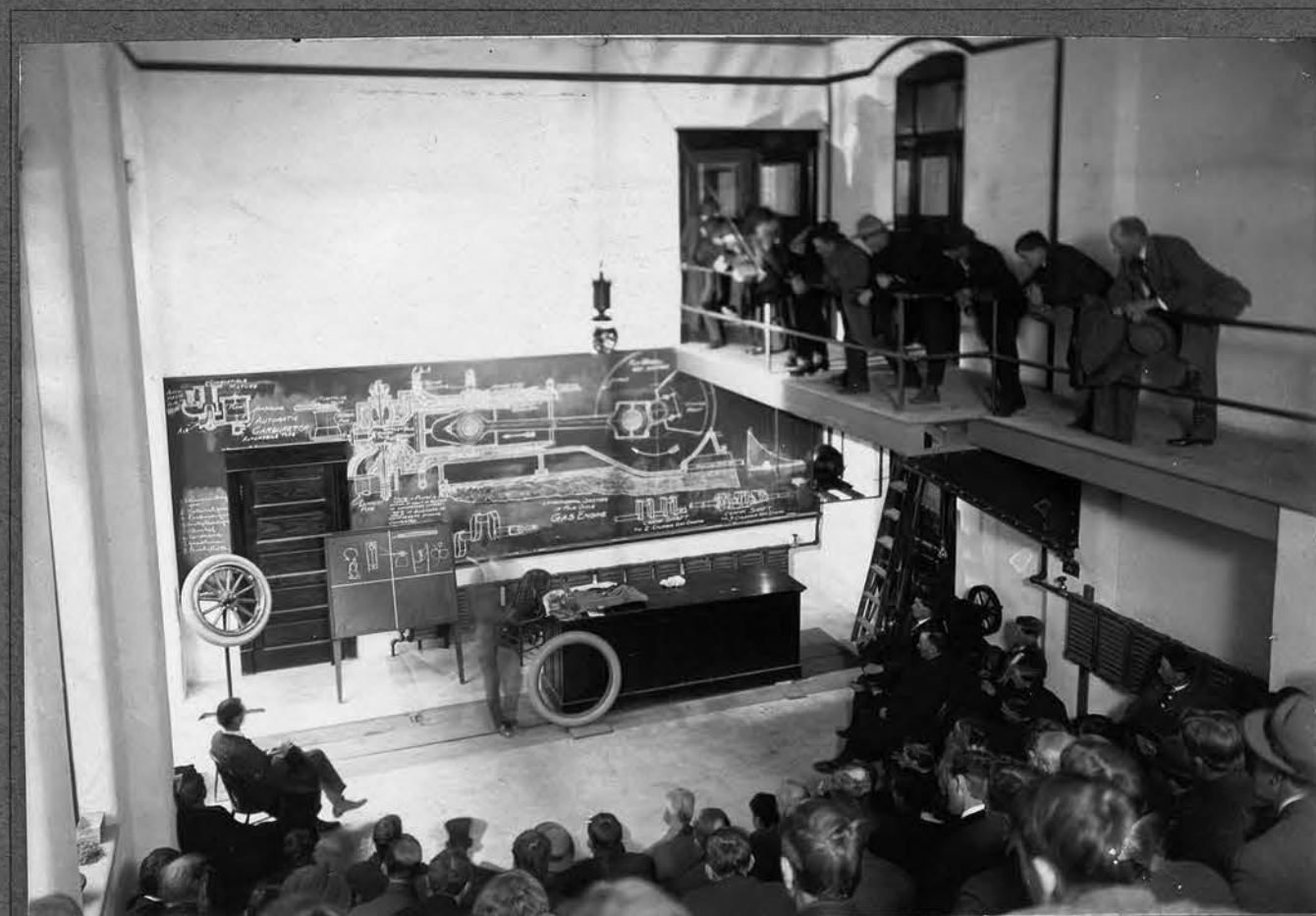
NEGATIVE No. U-6

LOCATION K.S.A.C.

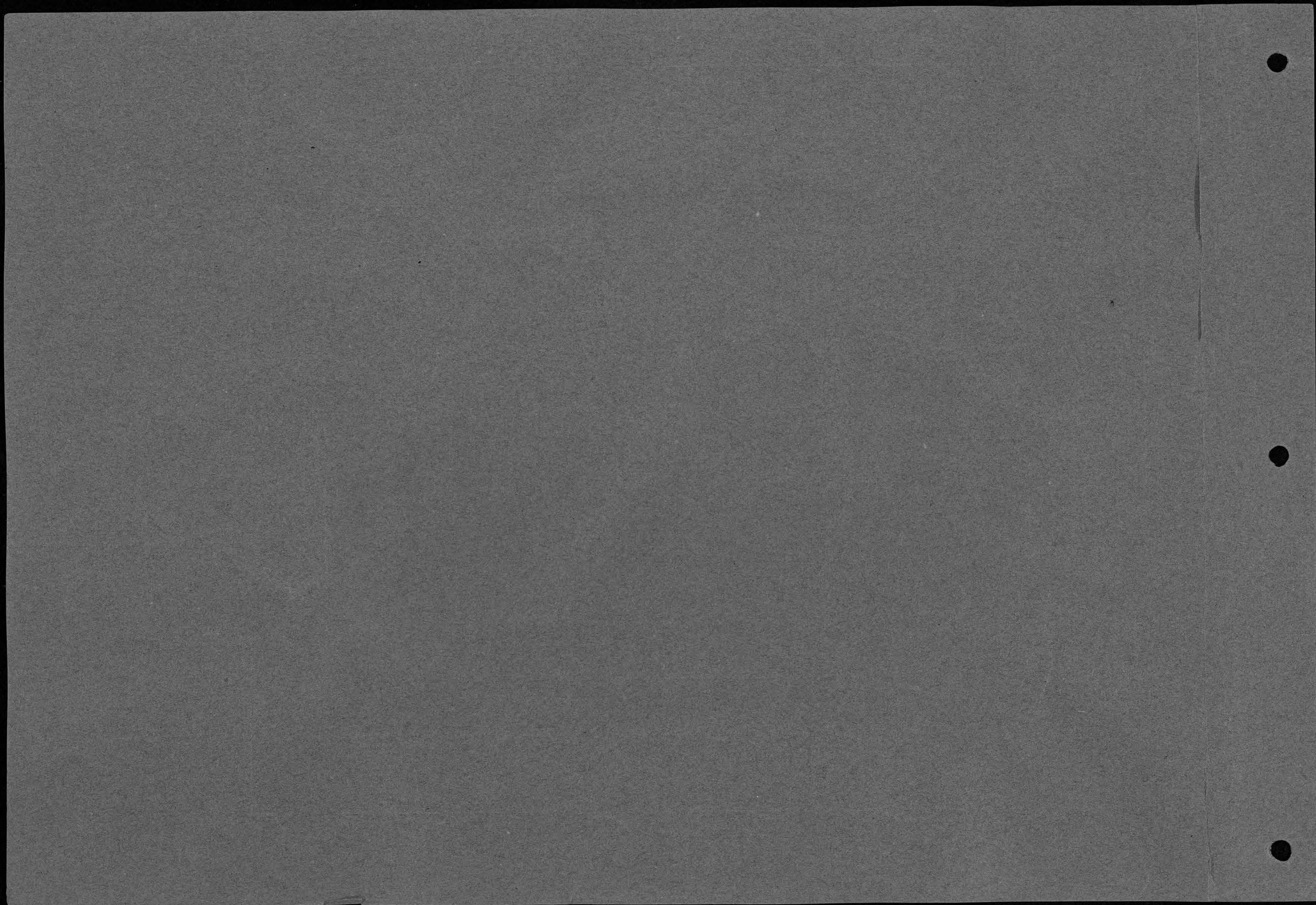
FILE.....

PHOTOGRAPHER

Harold M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

GAS. ENG. INSTITUTE DEC. 1910
CHASSIS OF "RAMBLER" AUTO-
MOBILE - CECIL G. ANDERSON
REP.....

PLACE AMPHITHEATER E-34

DATE 12/28/10 } A.M.
P.M.

PLATE SEED 27X } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F. 11.3
U. S. 8

LENS { DOUBLE #7 FOCUS 6 3/16"
BACK..... FOCUS.....

CONDITIONS:

- ☐ EXTERIOR ☒ INTERIOR
☐ DAYLIGHT ☒ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

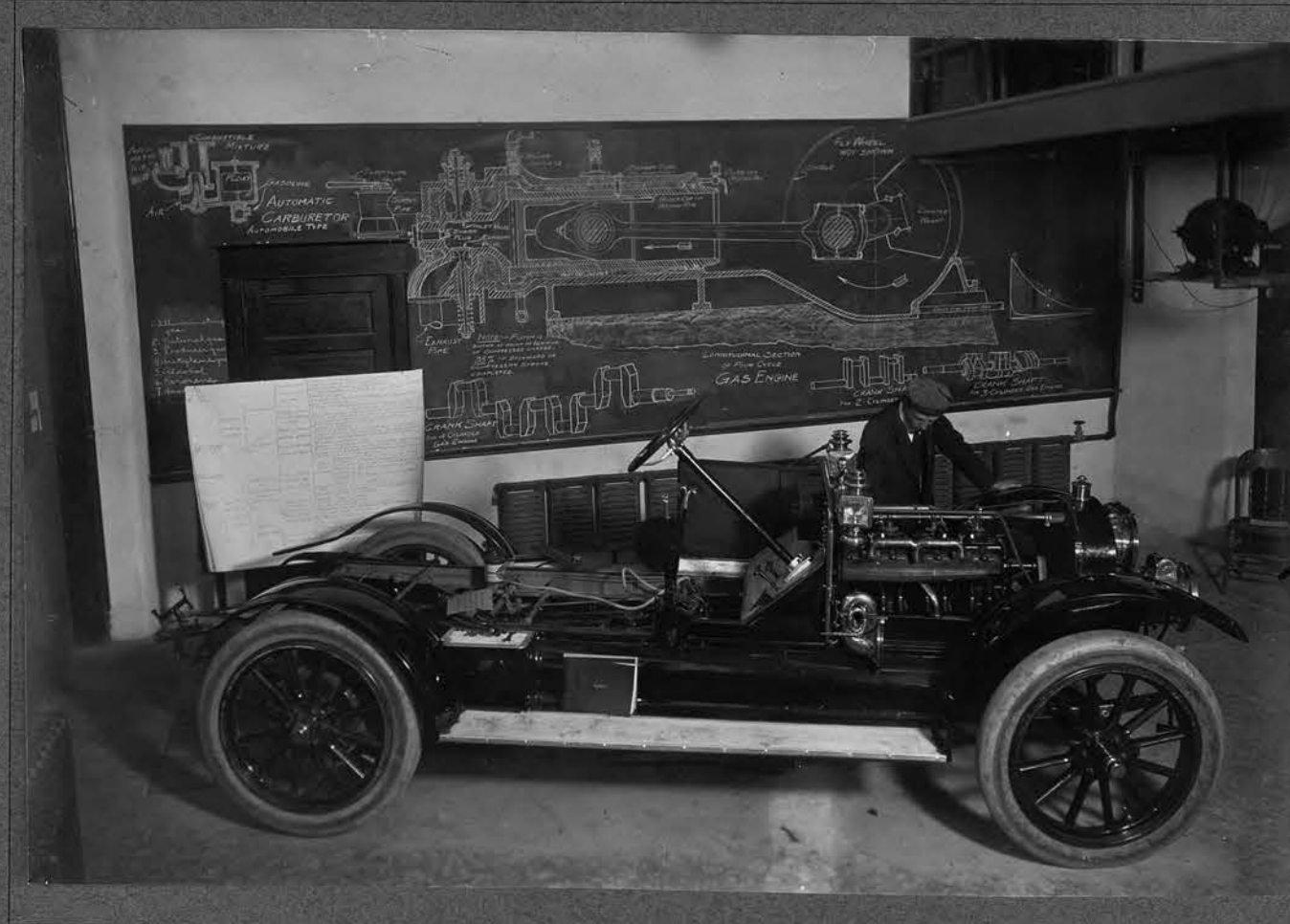
NEGATIVE No. U-13

LOCATION H.S.A.C.

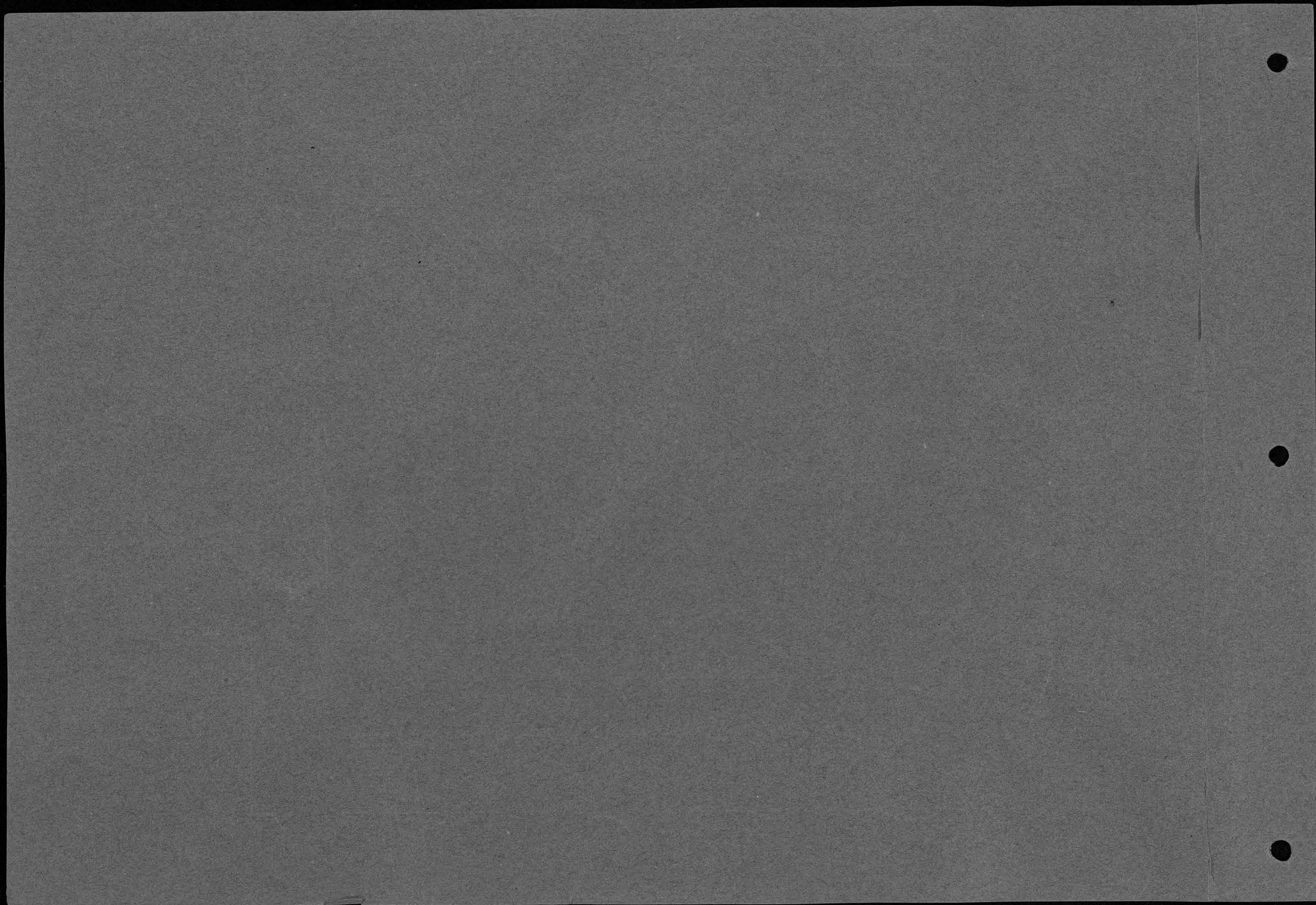
FILE

PHOTOGRAPHER

Howard M. Anderson



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

CROSS SECTION OF GAS
ENGINE - FROM DRAWING FOR
GAS ENGINE INSTITUTE.

PLACE _____

DATE _____ } A.M.
P.M.

PLATE _____ } RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS
BACK _____ FOCUS

CONDITIONS:

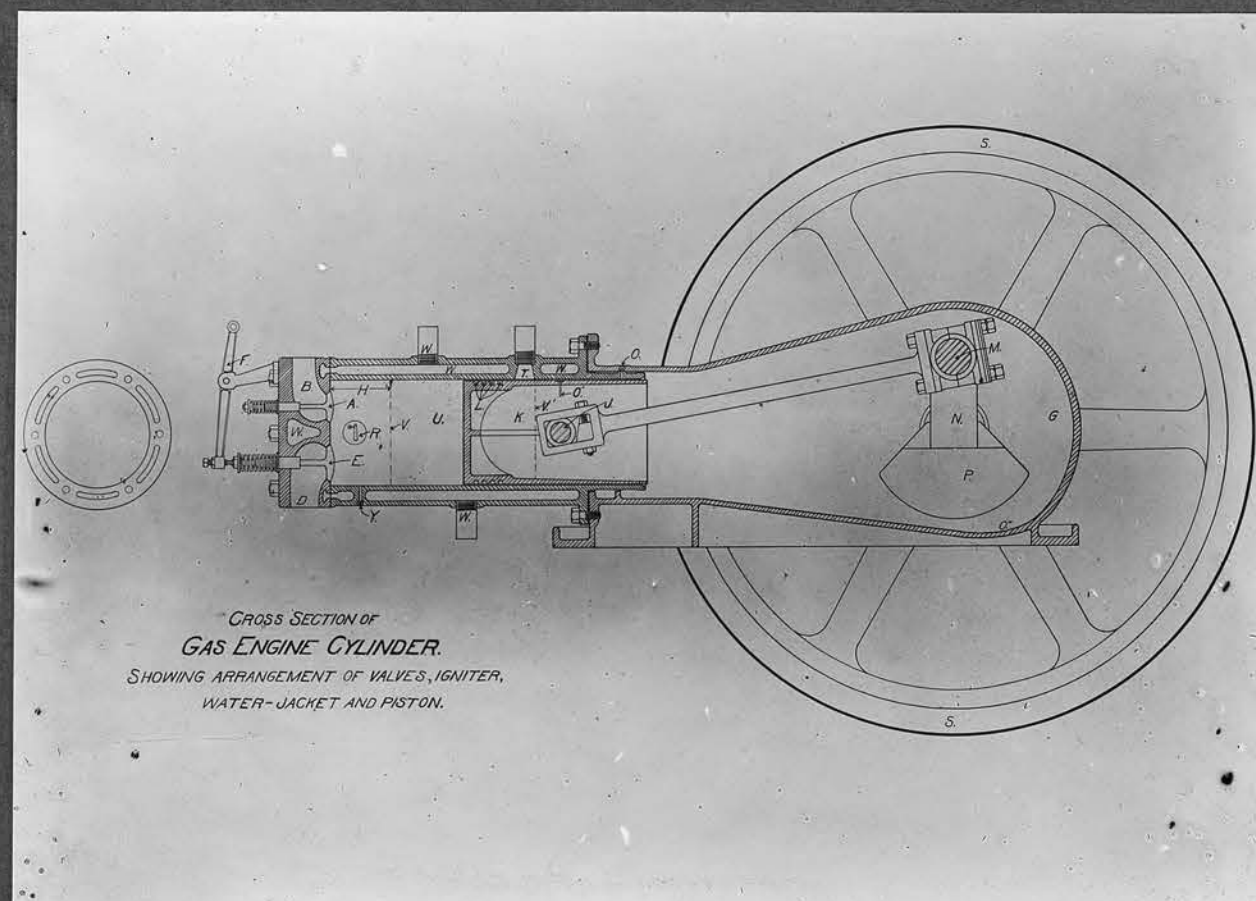
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. U-24

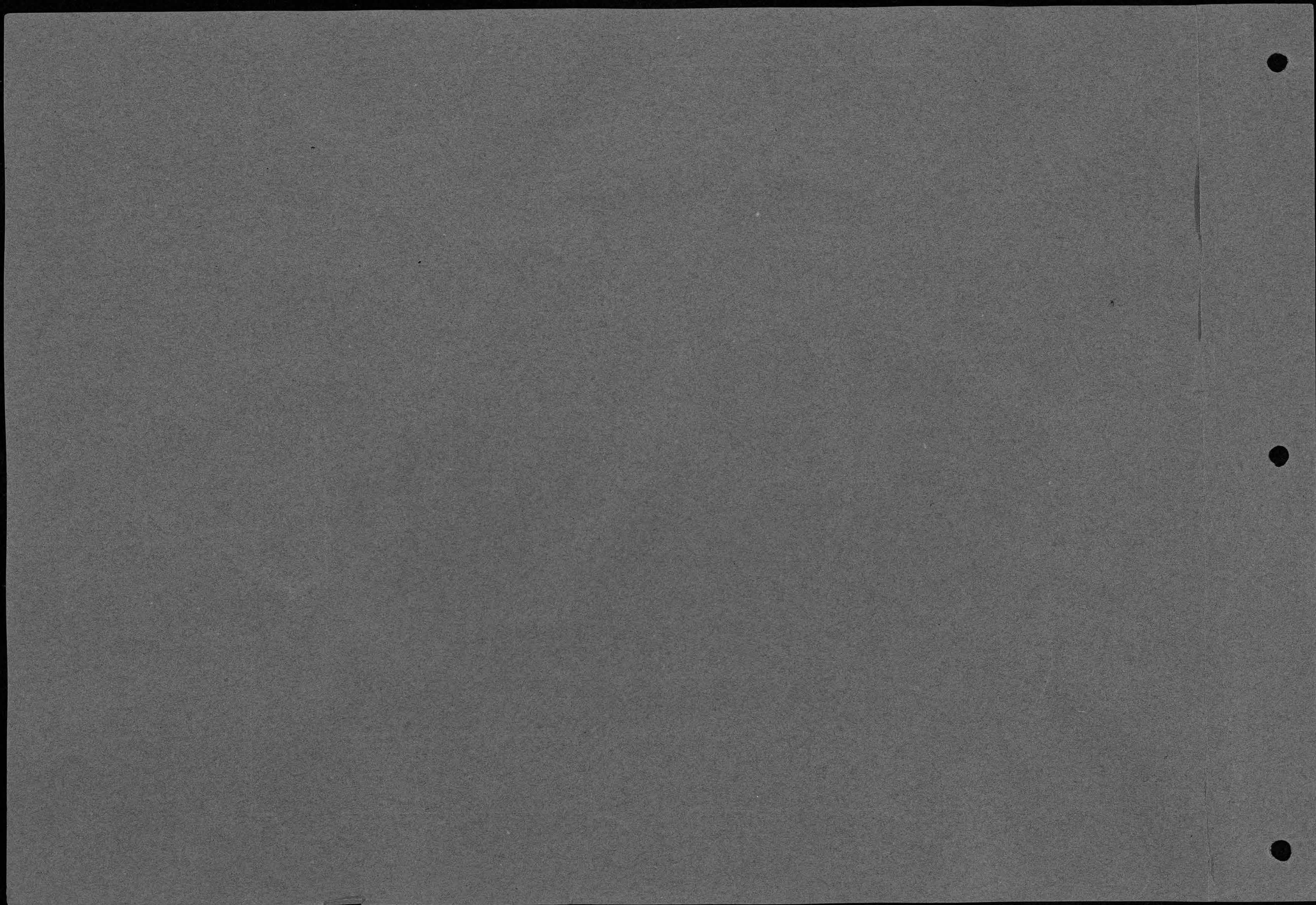
LOCATION K.S.A.C.

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

ILLUSTRATIONS FOR
GAS ENG. INSTITUTE

DEC. 1910

AMPHITHEATER E 34

PLACE H.S.A.C.

DATE MAY 2, 1911 { 10:00 A.M.
P.M.

PLATE SEED 27X { RAY FILTER
BACKED

ACTINOMETER TIME 40 M. S.

LENGTH EXPOSURE 20 M. 30 S.

STOP { F. 7.7
U. S.

LENS { DOUBLE #7 FOCUS 6 3/16"
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☒ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☒ CLOUDY, DULL

NEGATIVE No. U-7

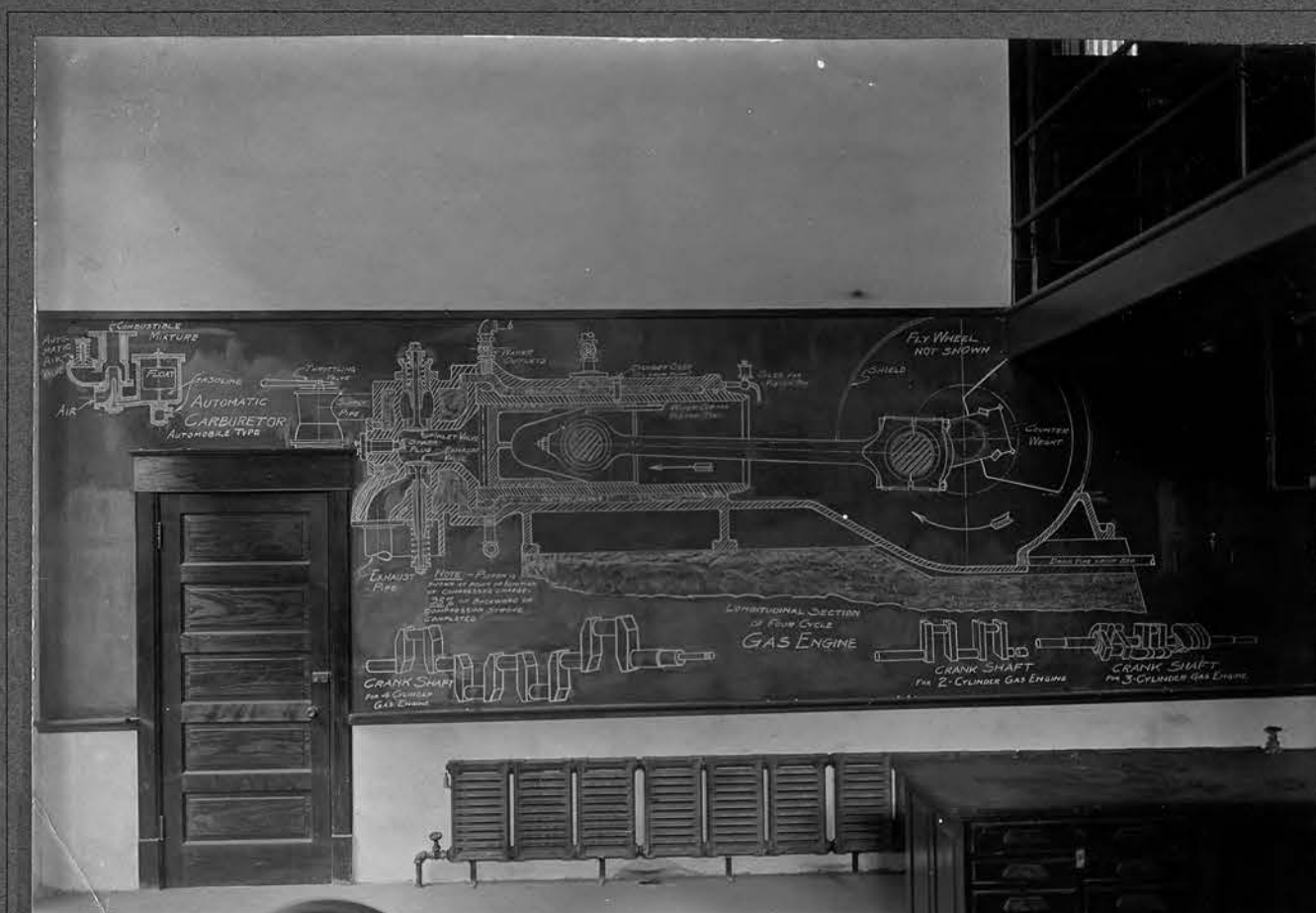
LOCATION H.S.A.C.

FILE.....

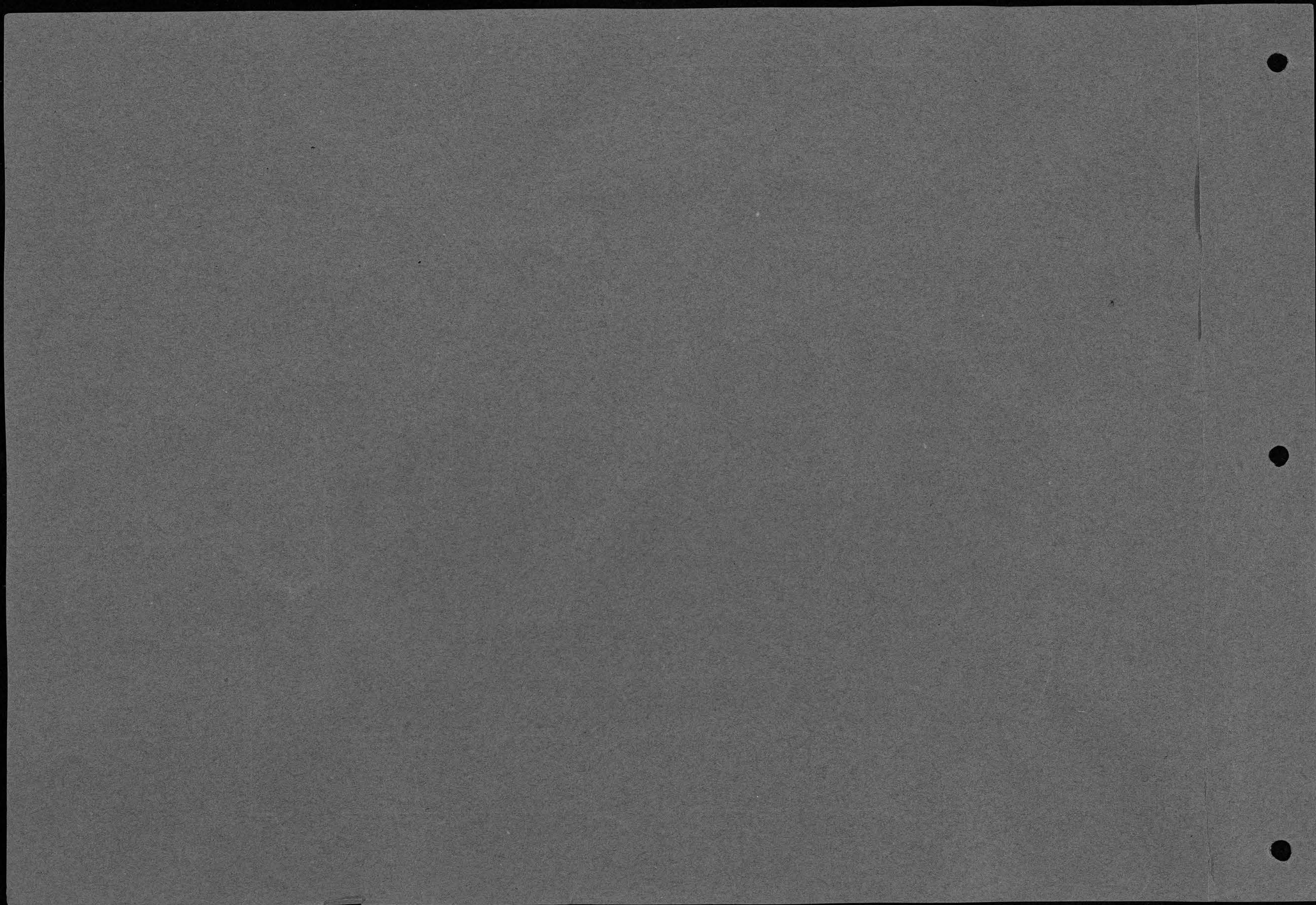
PHOTOGRAPHER

Howard M. Chandler

Out



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

AMPHITHEATER F-34

PLACE K.S.A.C.

DATE May 22, 1911 } A.M.
2:10 P.M.

PLATE SEED 30X } RAY FILTER
BACKED

ACTINOMETER TIME 6 M. S.

LENGTH EXPOSURE M. 30 S.

STOP F.
U. S. 12

LENS } DOUBLE #7 FOCUS 6 3/16"
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☒ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☒ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. U-29

LOCATION K.S.A.C.

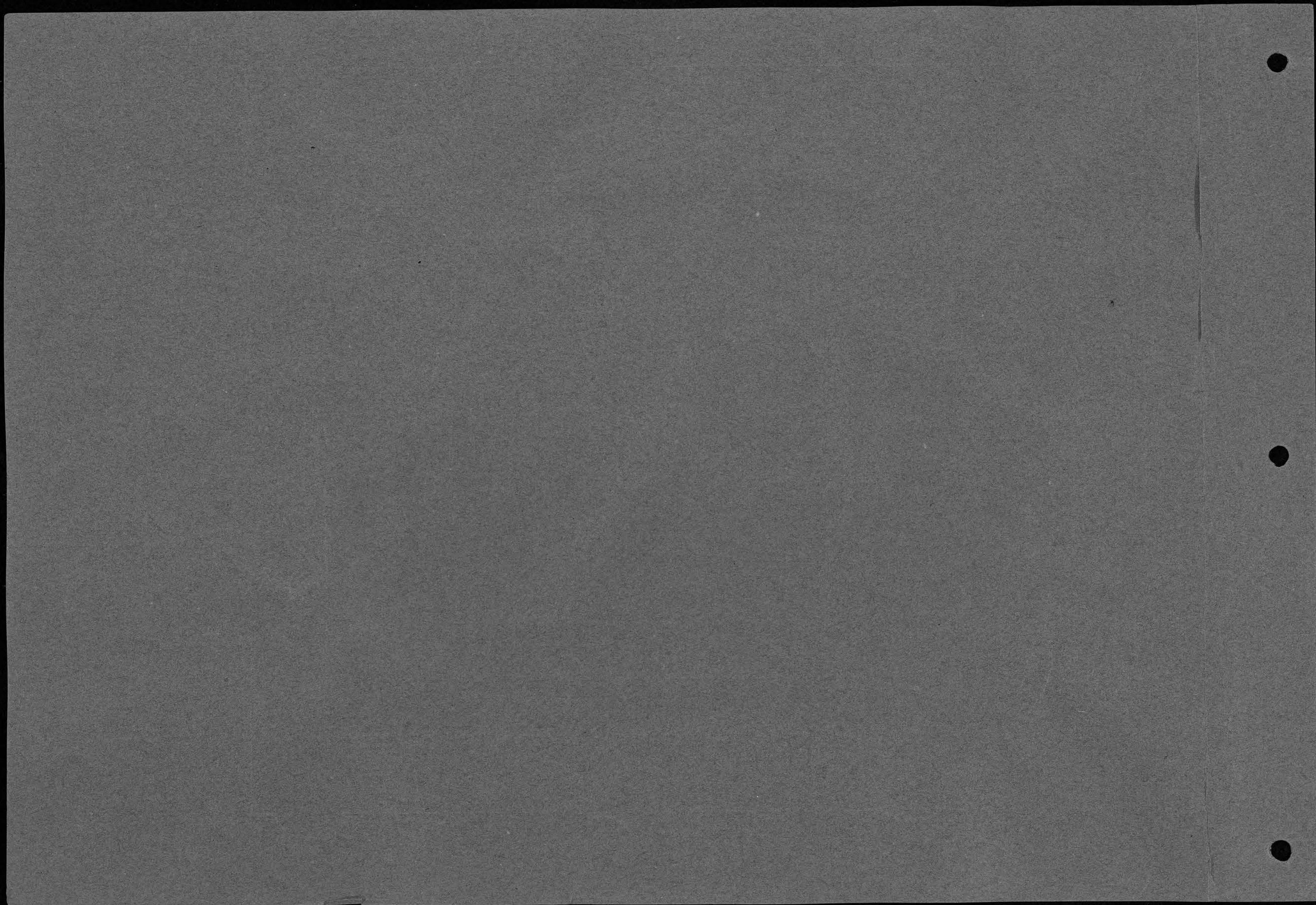
FILE

PHOTOGRAPHER

Howard M. Fowler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

AMPHITHEATER F34

PLACE *K.S.A.C.*

DATE *MAY 23, 1911* } A.M.
P.M.

PLATE _____ } RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS
BACK _____ FOCUS

CONDITIONS:

☐ EXTERIOR ☒ INTERIOR

☒ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

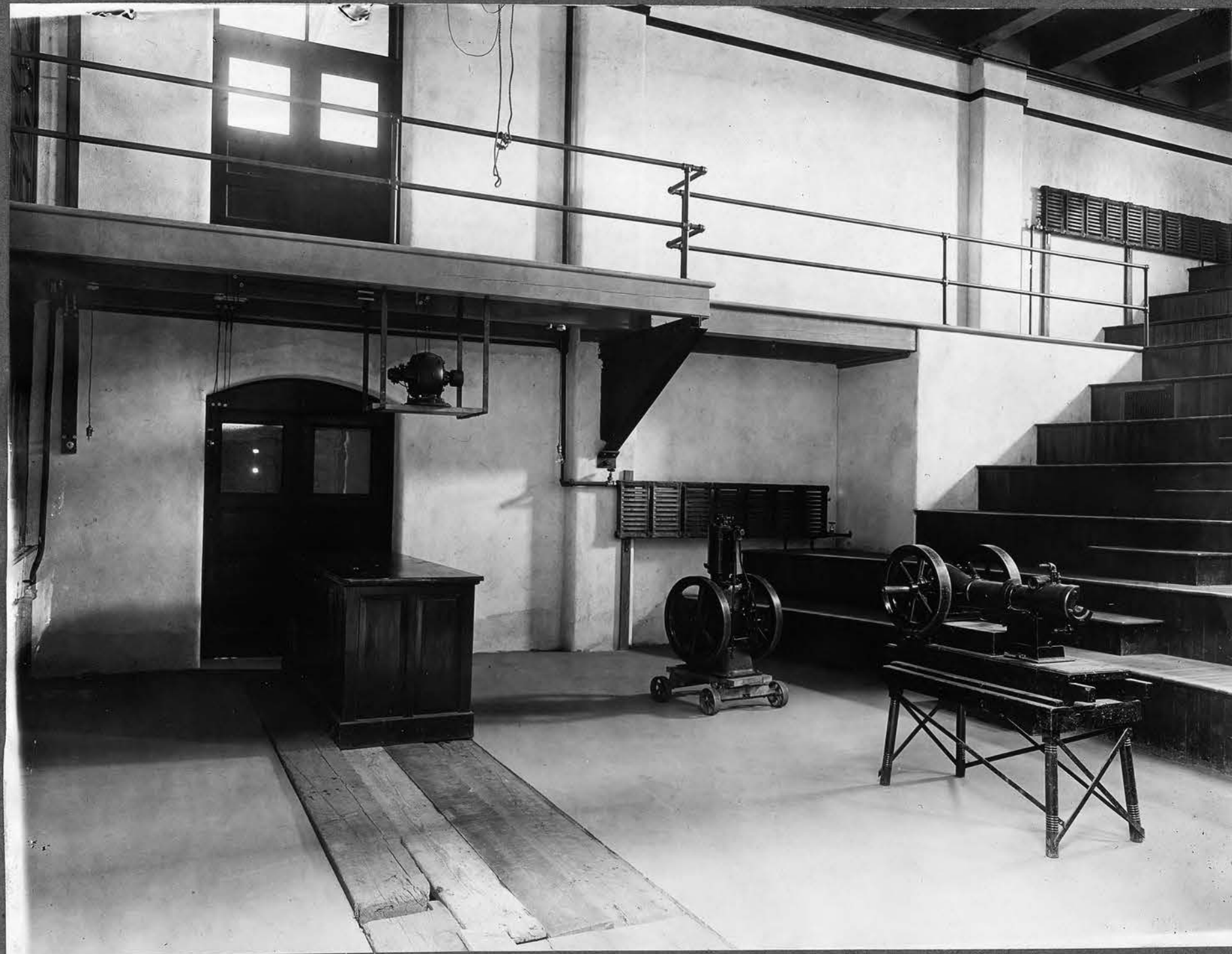
NEGATIVE No. *S-76*

LOCATION _____

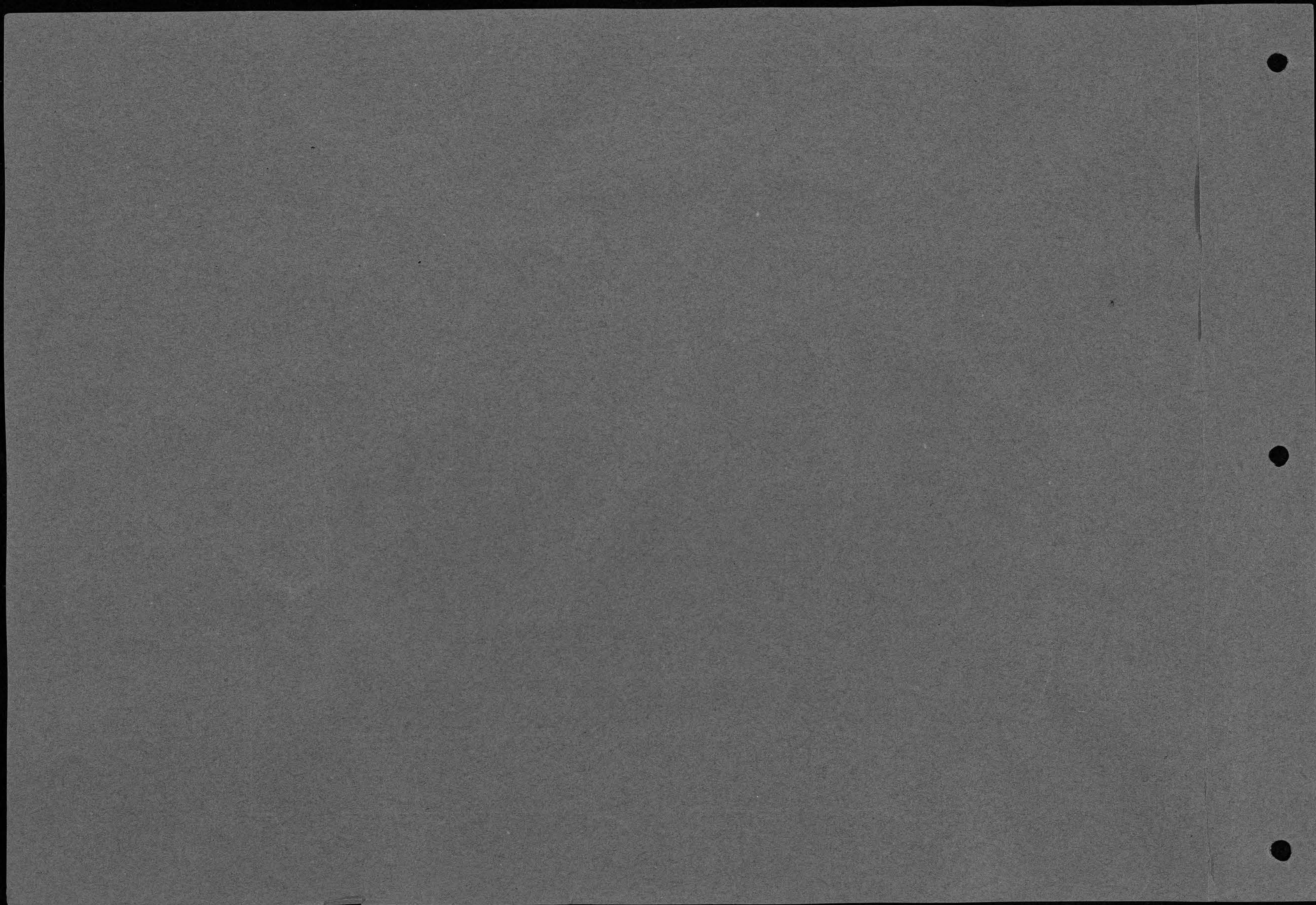
FILE _____

PHOTOGRAPHER

DR. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN





KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN

FILE _____ No. _____

SUBJECT:

ENG. LAB. E-7

PLACE _____

DATE MAY 23, 1911 } _____ A.M.
_____ P.M.

PLATE _____ RAY FILTER
_____ BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS _____
BACK _____ FOCUS _____

CONDITIONS:

- ☐ EXTERIOR ☒ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

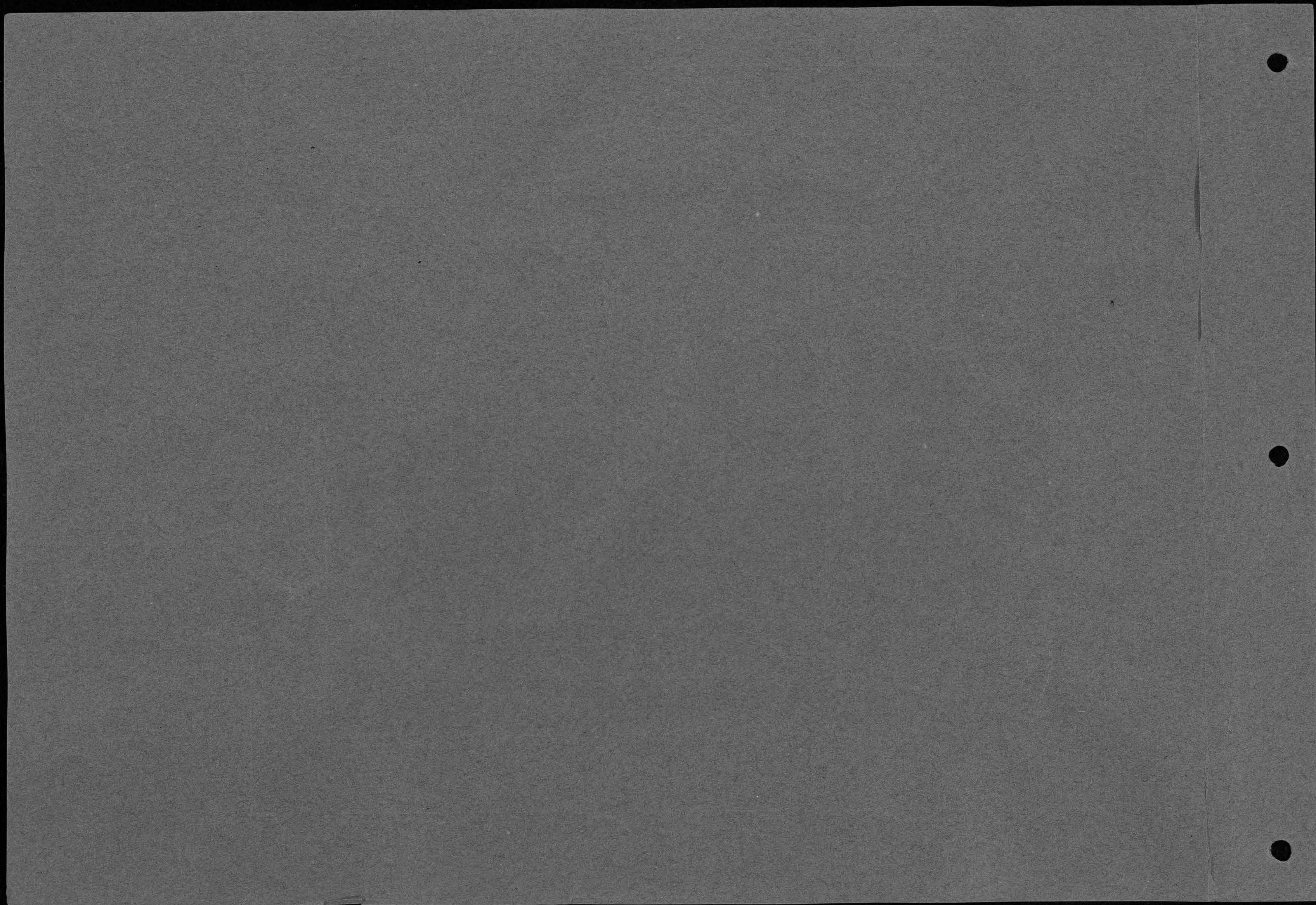
NEGATIVE NO. 5-55

LOCATION _____

FILE _____

PHOTOGRAPHER

ORR



FILE _____ No. _____

SUBJECT:

WOODWORK DISPLAY

PLACE K.S.A.C.

DATE _____ A.M. _____ P.M. _____

PLATE _____ RAY FILTER _____ BACKED _____

ACTINOMETER TIME _____ M. _____ S. _____

LENGTH EXPOSURE _____ M. _____ S. _____

STOP { F. _____ U. S. _____

LENS { DOUBLE _____ FOCUS _____ BACK _____ FOCUS _____

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 59

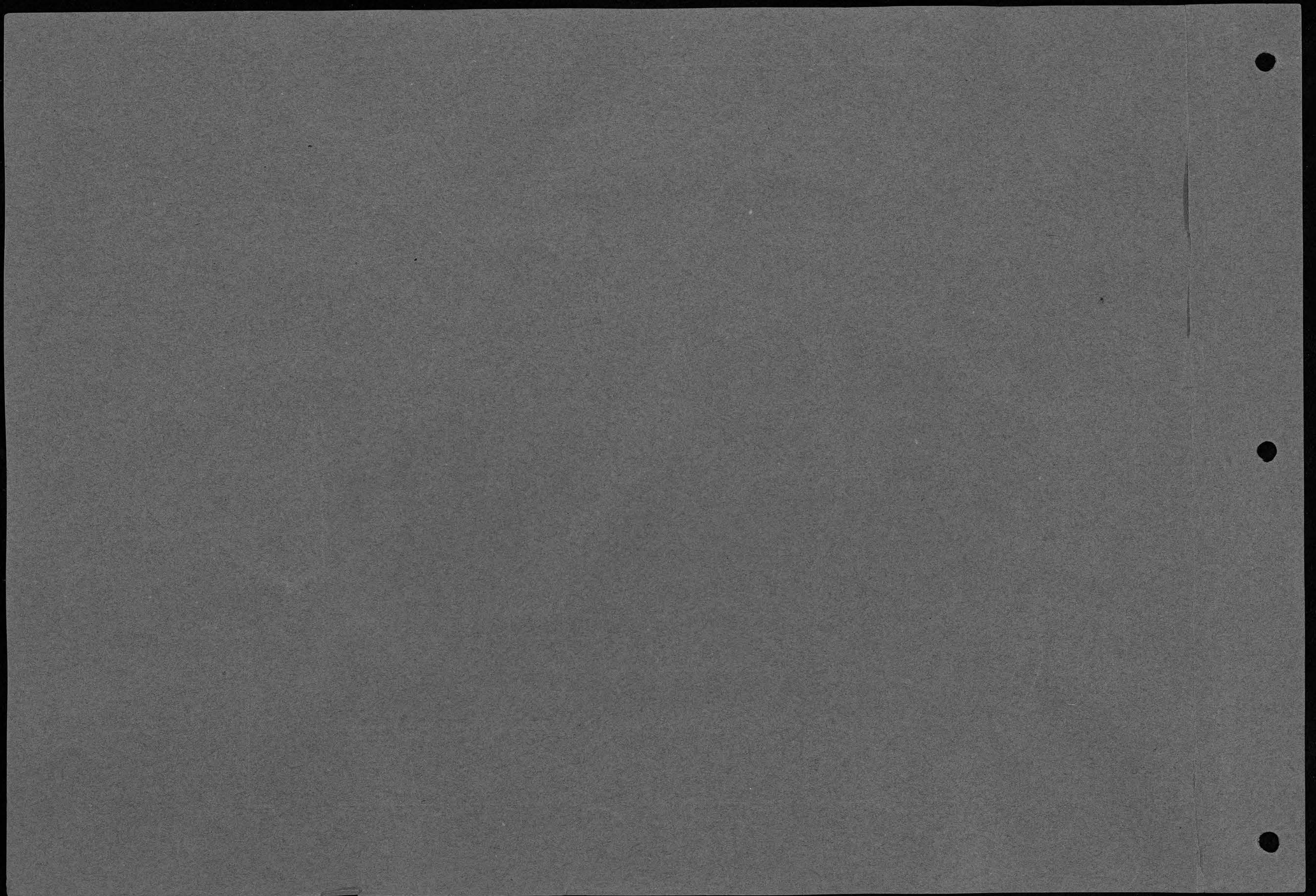
LOCATION K.S.A.C.

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

CARPENTER SHOP

PLACE K.S.A.C.

DATE 1914 } A.M.
P.M.

PLATE } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.....
U. S.....

LENS { DOUBLE..... FOCUS.....
BACK..... FOCUS.....

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. S-5

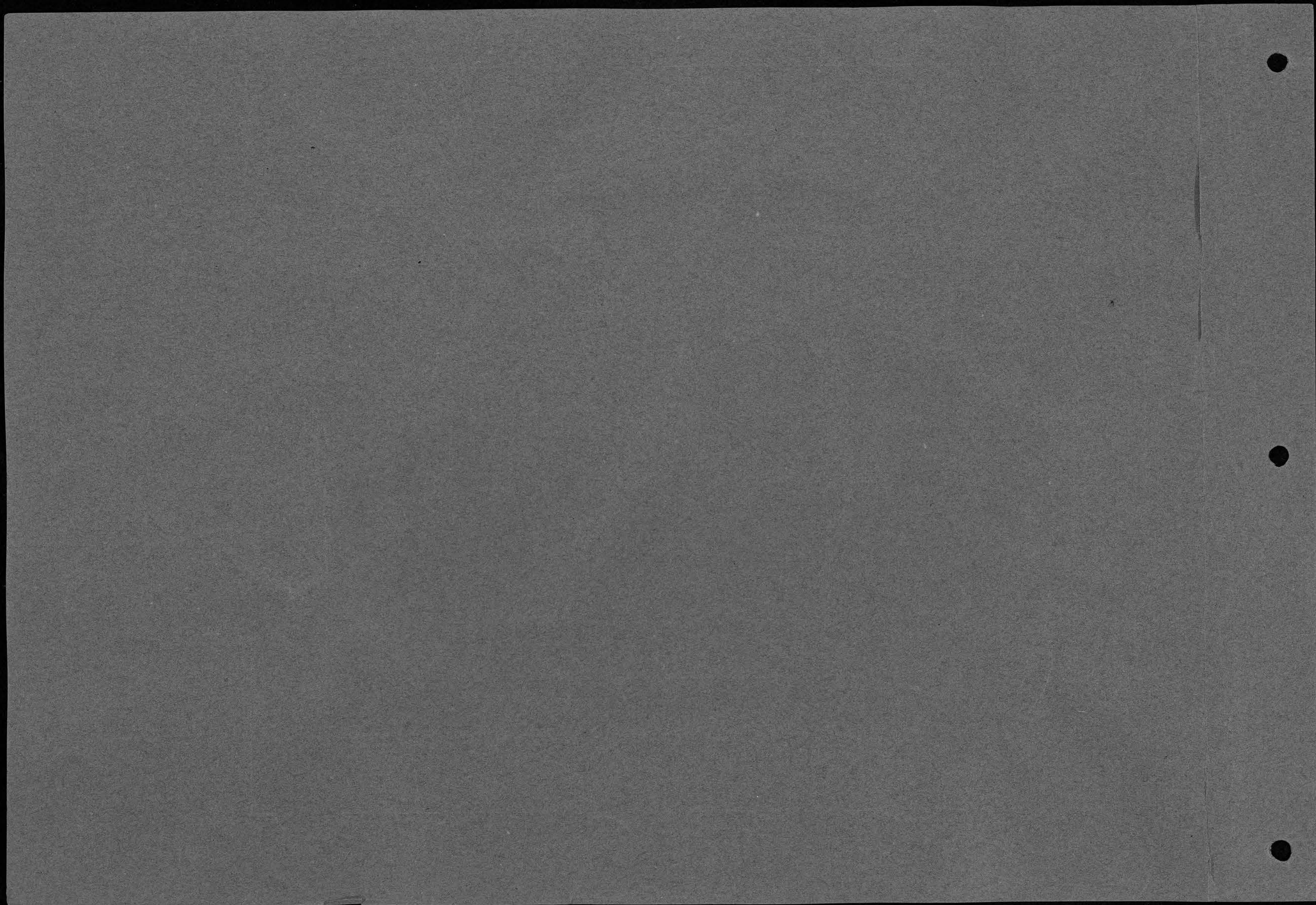
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

CARPENTER SHOP

PLACE *K.S.A.C.*

DATE *1914* } A.M.
P.M.

PLATE } RAY FILTER
(BACKED)

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.....
U. S.....

LENS { DOUBLE..... FOCUS.....
BACK..... FOCUS.....

CONDITIONS:

☒ EXTERIOR ☐ INTERIOR

☒ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☒ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE No. *S 83*

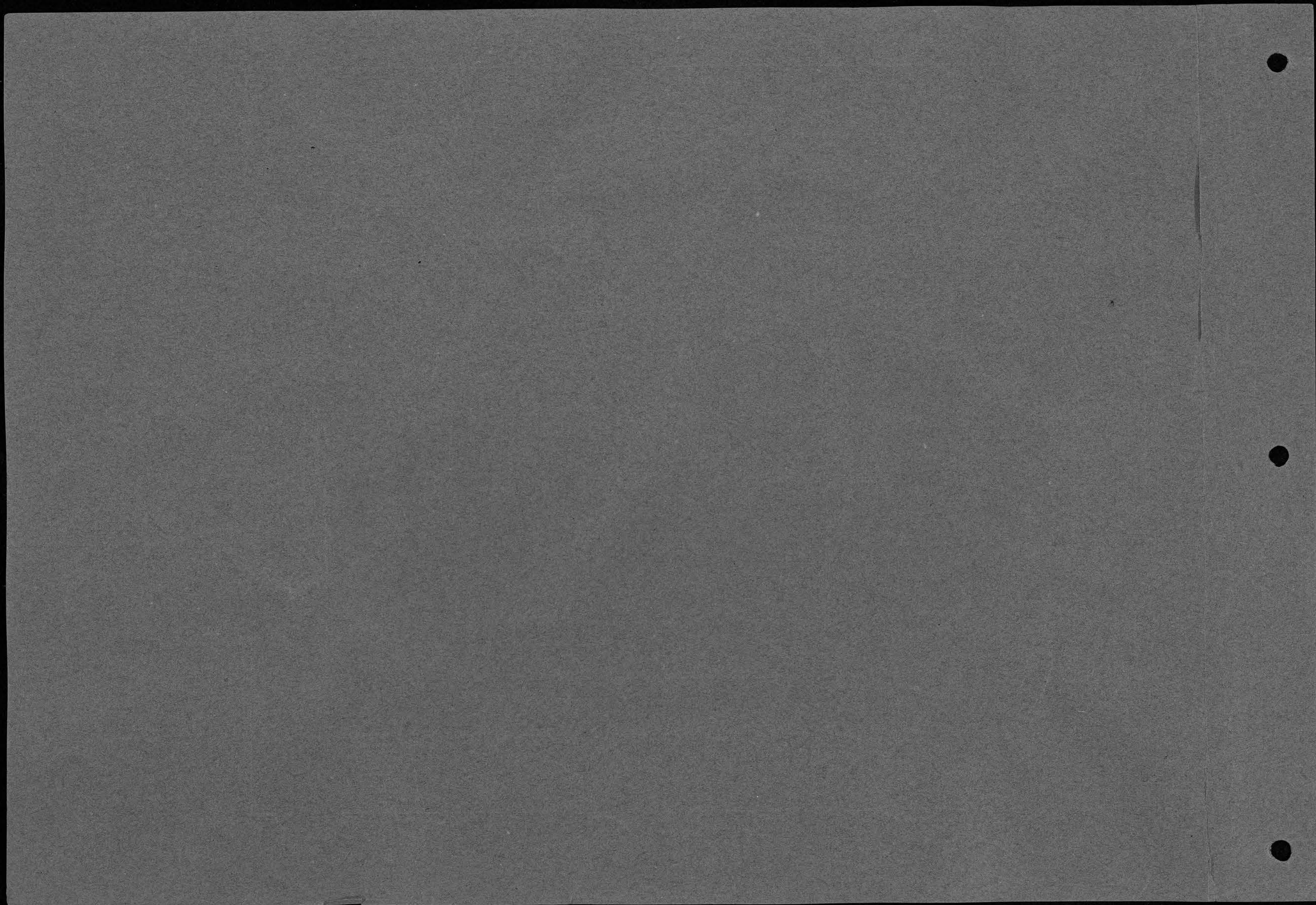
LOCATION *K.S.A.C.*

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

WOOD TURNING AND
CARPENTER SHOP

PLACE K.S.A.C.

DATE A.M.
P.M.

PLATE F. RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP F.
U. S.

LENS DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☒ EXTERIOR ☐ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☒ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 576

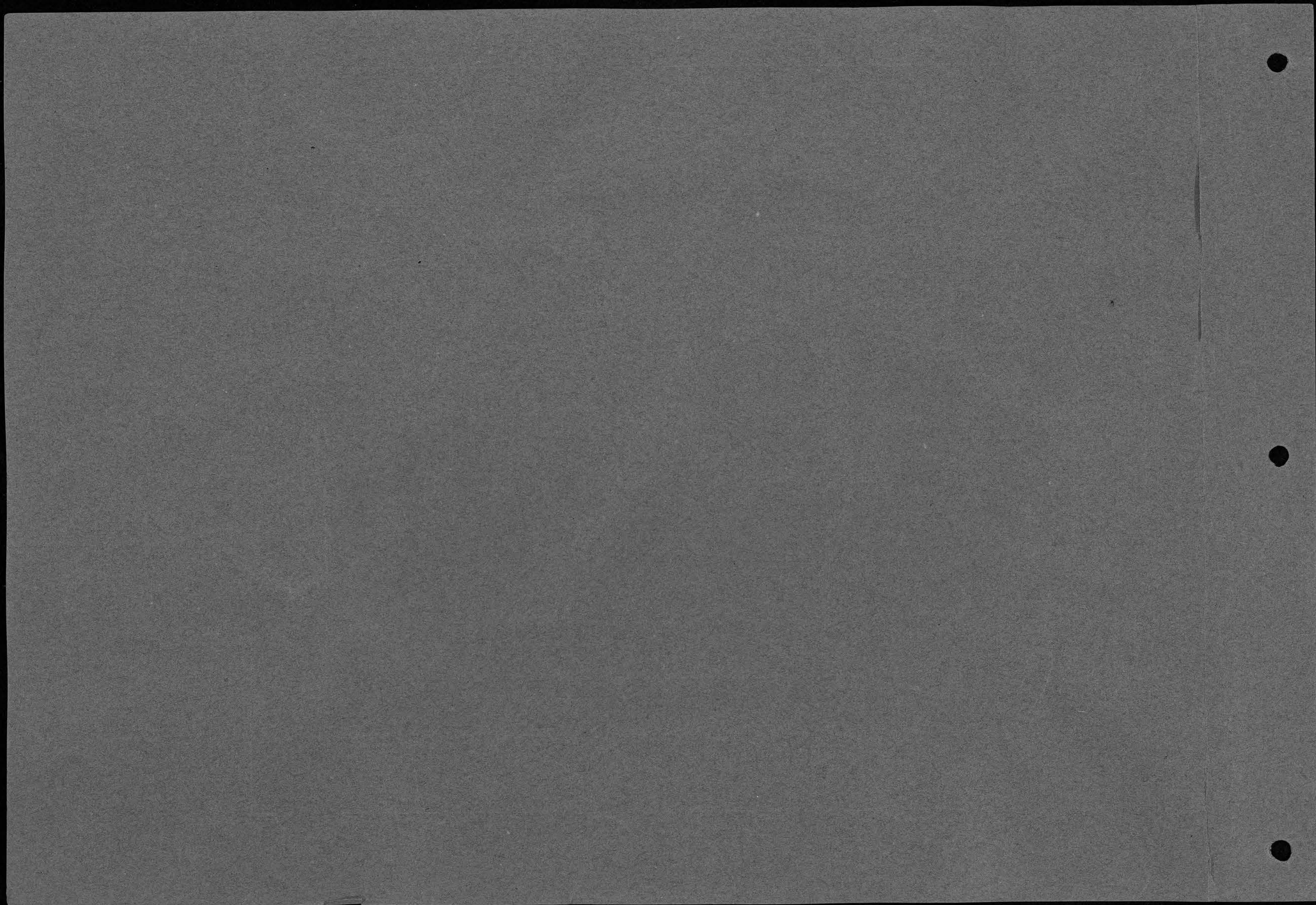
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

WOOD WORK DISPLAY

IN

WOOD WORK SHOP

PLACE KSAC

DATE JUNE 18, 1907

A.M.

P.M.

PLATE RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 524

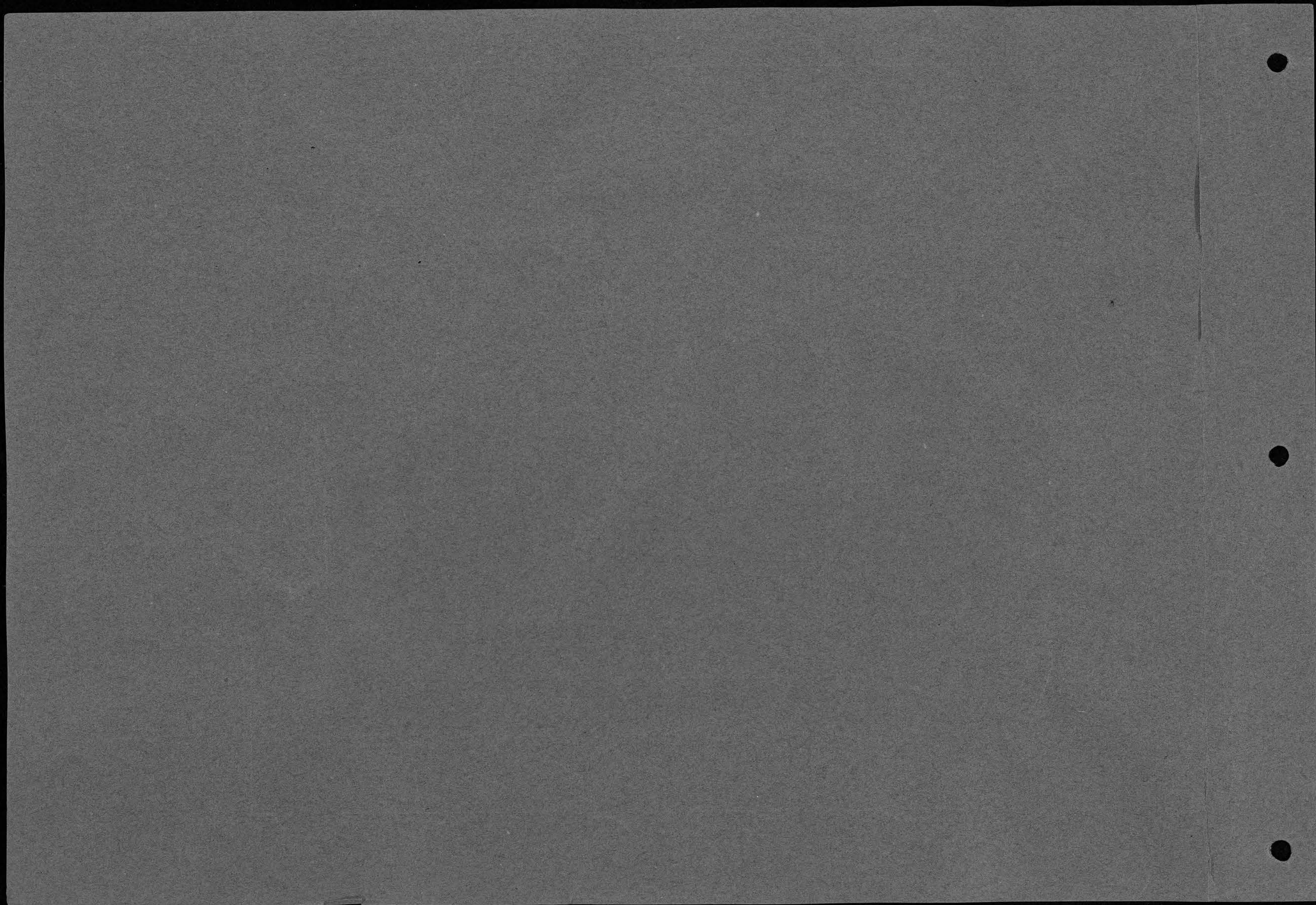
LOCATION KSAC

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

DISPLAY OF FLY TRAPS

PLACE K.S.A.C.

DATE 1919 } A.M.
P.M.

PLATE } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. 542

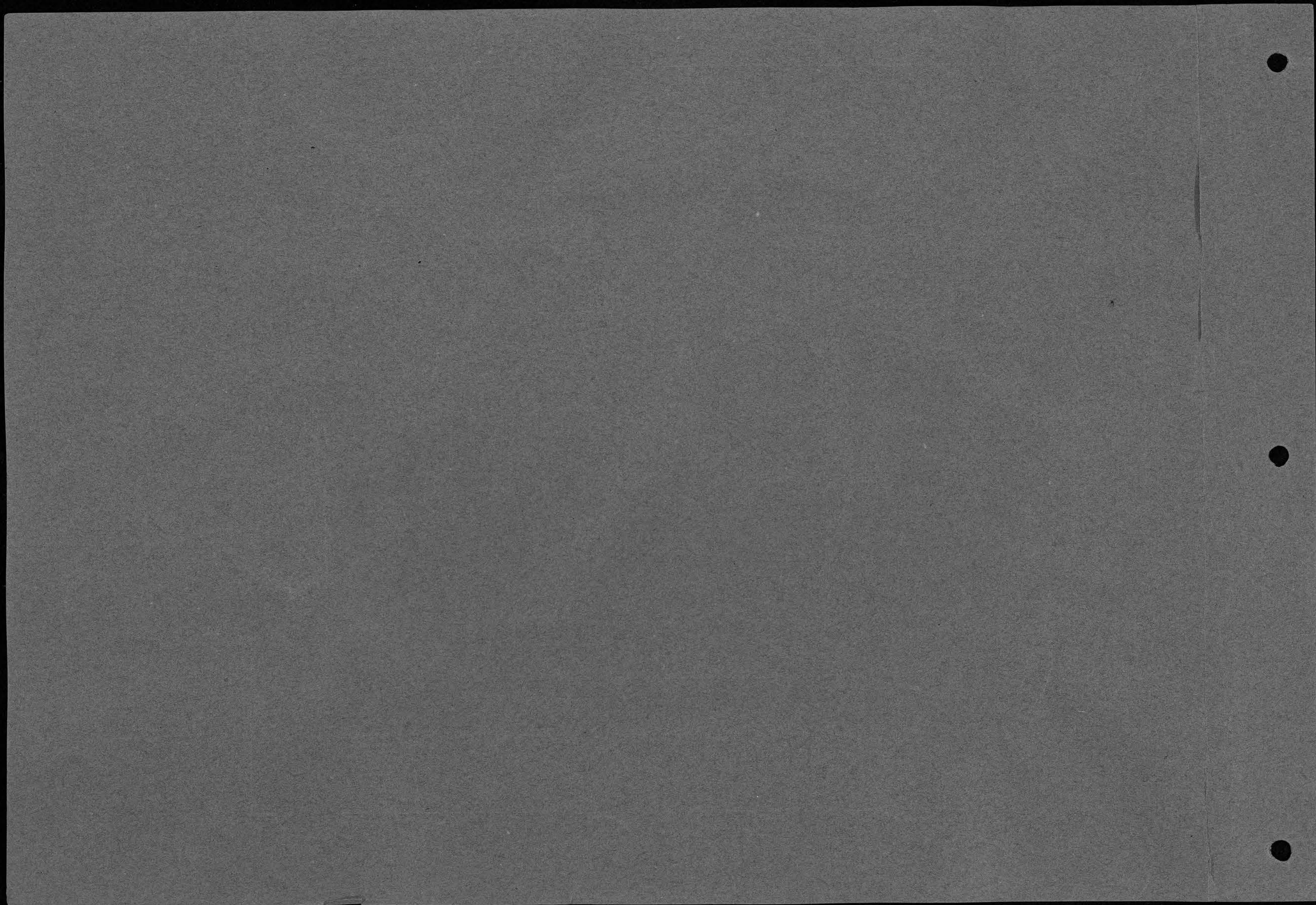
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

WOODTURNING AND
PATTERN MAKING
LAB.

PLACE

DATE A.M.
P.M.

PLATE RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 56

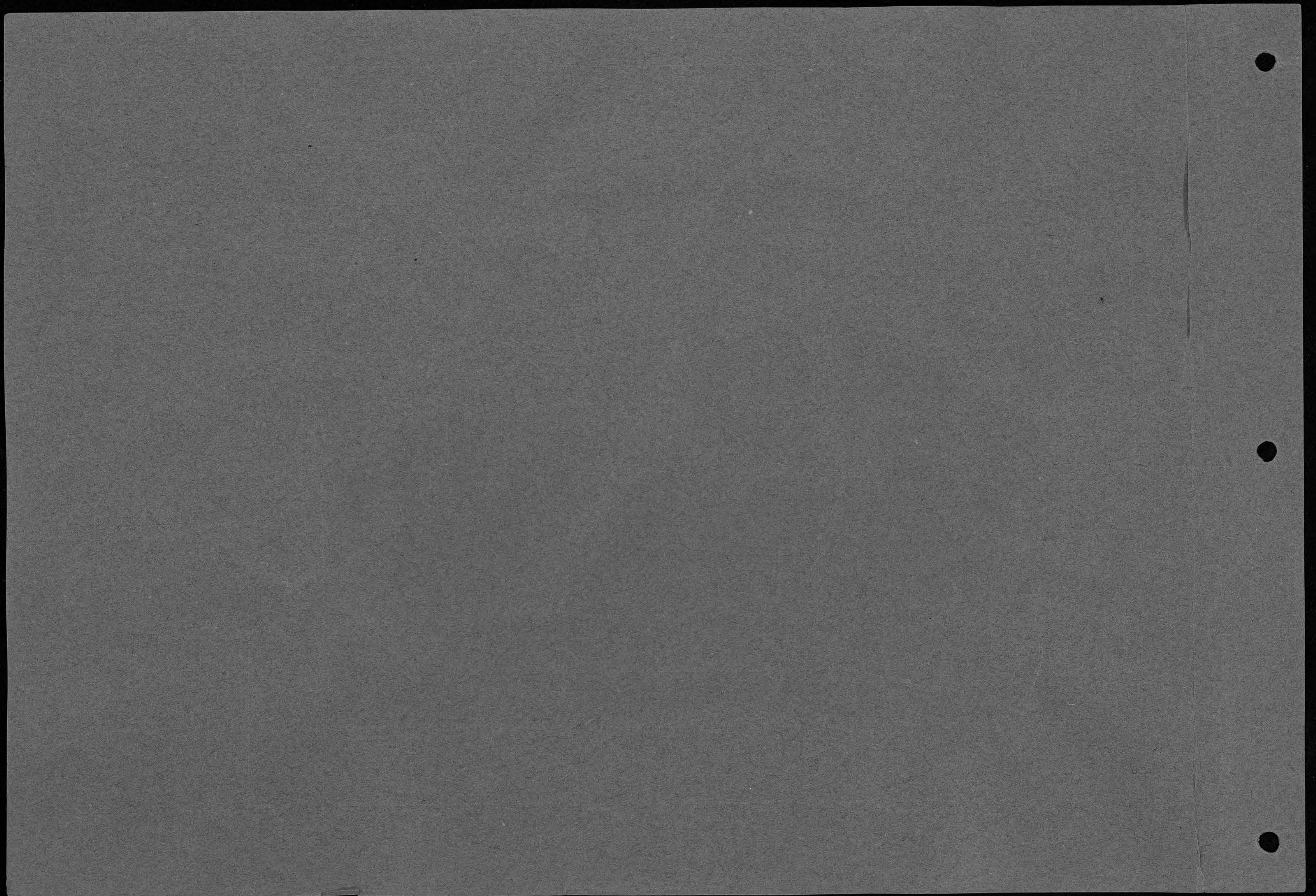
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

WOOD TURNING AND
PATTERN MAKING
SHOP

PLACE K.S.A.C.

DATE 1914 } A.M.
1:30 P.M.

PLATE } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☒ EXTERIOR ☐ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 580

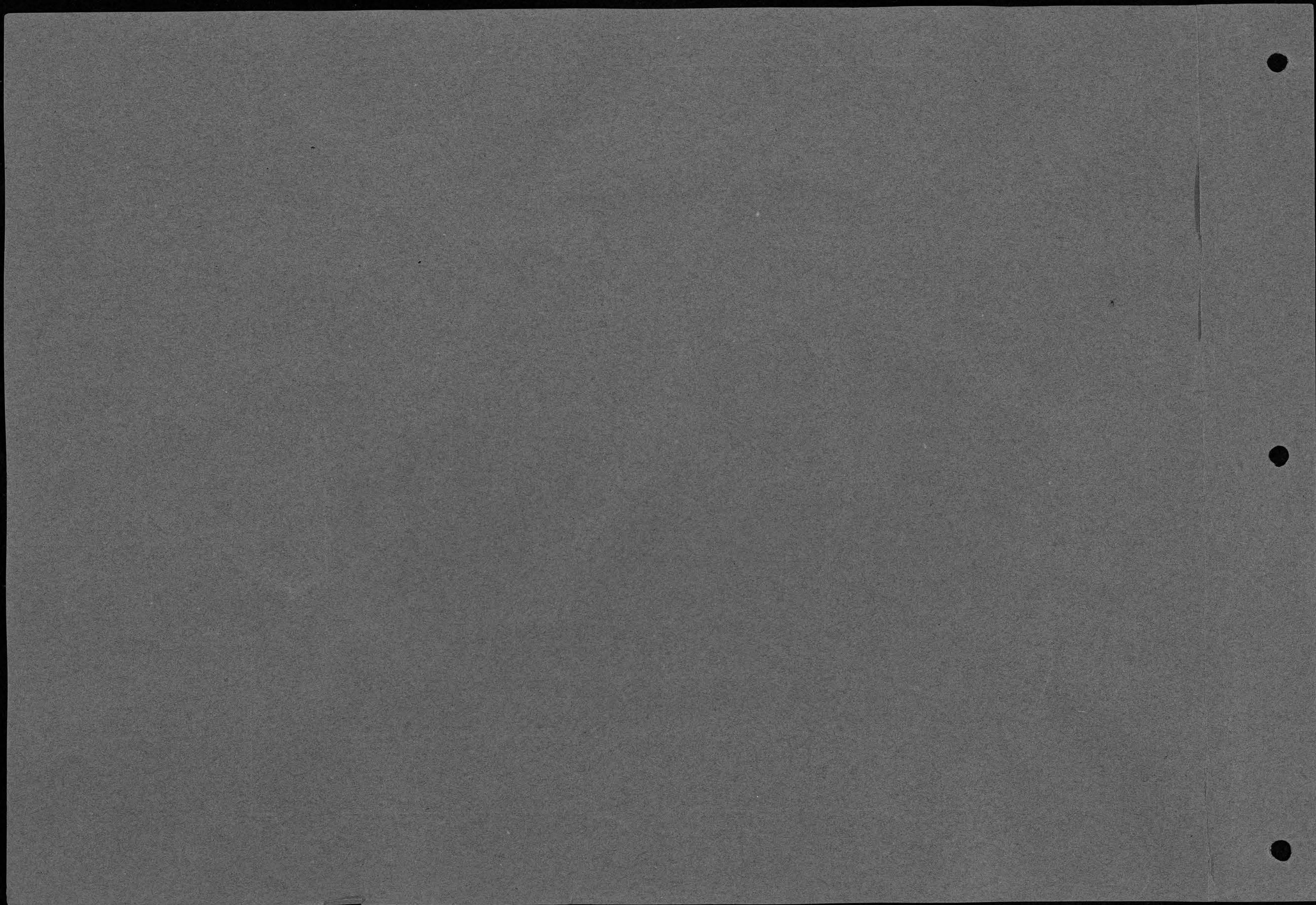
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

CLASS IN WOOD TURNING

PLACE *K.S.A.C.*

DATE A.M.
..... P.M.

PLATE RAY FILTER
..... BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. *S 82*

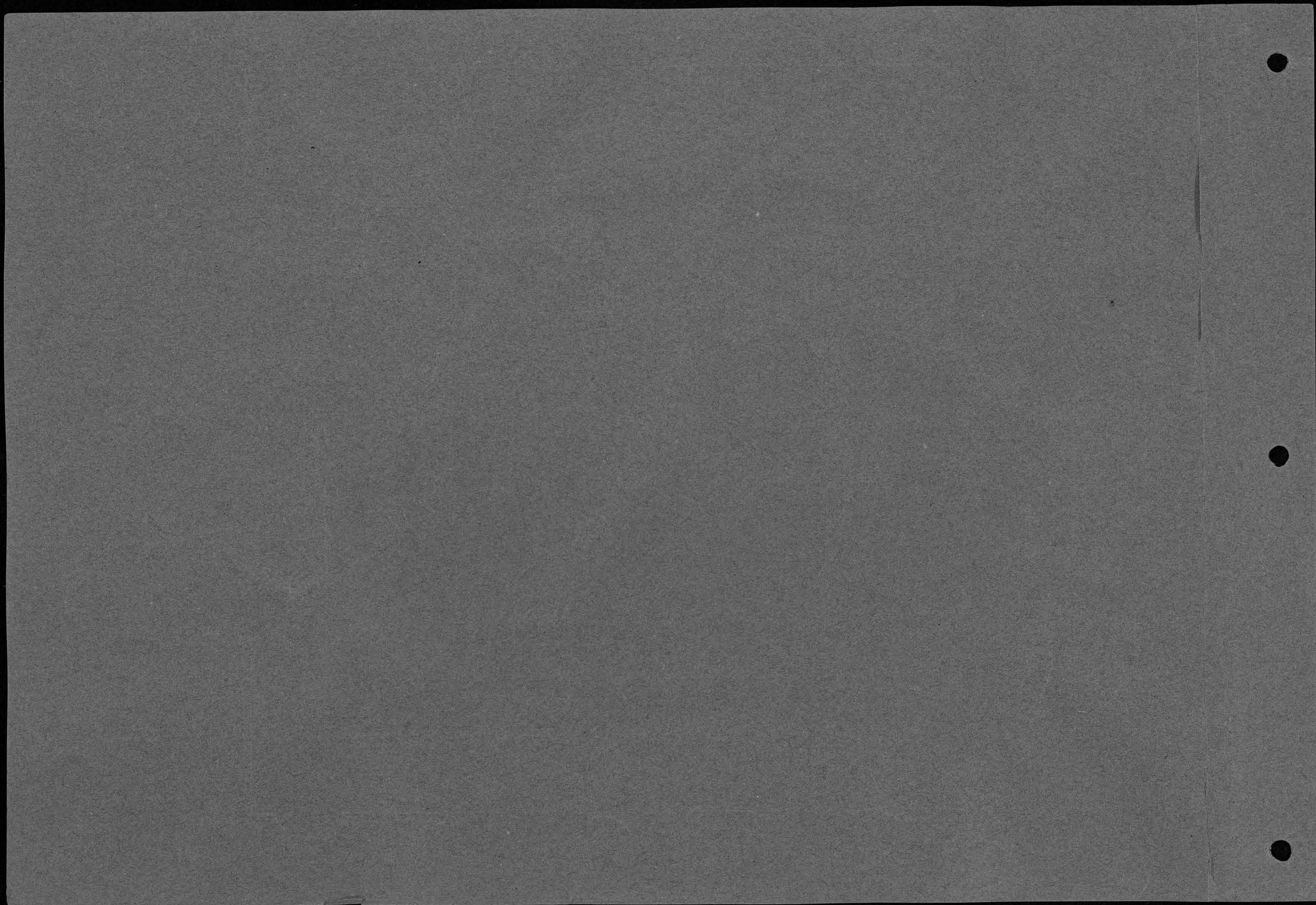
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

WOOD WORK SHOP

PLACE K.S.A.C.

DATE MAR 1911 } A.M.
P.M.

PLATE } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.....
U. S.....

LENS { DOUBLE..... FOCUS
BACK..... FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 528

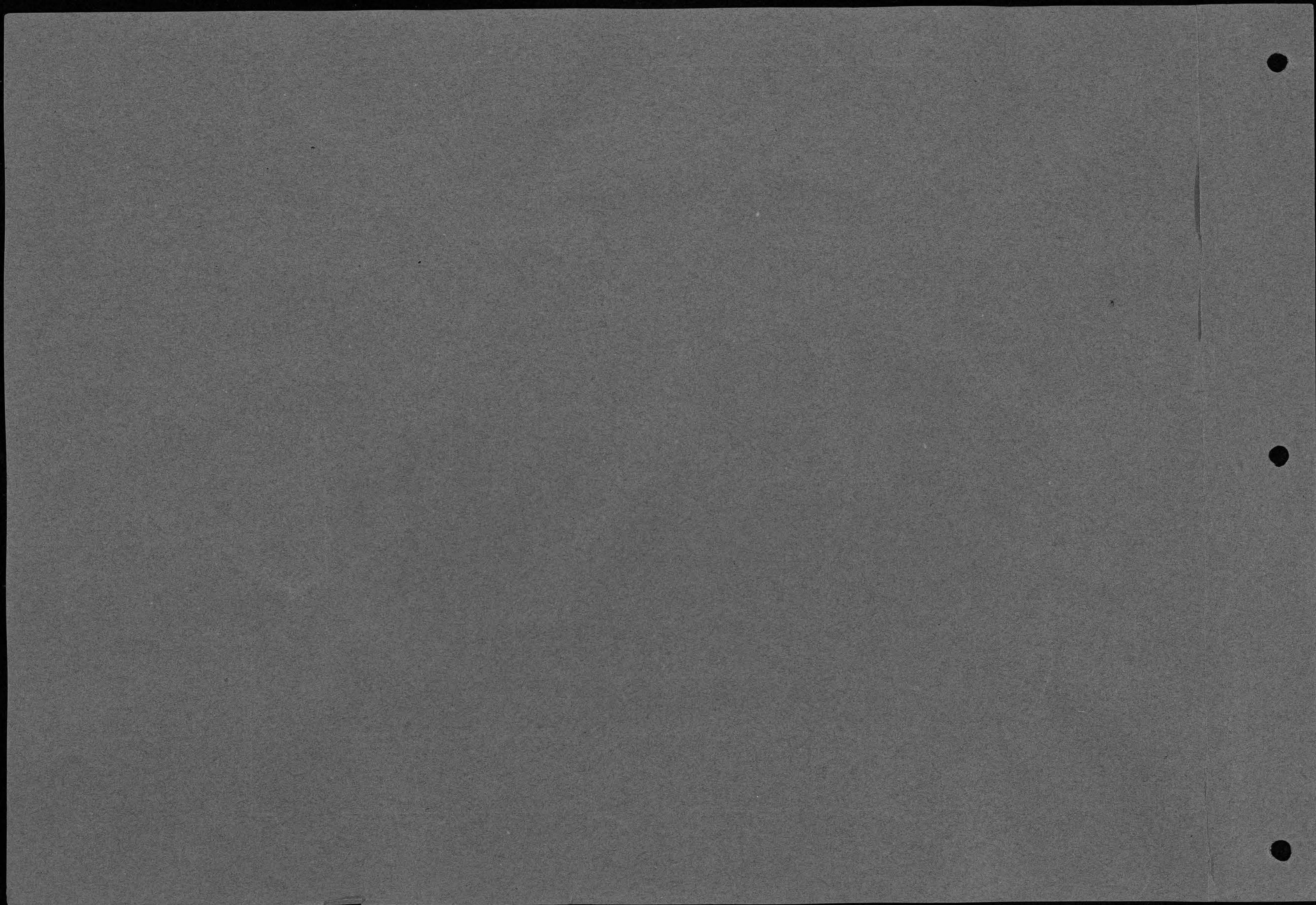
LOCATION K.S.A.C.

FILE.....

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN





KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN

FILE _____ No. _____

SUBJECT:

WOOD WORK SHOP

PLACE _____

DATE *MAR. 1911* } _____ A.M.
_____ P.M.

PLATE _____ { RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS _____
BACK _____ FOCUS _____

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

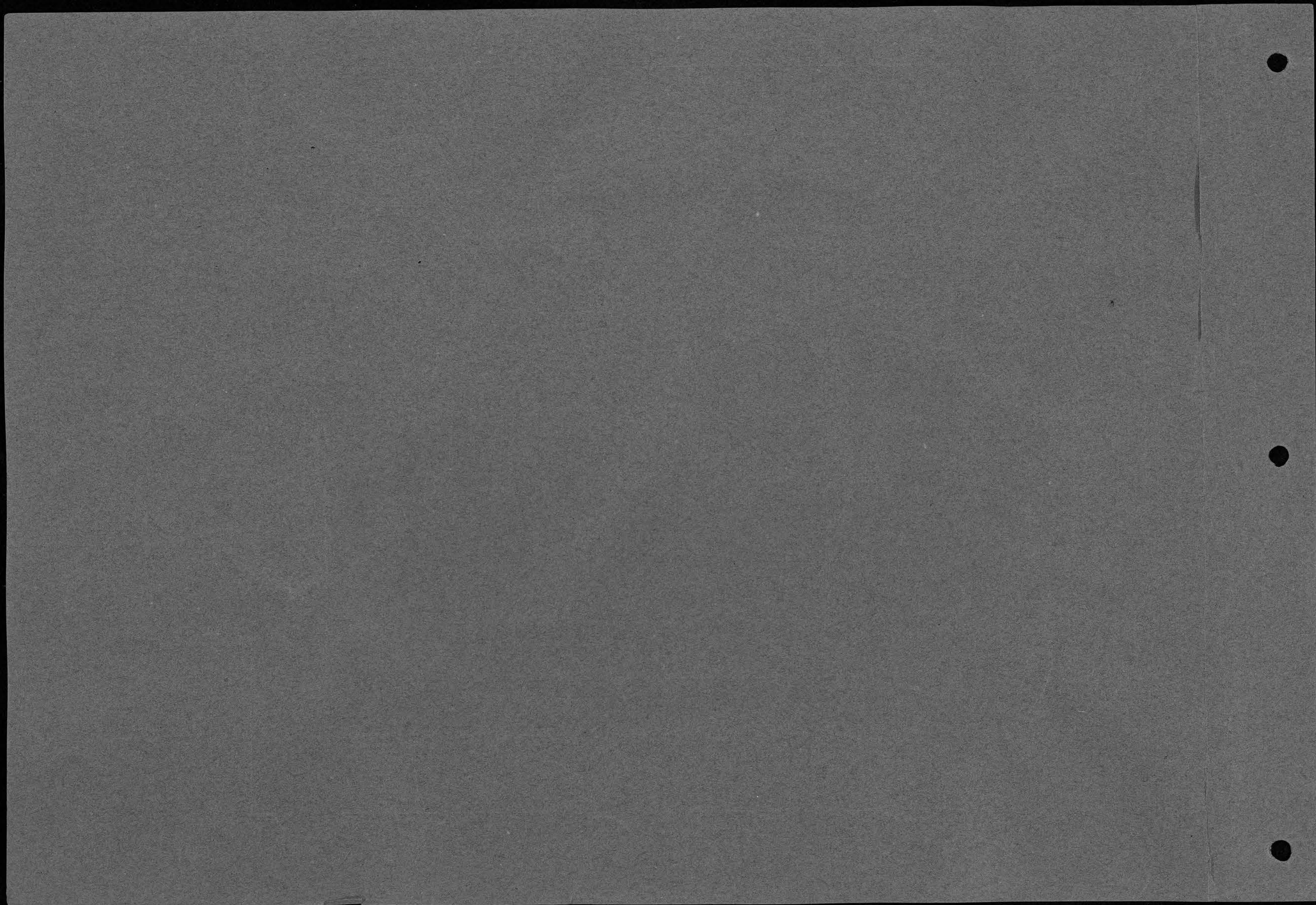
NEGATIVE NO. *529*

LOCATION _____

FILE _____

PHOTOGRAPHER

DR. ORR



FILE..... No.....

SUBJECT:

WOODWORK DISPLAY

PLACE

DATE A.M.

P.M.

PLATE RAY FILTER

BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.

U. S.

LENS { DOUBLE FOCUS

BACK FOCUS

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR

☐ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE NO. 59

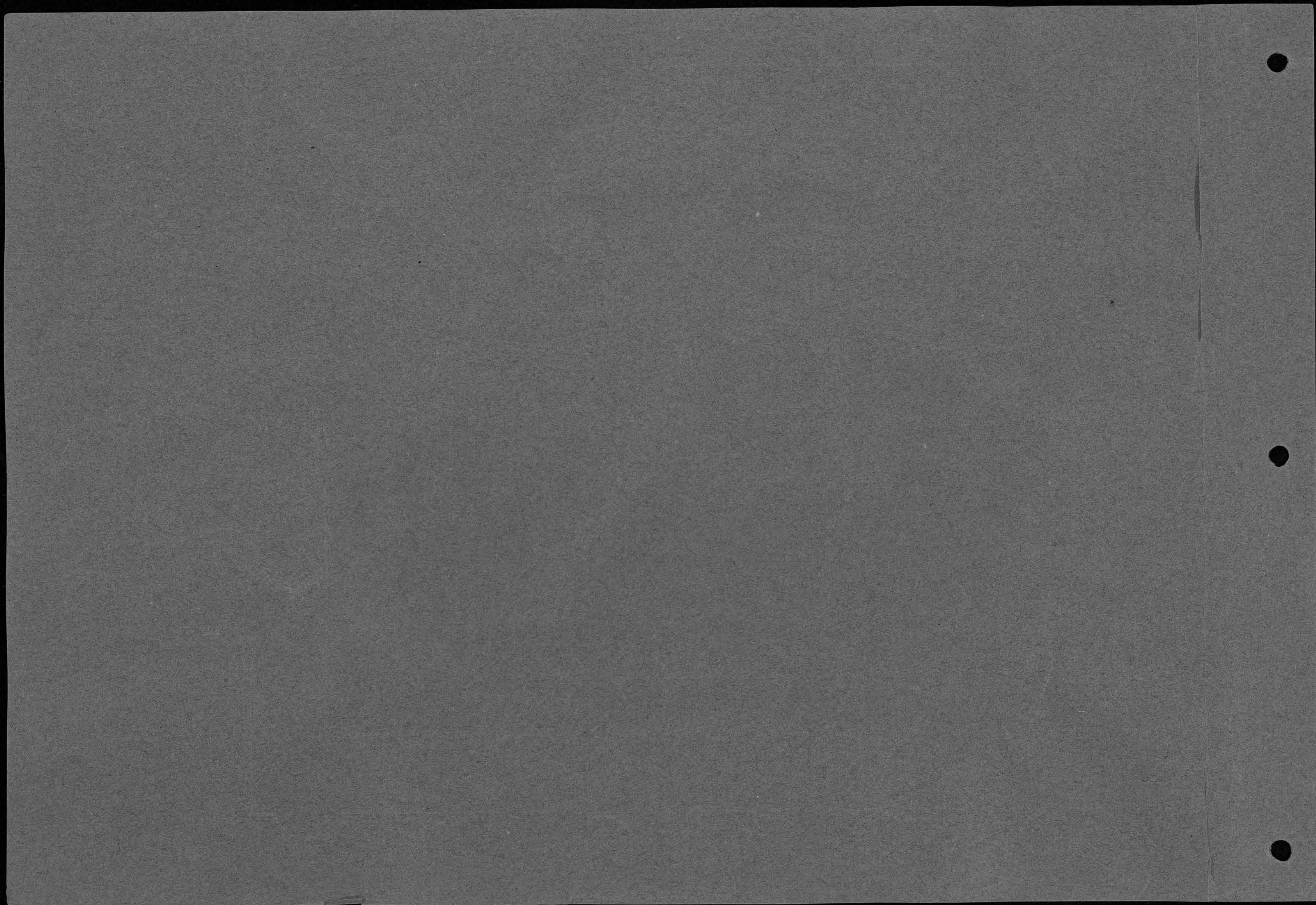
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

CLASS IN
WOODWORKING

PLACE

DATE A.M.

P.M.

PLATE RAY FILTER

BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.

U. S.

LENS { DOUBLE FOCUS

BACK FOCUS

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR

☐ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

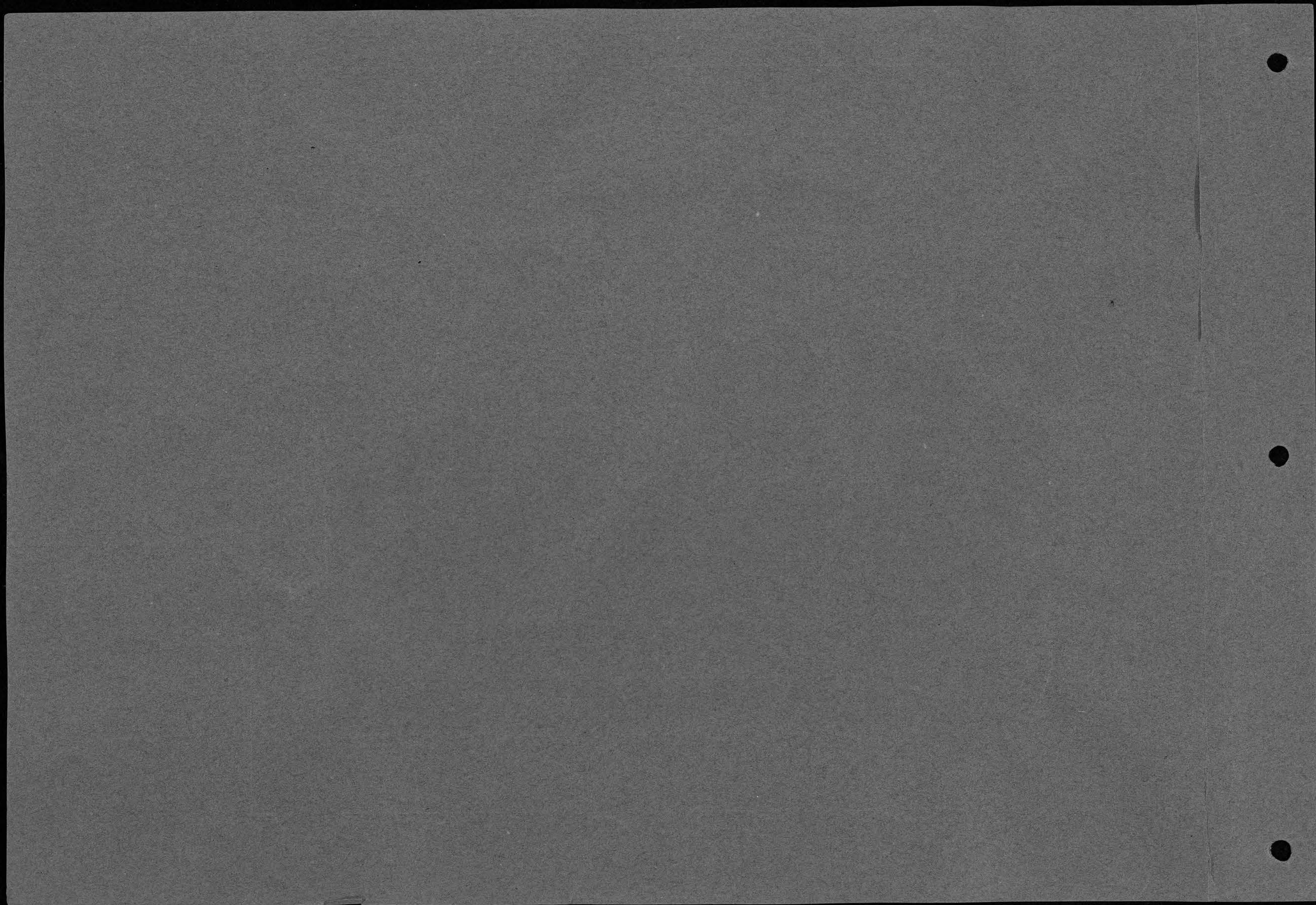
NEGATIVE NO. 5-4

LOCATION K.S.A.C.

FILE

PHOTOGRAPHER

KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

WOOD WORK SHOP

PLACE.....

DATE *JUNE 18, '07*..... A.M.
..... P.M.

PLATE..... } RAY FILTER
..... } BACKED

ACTINOMETER TIME..... M..... S.

LENGTH EXPOSURE..... M..... S.

STOP { F.....
 { U. S.....

LENS { DOUBLE..... FOCUS.....
 { BACK..... FOCUS.....

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. *526*.....

LOCATION.....

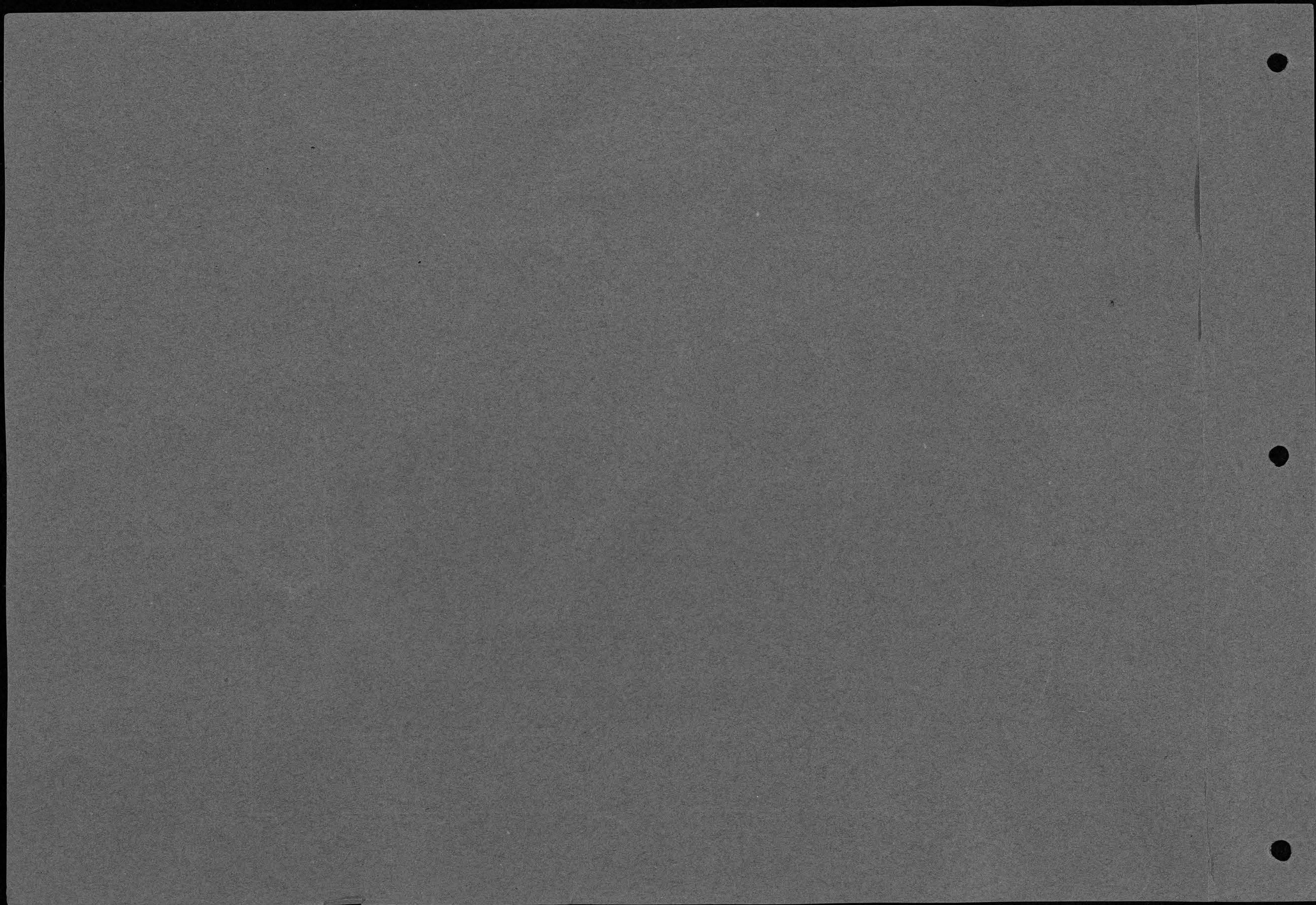
FILE.....

PHOTOGRAPHER

DR. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

FOUNDRY
MACHINE SHOP
ENGINE ROOM

PLACE K.S.A.C.

DATE 1904 } A.M.
P.M.

PLATE _____ } RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS _____
BACK _____ FOCUS _____

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. V-4-9-5-10

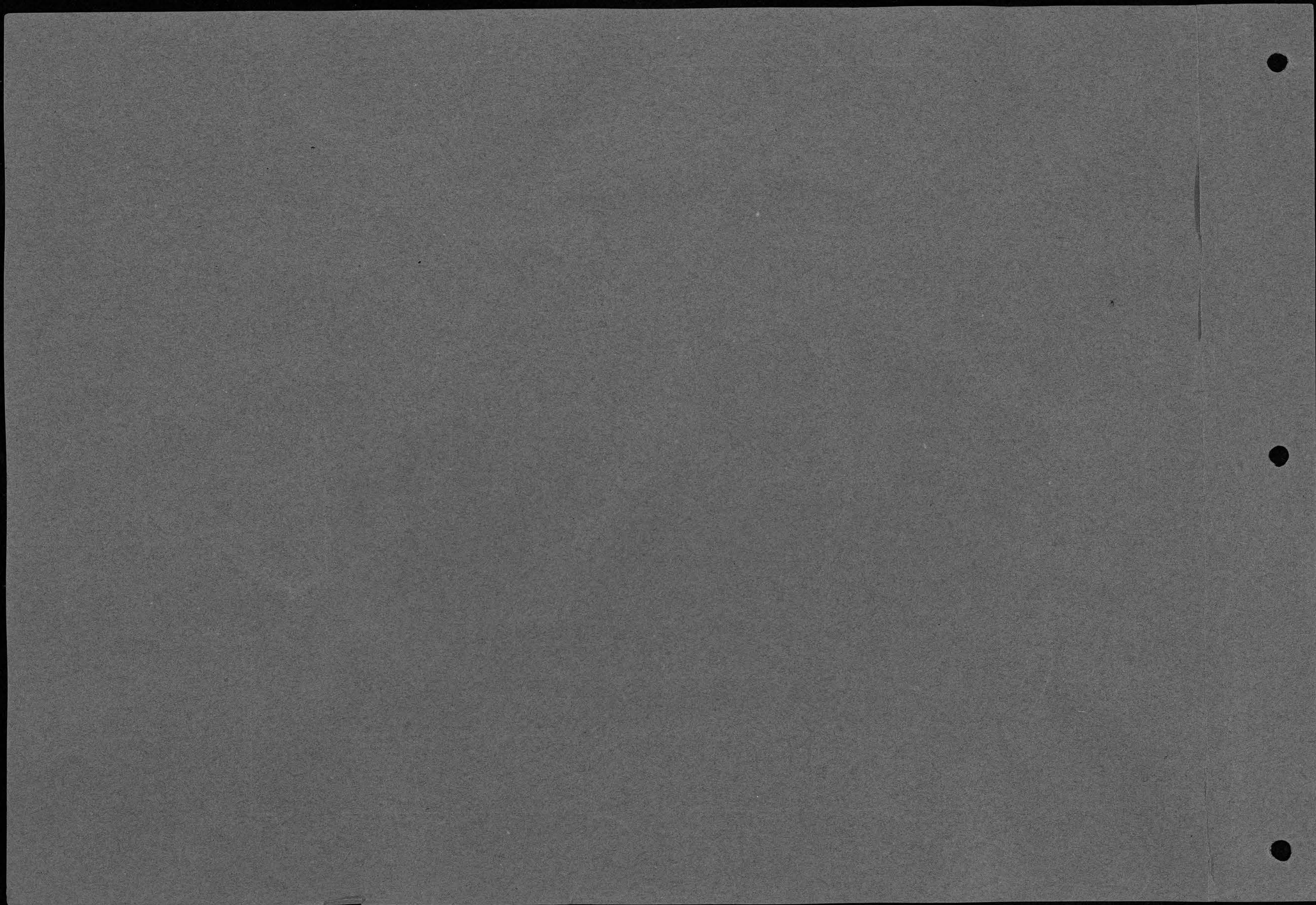
LOCATION K.S.A.C.

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

PATTERN & MOLD FOR
JONES' STOKER DEAD PLATE
(PATTERN MADE IN SHOPS)

PLACE K.S.A.C. FOUNDRY J-40

DATE 1/12/11 { 12:00 NOON
P.M.

PLATE SEED 27X { RAY FILTER
BACKED

ACTINOMETER TIME 4 M. S.

LENGTH EXPOSURE 7 M. S.

STOP { F.
U. S. 24

LENS { DOUBLE #1 FOCUS 8 1/2"
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☒ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

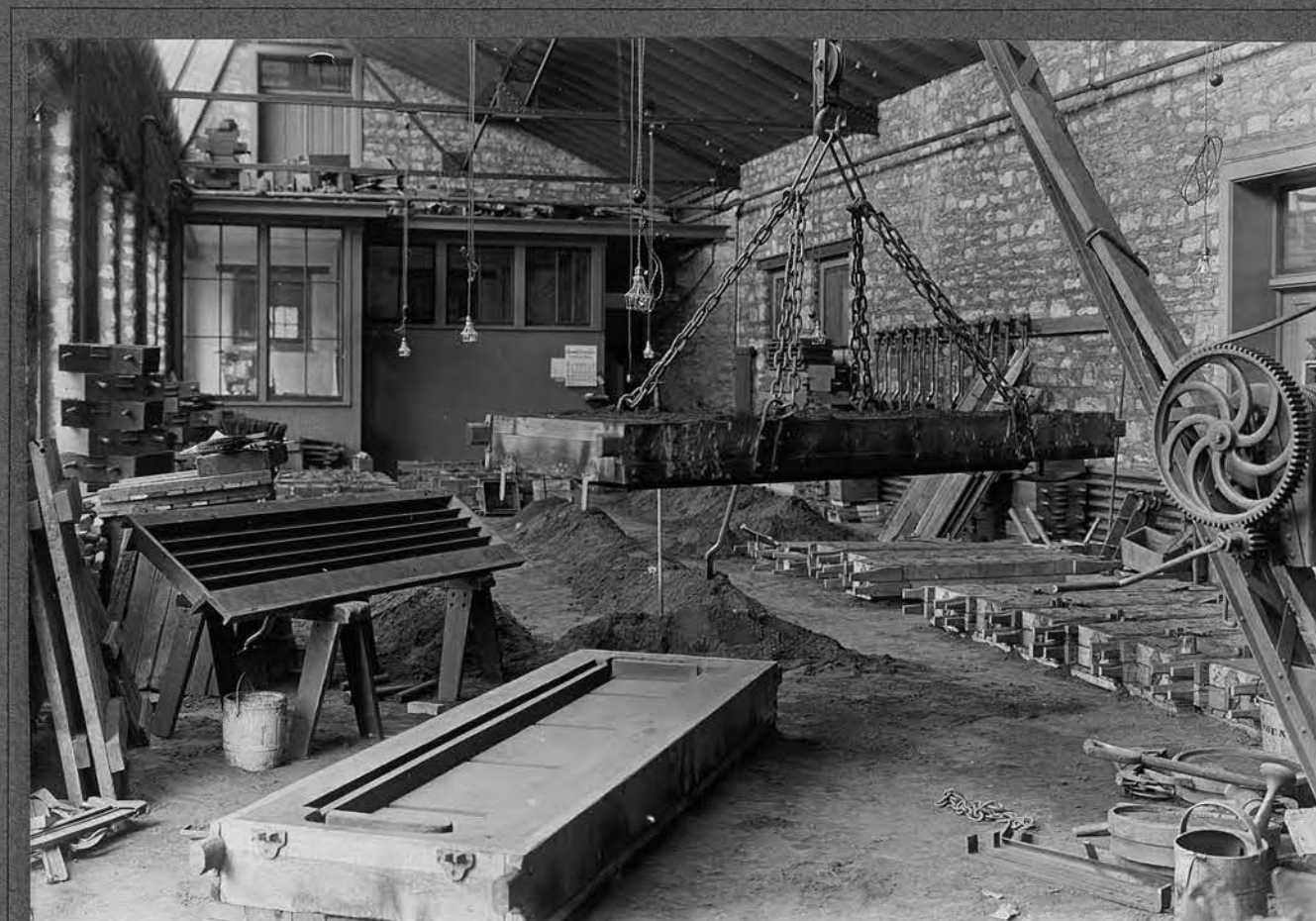
NEGATIVE NO. U-55

LOCATION K.S.A.C.

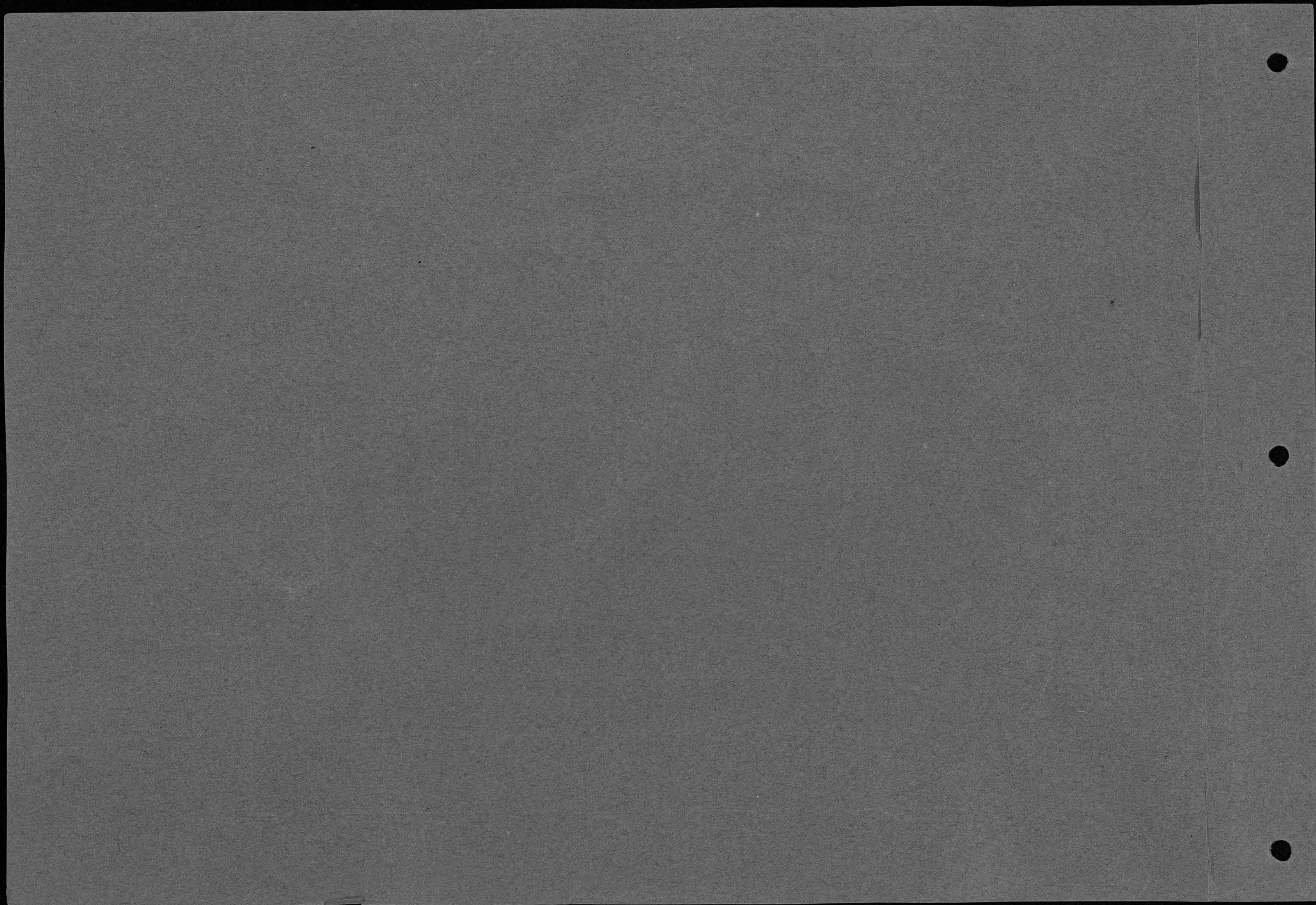
FILE.....

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

PATTERN & MOLD FOR JONES'
STOMER RETORT.
(PATTERN MADE IN SHOPS)

PLACE K.S.A.C. FOUNDRY S-40

DATE 3/18/11 { A.M. _____
5:00 P.M. _____

PLATE SPED 27x { RAY FILTER _____
BACKED _____

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE 30 M. _____ S.

STOP { F. 21
U. S. _____

LENS { DOUBLE #4 FOCUS 8 1/2"
BACK _____ FOCUS _____

CONDITIONS:

- ☐ EXTERIOR ☒ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. U-56

LOCATION K.S.A.C.

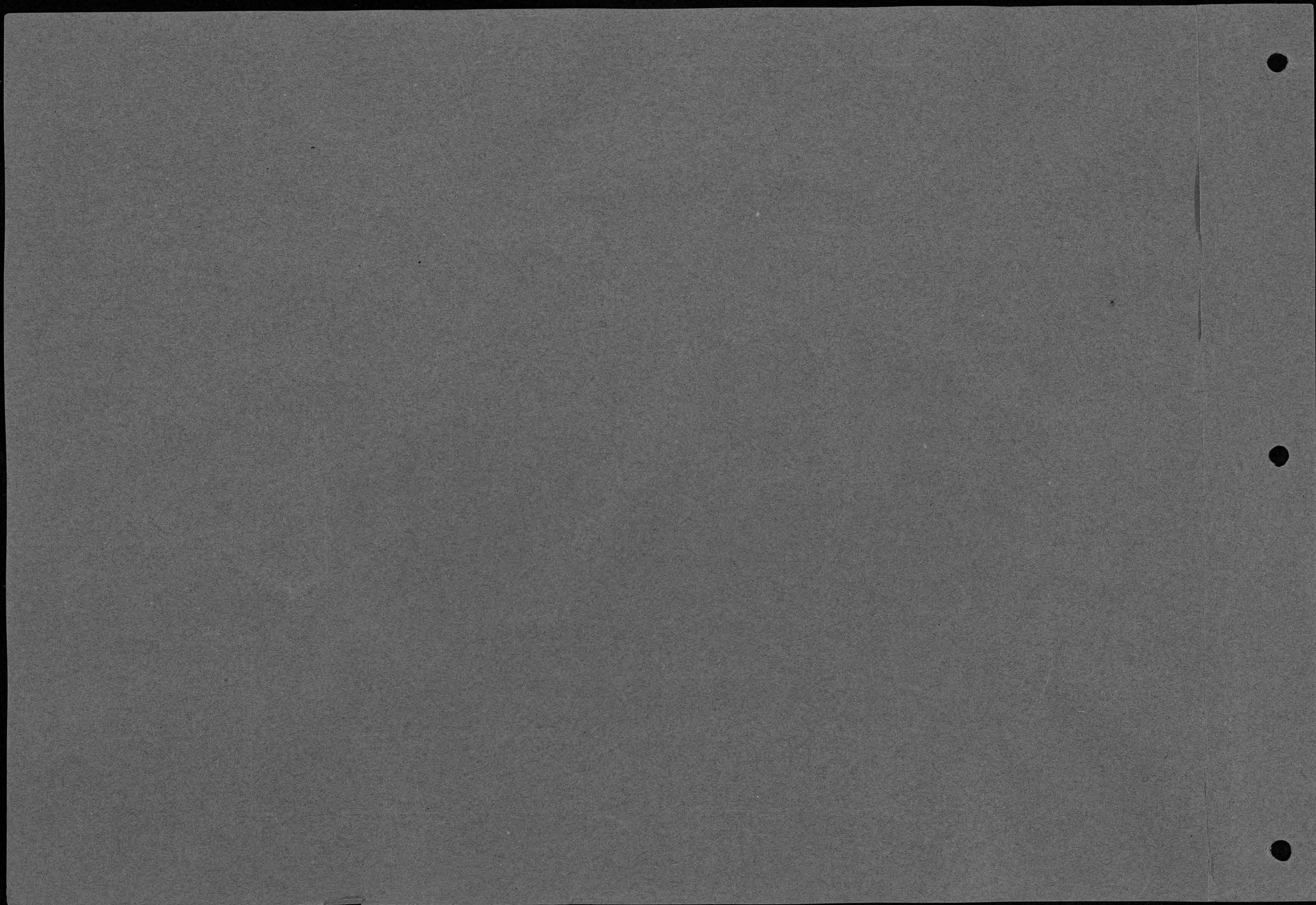
FILE _____

PHOTOGRAPHER

Howard A. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

*CASTINGS BROKEN OUT OF
MOLDS READY FOR CLEANING*

PLACE *K.S.A.C. FOUNDRY 5-40*

DATE *3/22/11* { *9:00* A.M. }
P.M.

PLATE *SEED 27X* { RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE *30* M. S.

STOP { F. *21*
U. S.

LENS { DOUBLE *#4* FOCUS *8 1/2*
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☒ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☒ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. *U-57*

LOCATION *K.S.A.C.*

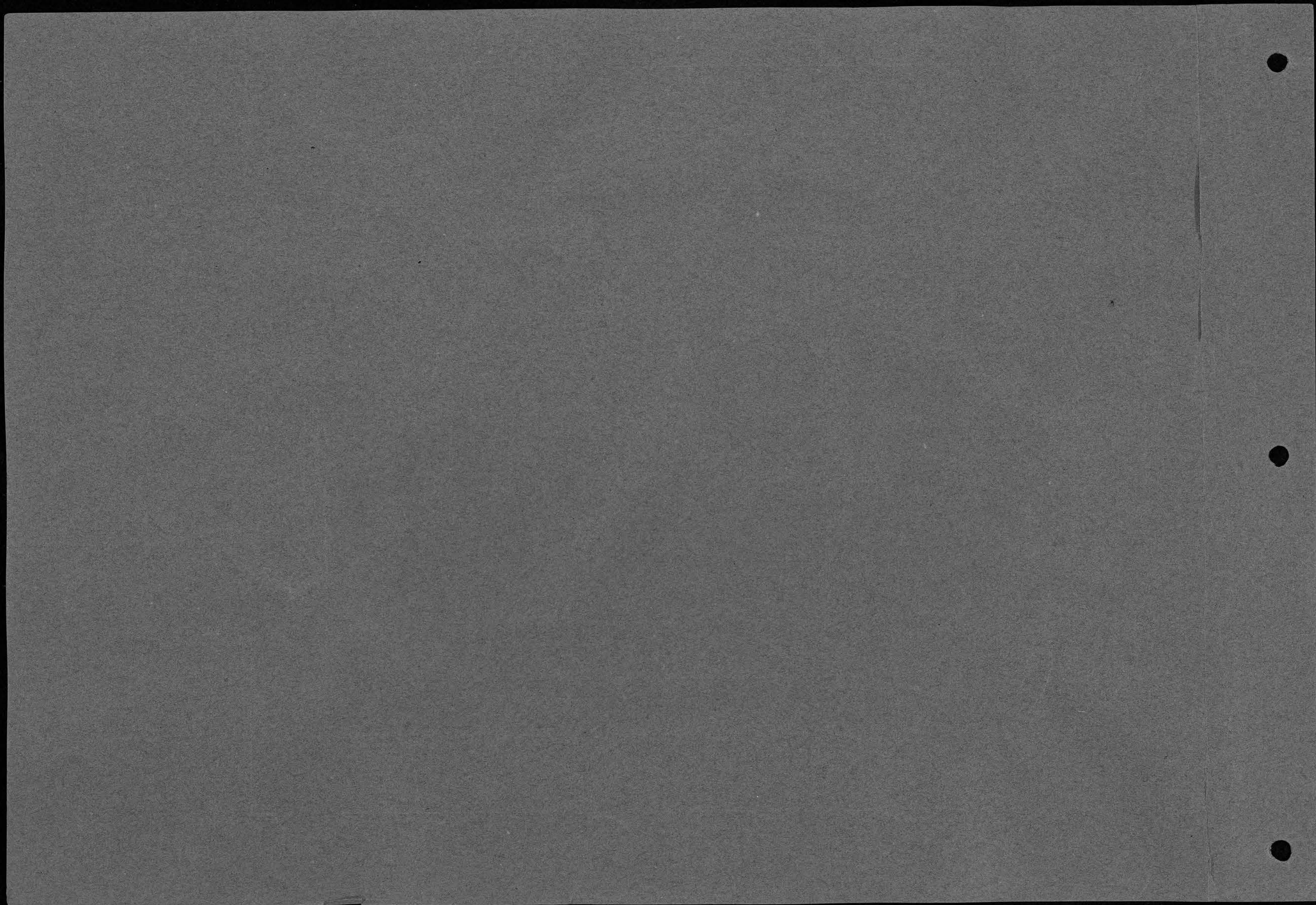
FILE

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

PATTERN & MOLD OF AUTO
MOBILE CRANK CASE
(STUDENT WORK)

PLACE K.S.A.C. FOUNDRY 5-40

DATE 12/31/10 } A.M.
5:00 P.M.

PLATE SEER 27x } RAY FILTER
(BACKED)

ACTINOMETER TIME M. S.

LENGTH EXPOSURE 19 M. 30 S.

STOP { F. 21
U. S.

LENS { DOUBLE #4 FOCUS 8 1/8"
BACK FOCUS

CONDITIONS:

☐ EXTERIOR ☒ INTERIOR
☒ DAYLIGHT ☒ FLASH LIGHT
☐ INTENSE SUN 1-#2 EASTMAN
☐ BRIGHT SUN FLASH CART
☐ HAZY SUN RIDGE
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. U-51

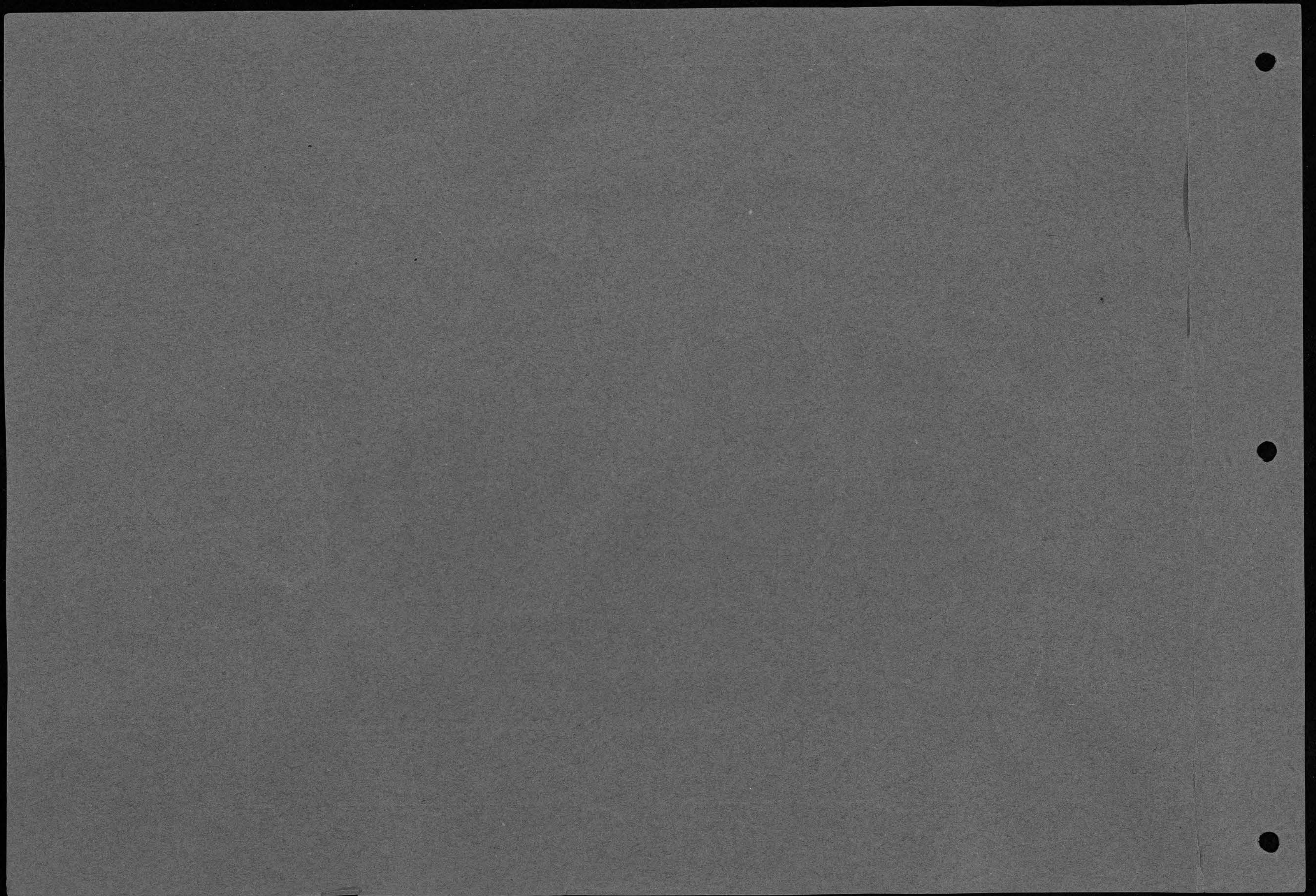
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER

Howard M. Chandler





FILE No.

SUBJECT:

CLASS IN FOUNDRY

PLACE K.S.A.C.

DATE MAR. 10, 1910. } A.M.
5:00 P.M.

PLATE } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 1573

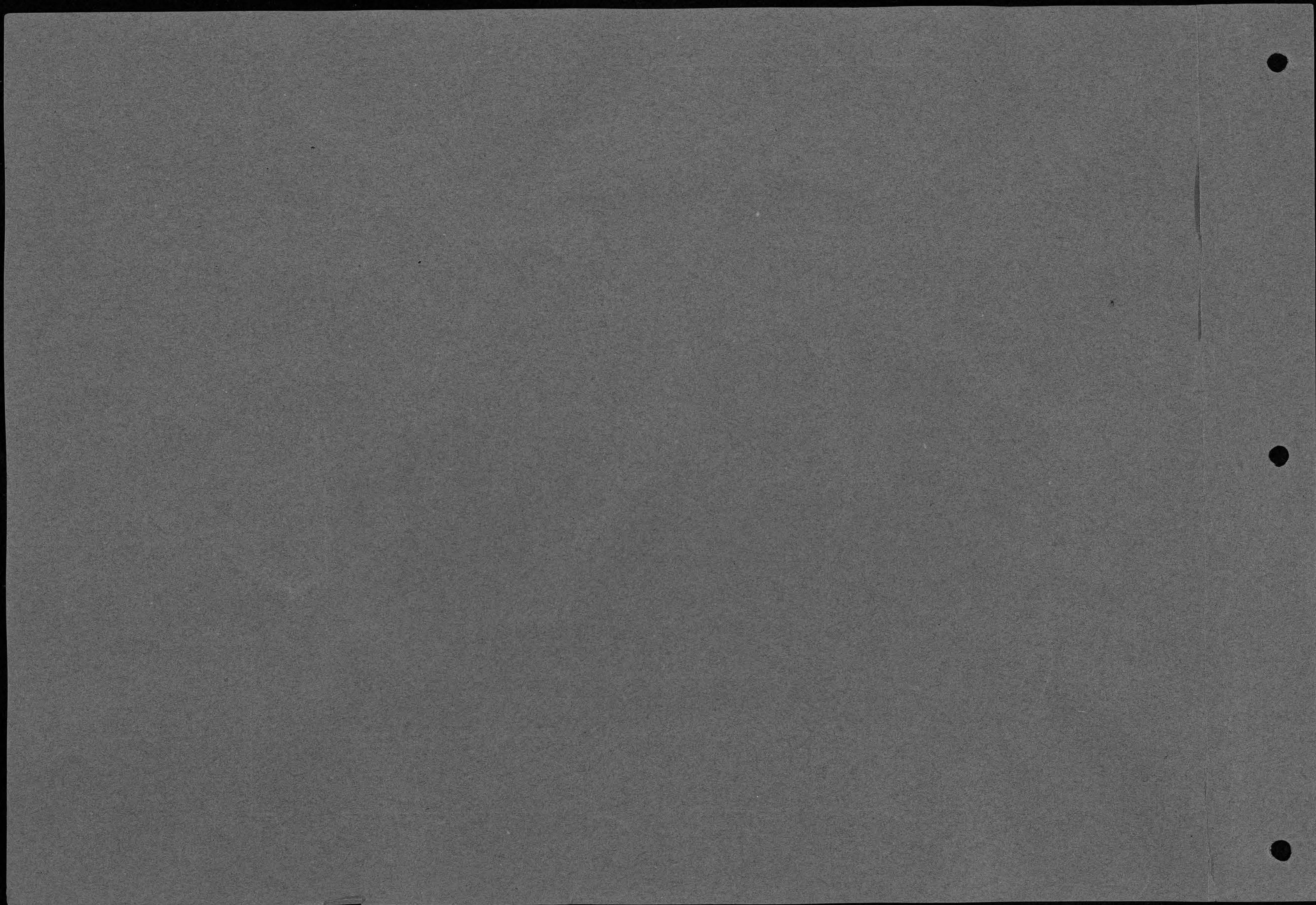
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

CLASS IN FOUNDRY

PLACE K.S.A.C.

DATE 1913 { A.M.
P.M.

PLATE { RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. 581

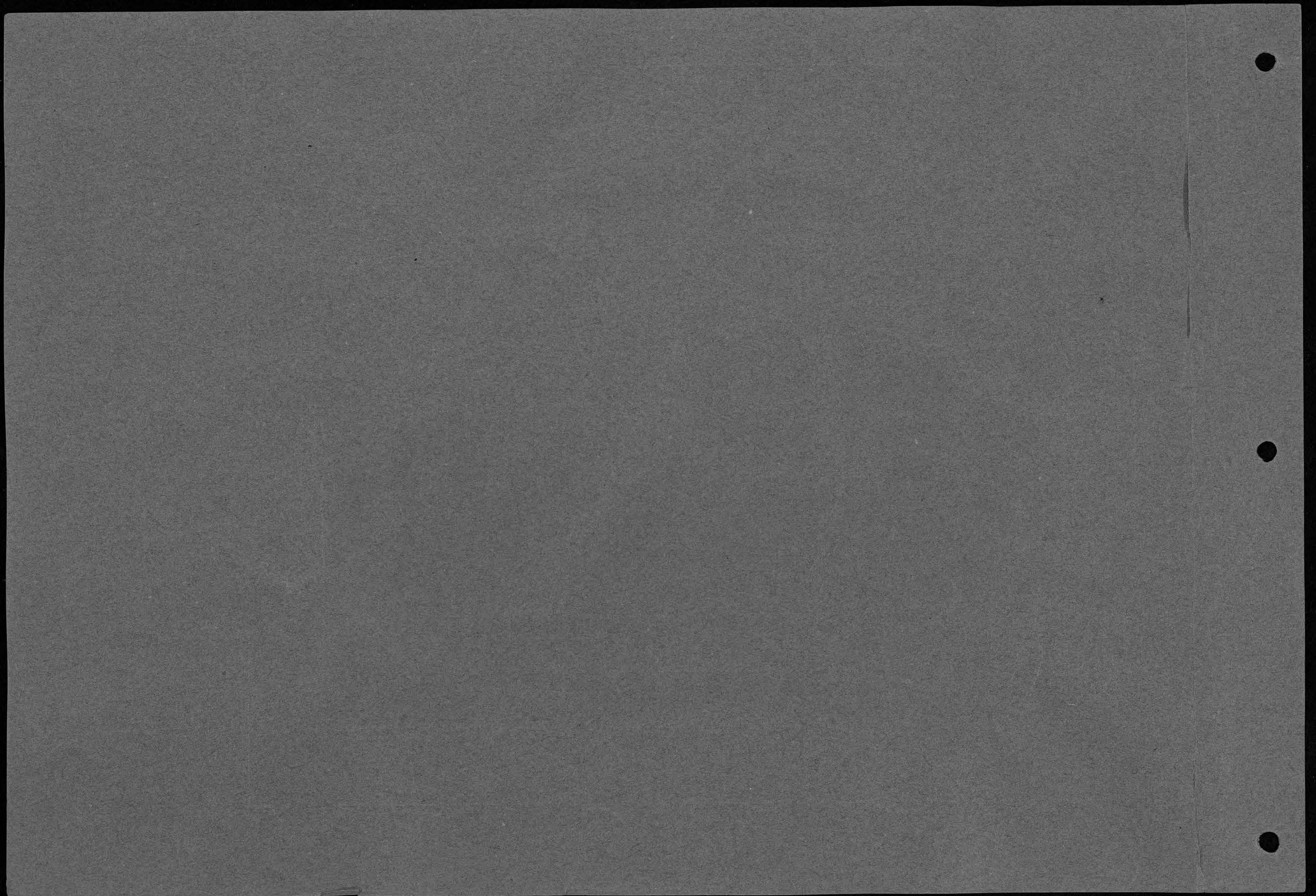
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

GLASS IN FOUNDRY

PLACE K.S.A.C.

DATE 1914 } A.M.

PLATE _____ } P.M.

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS _____
BACK _____ FOCUS _____

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. 584

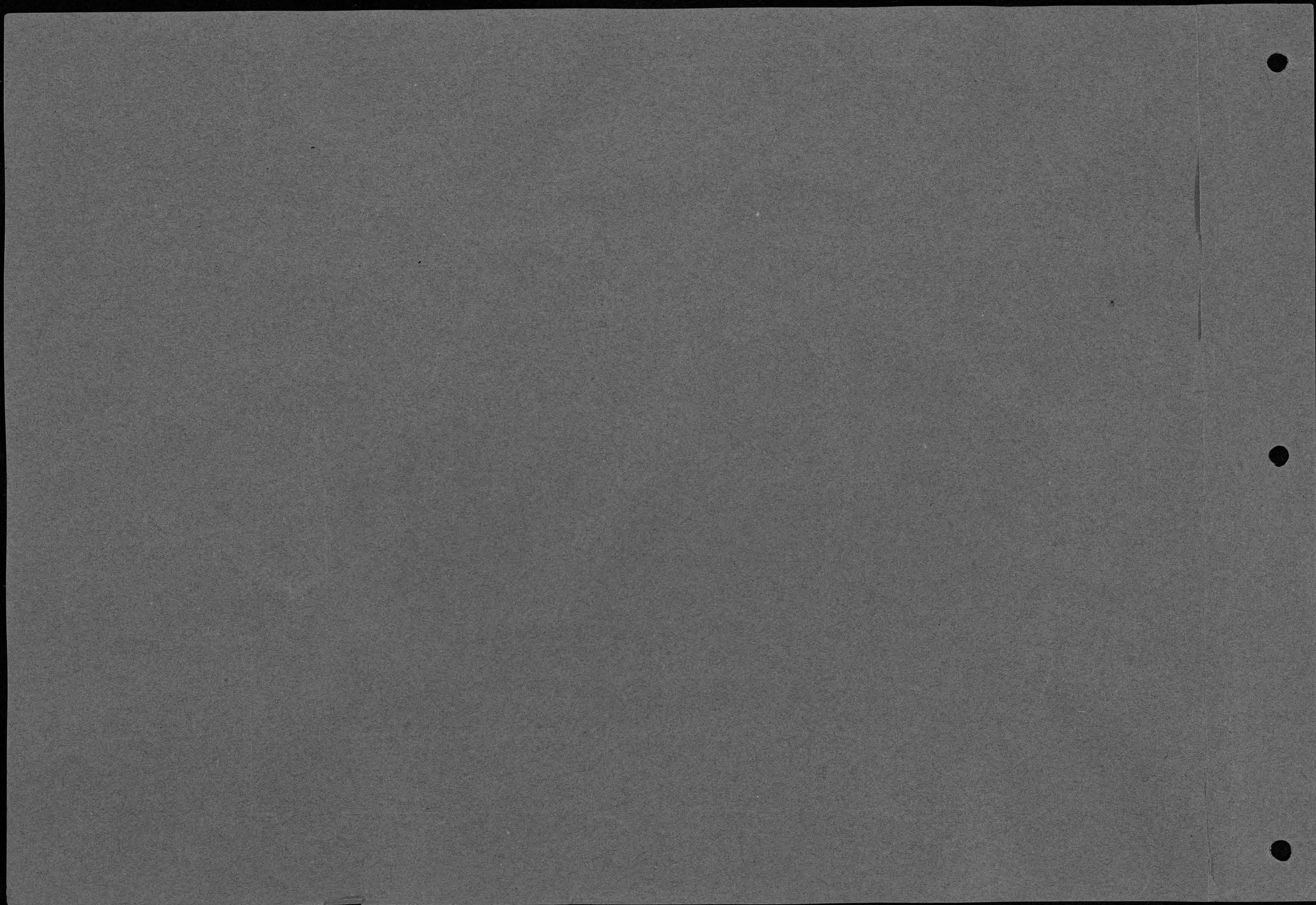
LOCATION _____

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

BLACK SMITH SHOP

PLACE.....

DATE *MAR 13, '09* } A.M.
P.M.

PLATE..... } RAY FILTER
BACKED

ACTINOMETER TIME..... M..... S.

LENGTH EXPOSURE..... M..... S.

STOP { F.....
U. S.....

LENS { DOUBLE..... FOCUS.....
BACK..... FOCUS.....

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR

☐ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE NO. *569*

LOCATION.....

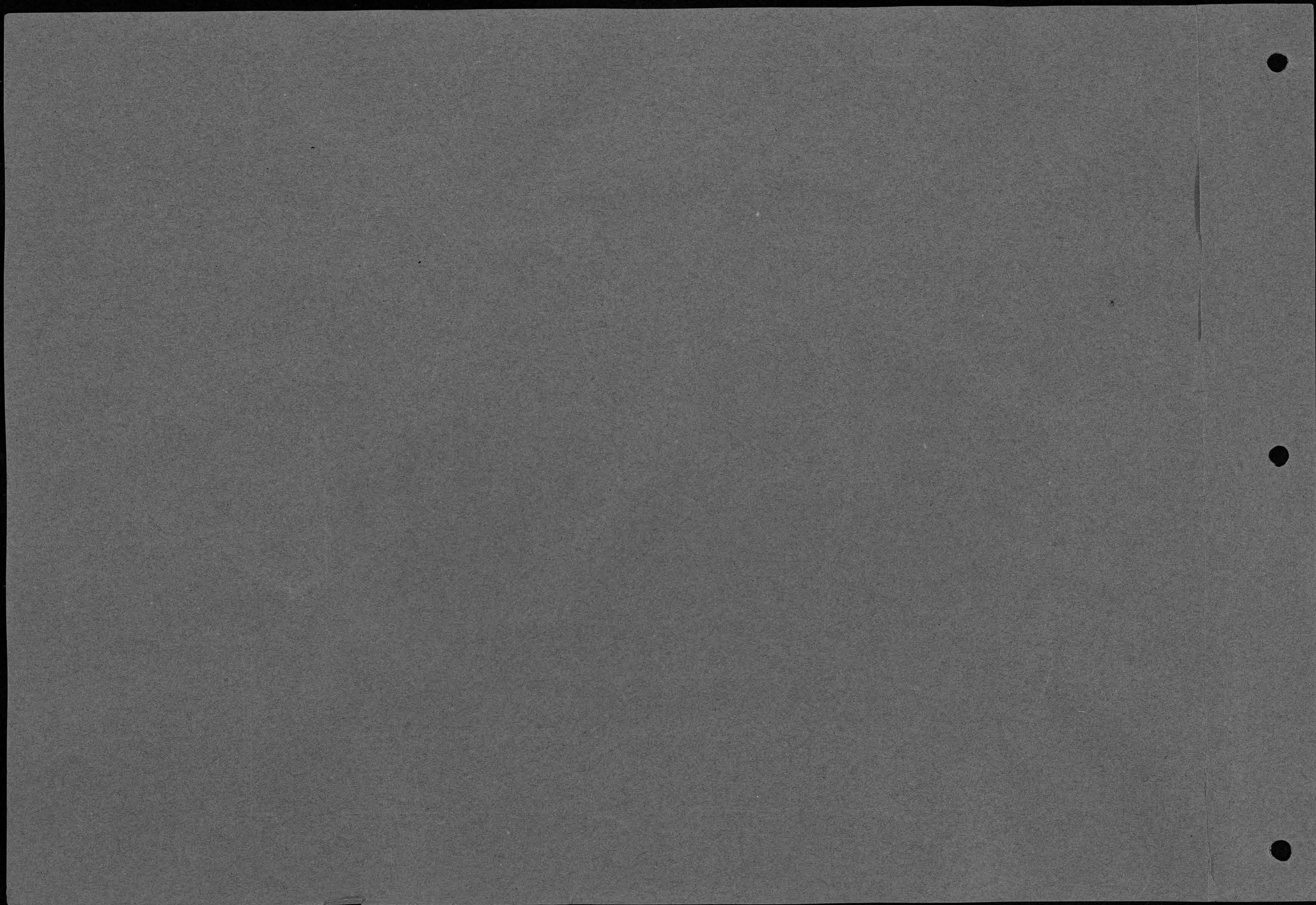
FILE.....

PHOTOGRAPHER

DR. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

BLACK SMITH SHOP

PLACE

DATE *MAR. 7-1910* } A.M.
P.M.

PLATE } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR

☐ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE NO. *S-72*

LOCATION

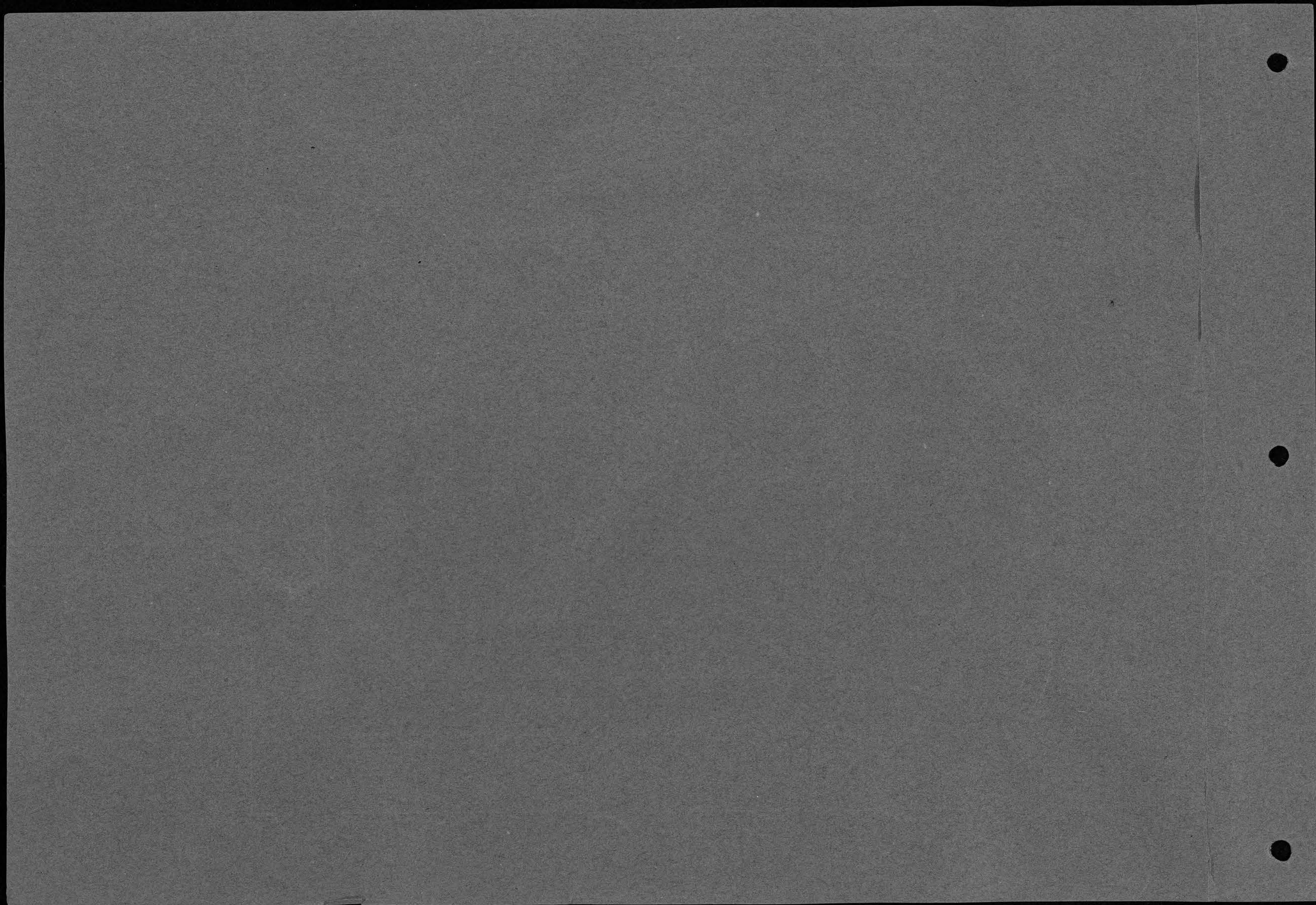
FILE

PHOTOGRAPHER

DR. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

BLACK SMITH SHOP

PLACE

DATE *MAR 22, '11* } A.M.
P.M.

PLATE } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP } F.
U. S.

LENS } DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR

☐ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE No. *522*

LOCATION

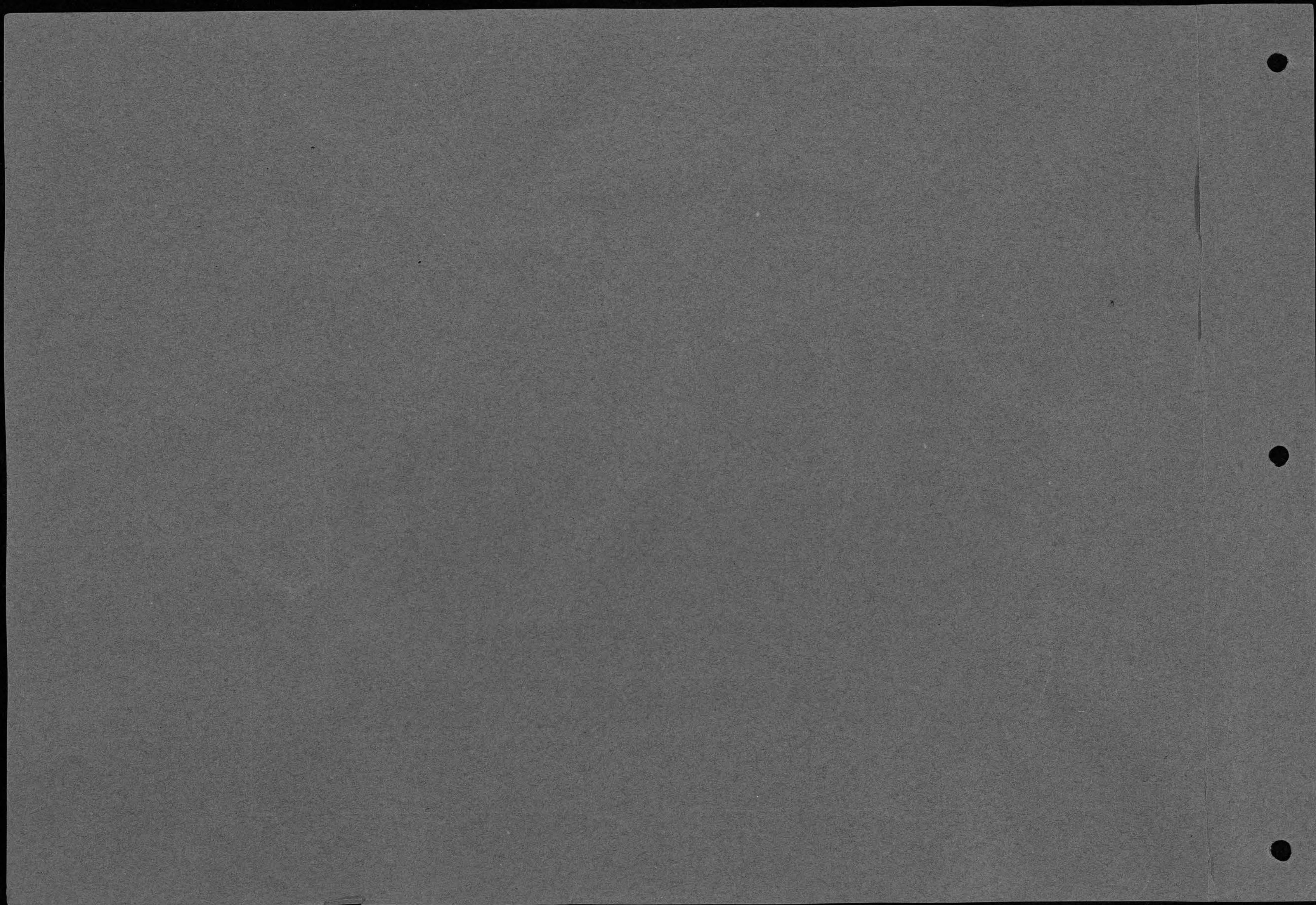
FILE

PHOTOGRAPHER

DR. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

BLACKSMITH SHOP

PLACE K.S.A.C.

DATE..... A.M.
..... P.M.

PLATE..... RAY FILTER
..... BACKED

ACTINOMETER TIME..... M..... S.

LENGTH EXPOSURE..... M..... S.

STOP { F.....
U. S.....

LENS { DOUBLE..... FOCUS
BACK..... FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 541

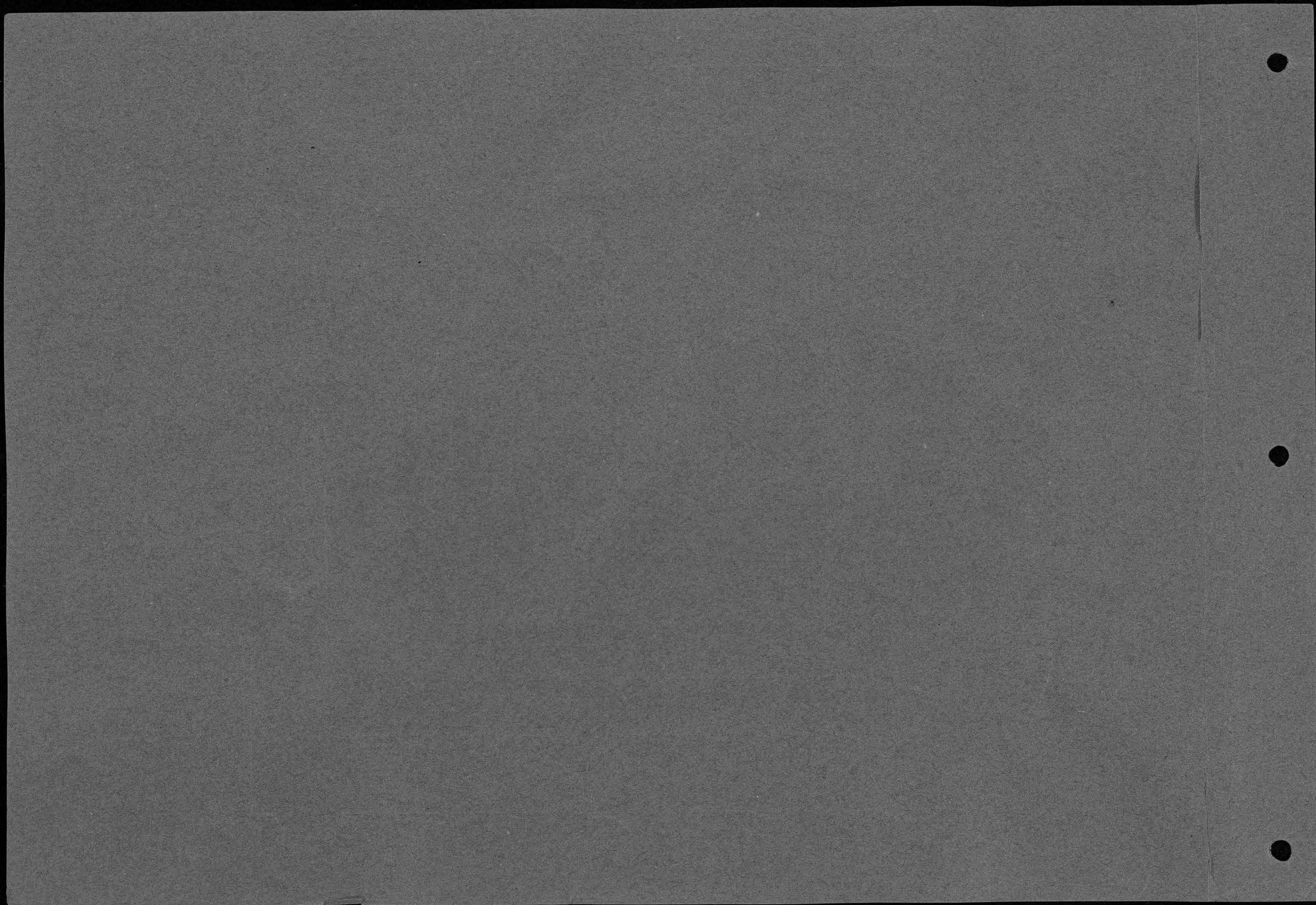
LOCATION K.S.A.C.

FILE.....

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

BLACKSMITH SHOP
IN CONSTRUCTION

PLACE *K.S.A.C.*

DATE *1909* A.M.
P.M.

PLATE..... RAY FILTER
BACKED

ACTINOMETER TIME..... M..... S.

LENGTH EXPOSURE..... M..... S.

STOP { F.....
U. S.....

LENS { DOUBLE..... FOCUS.....
BACK..... FOCUS.....

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☒ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. *510*

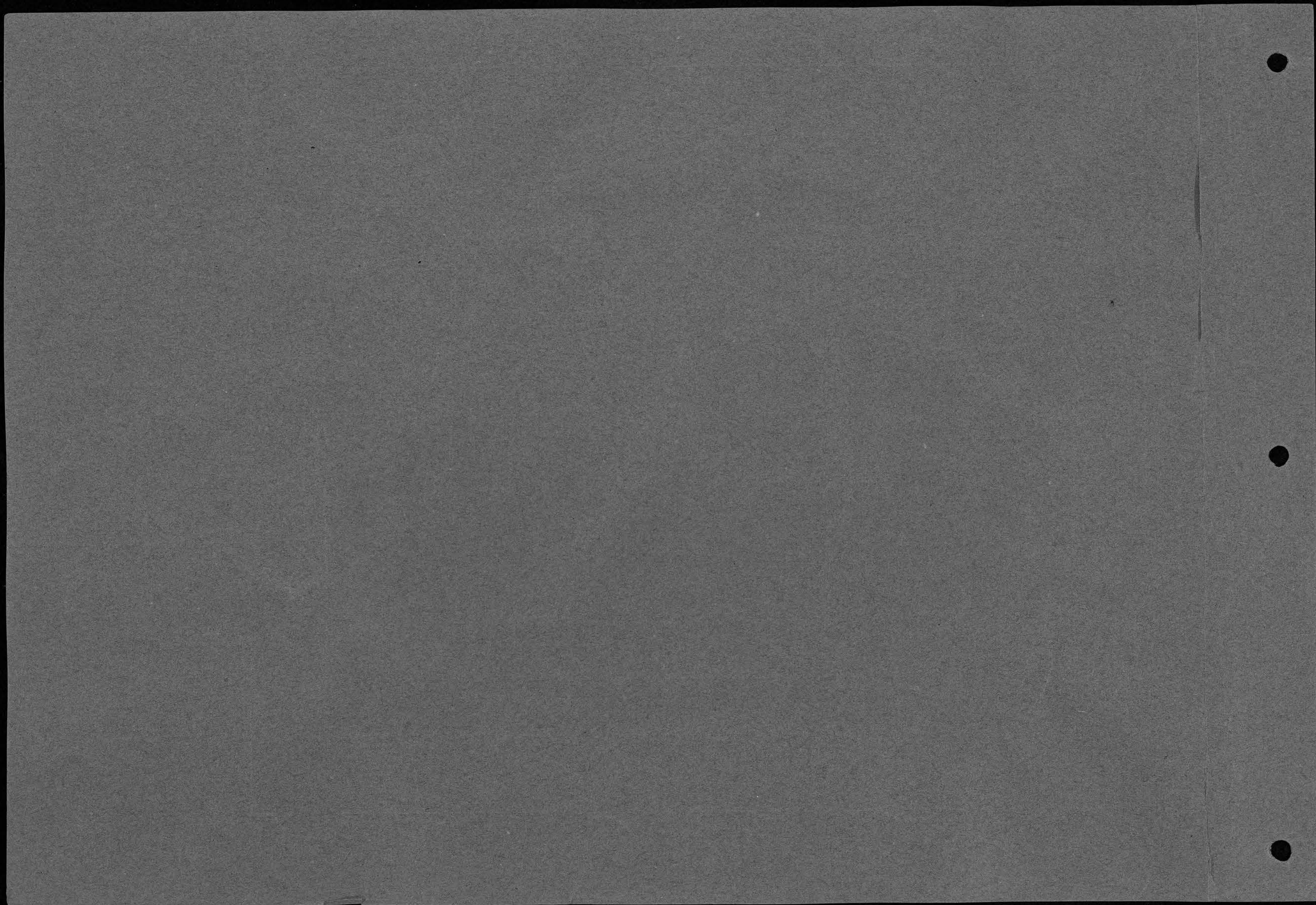
LOCATION *K.S.A.C.*

FILE.....

PHOTOGRAPHER.....



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

BLACKSMITH SHOP

PLACE K.S.A.C.

DATE 1914 } A.M.
P.M.

PLATE } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 5.36

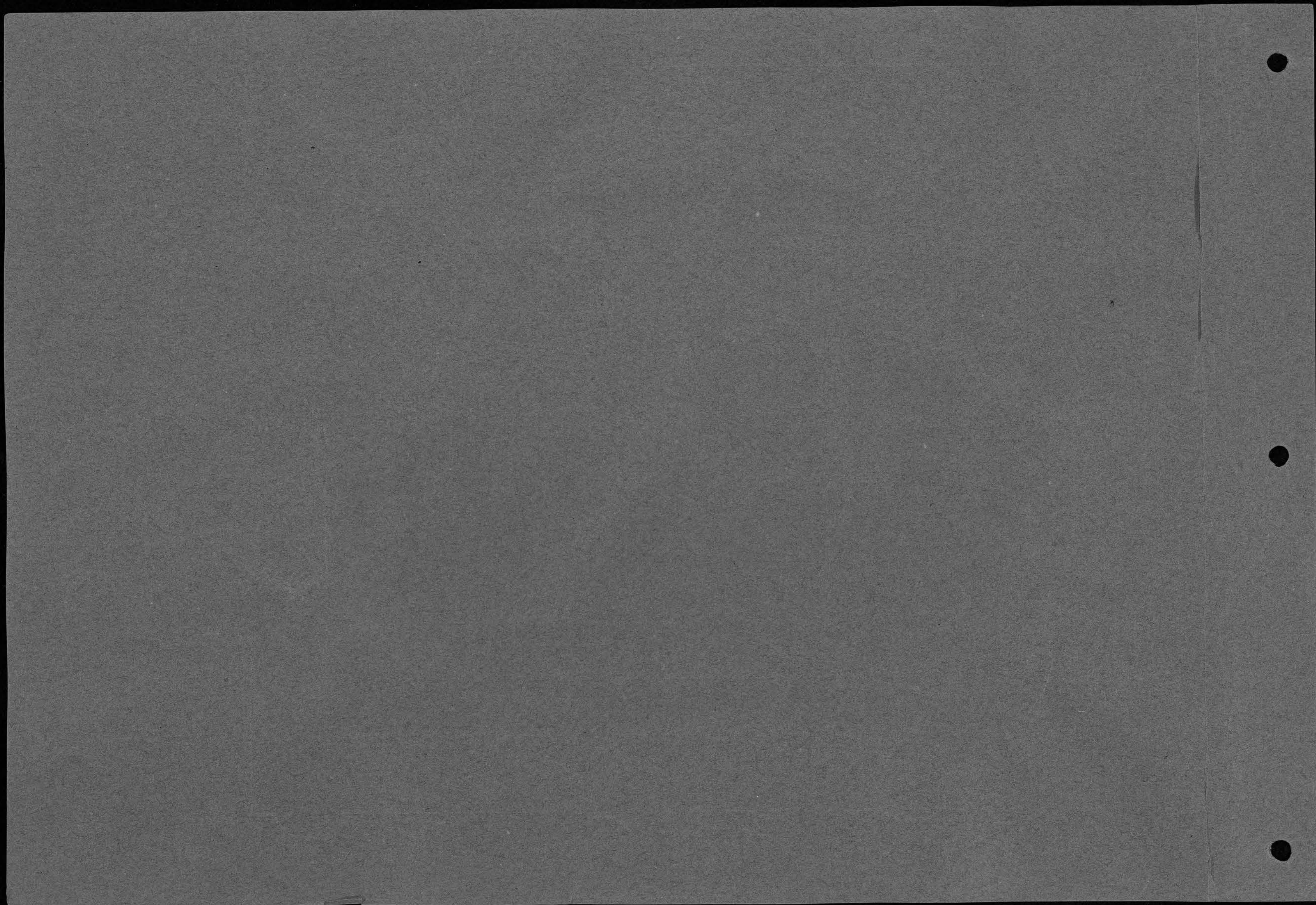
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

OLD BLACKSMITH
SHOP

PLACE K.S.A.C.

DATE MAY 3, 1907 A.M.
P.M.

PLATE RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP F.
U. S.

LENS DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 518

LOCATION K.S.A.C.

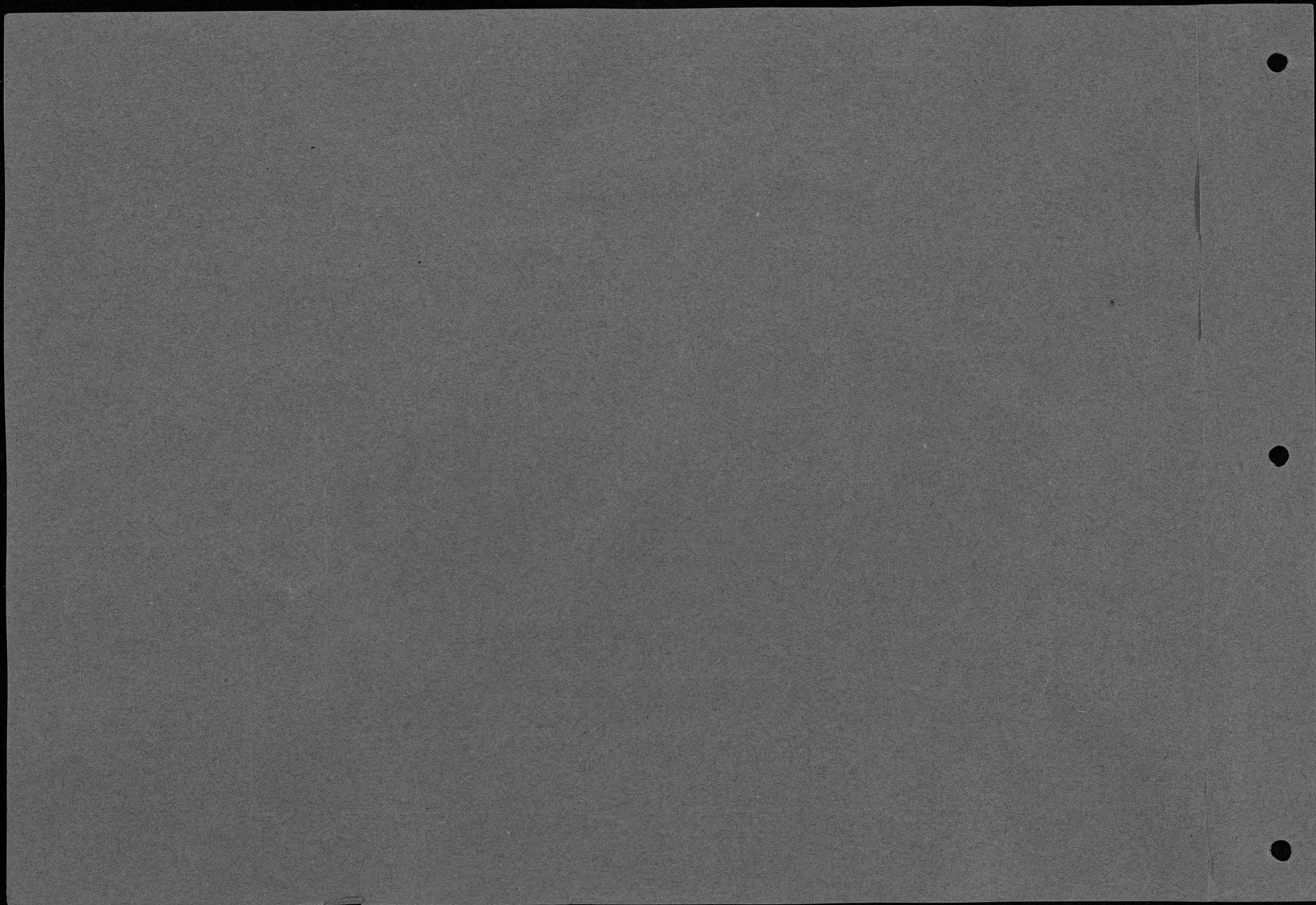
FILE

PHOTOGRAPHER

Howard M. Chadwick



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

BLACKSMITH SHOP

PLACE K.S.A.C.

DATE 1914 } A.M.
P.M.

PLATE } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP } F.
U. S.

LENS } DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. 562

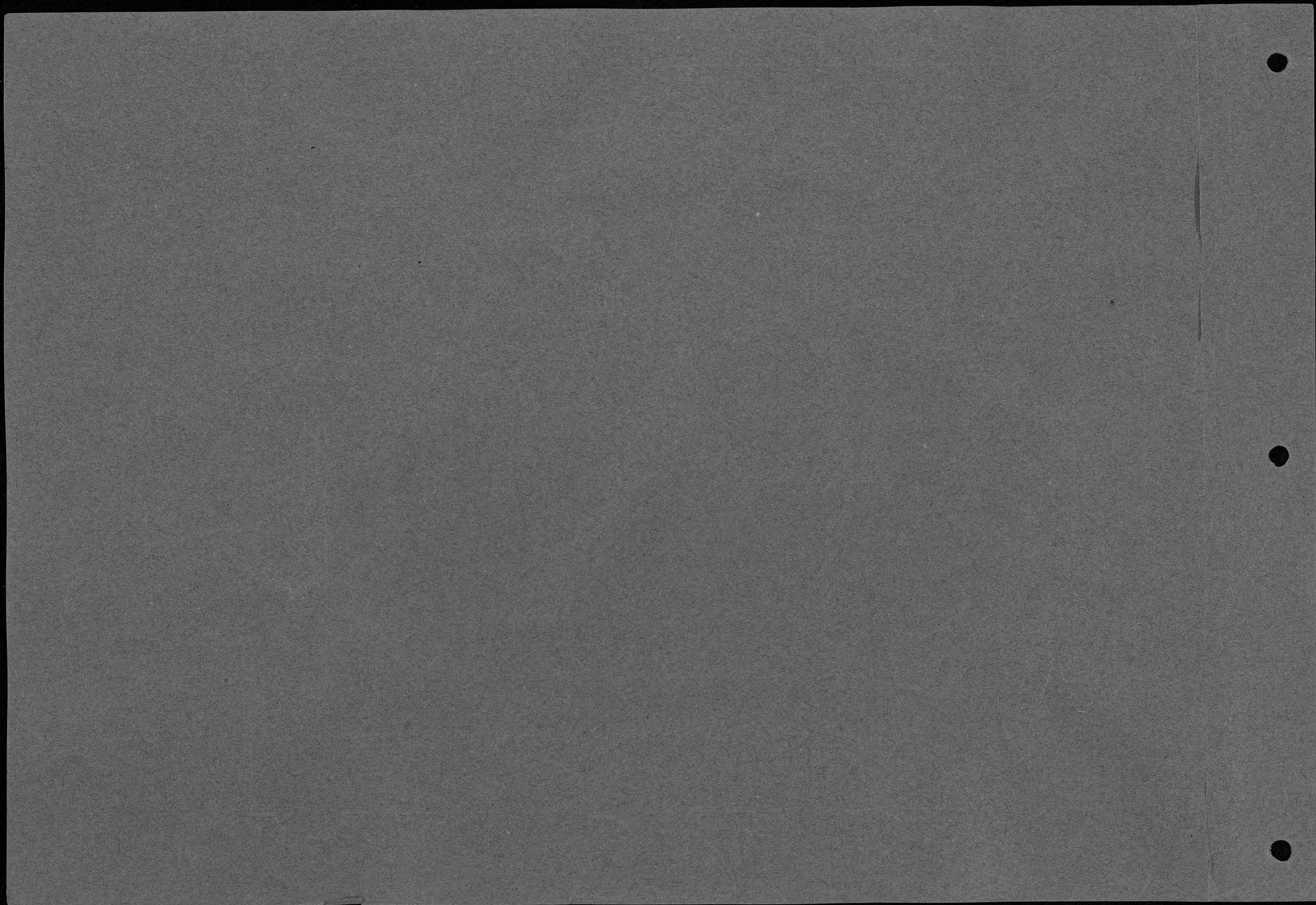
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

WIRE FENCE MACHINE
REBUILT AT K.S.A.C.

PLACE K.S.A.C.

DATE..... } A.M.
 } P.M.

PLATE..... } RAY FILTER
 } BACKED

ACTINOMETER TIME..... M..... S.

LENGTH EXPOSURE..... M..... S.

STOP { F.....
 { U. S.....

LENS { DOUBLE..... FOCUS.....
 { BACK..... FOCUS.....

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. U-63

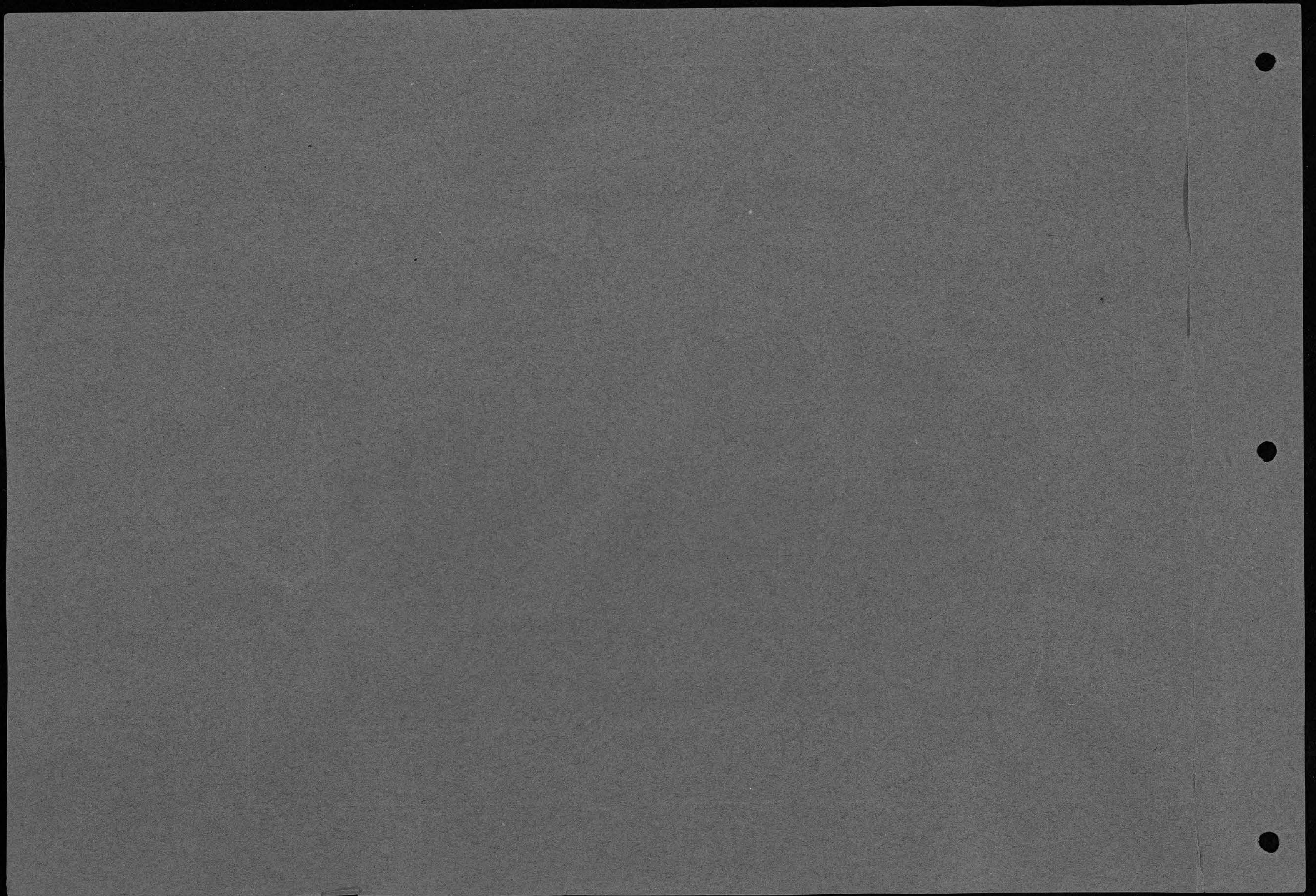
LOCATION K.S.A.C.

FILE.....

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

WIRE FENCE MACHINE
REBUILT AT K.S.A.C.

PLACE K.S.A.C.

DATE..... A.M.
..... P.M.

PLATE..... RAY FILTER
..... BACKED

ACTINOMETER TIME..... M. S.

LENGTH EXPOSURE..... M. S.

STOP { F.....
U. S.....

LENS { DOUBLE..... FOCUS.....
BACK..... FOCUS.....

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. U-62

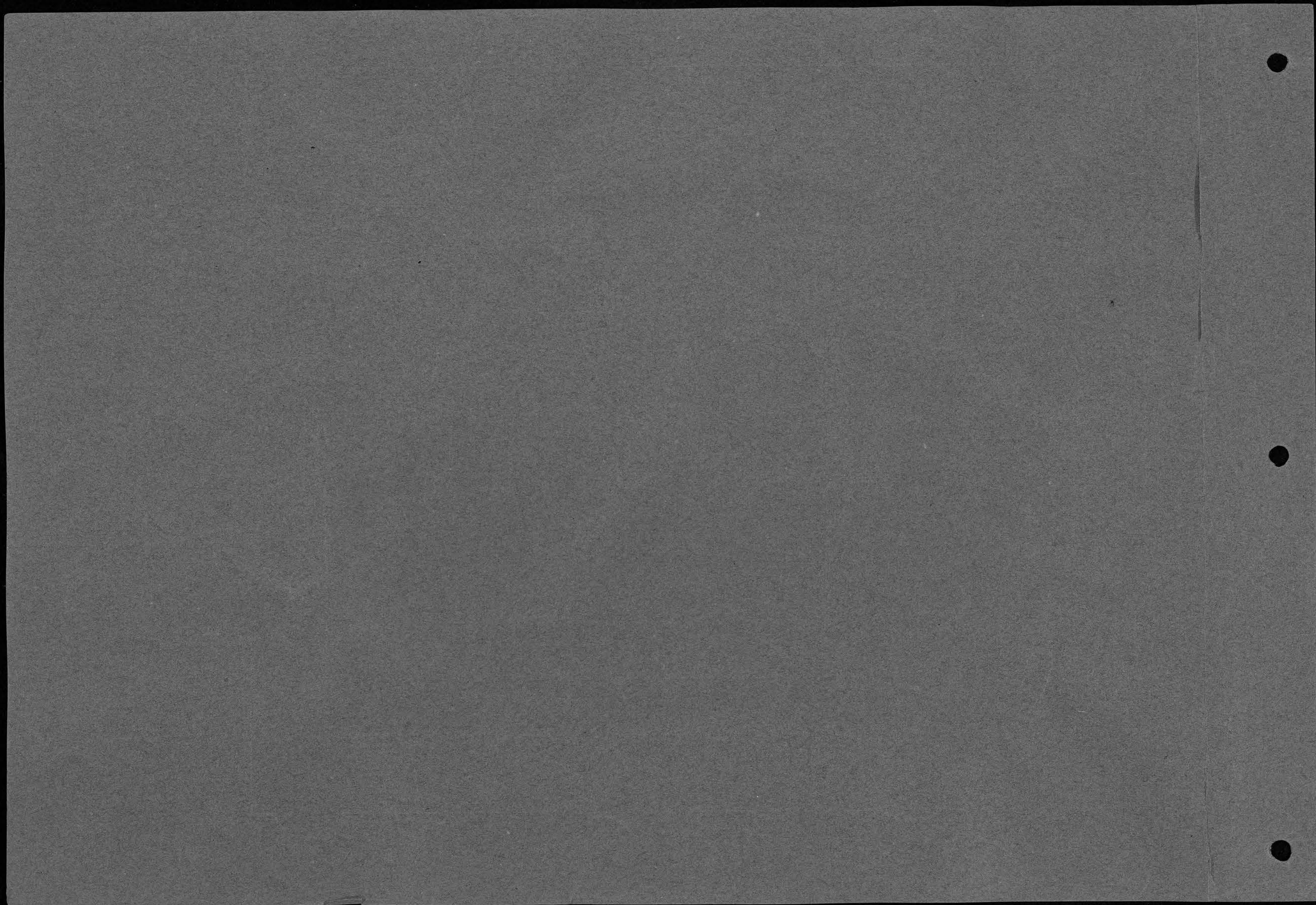
LOCATION K.S.A.C.

FILE.....

PHOTOGRAPHER.....



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

WIRE FENCE MACHINE

REBUILT AT K.S.A.C.

PLACE K.S.A.C.

DATE..... {..... A.M.

..... P.M.

PLATE..... { RAY FILTER

BACKED

ACTINOMETER TIME..... M. S.

LENGTH EXPOSURE..... M. S.

STOP { F.

U. S.

LENS { DOUBLE..... FOCUS.....

BACK..... FOCUS.....

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR

☐ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE No. U-65

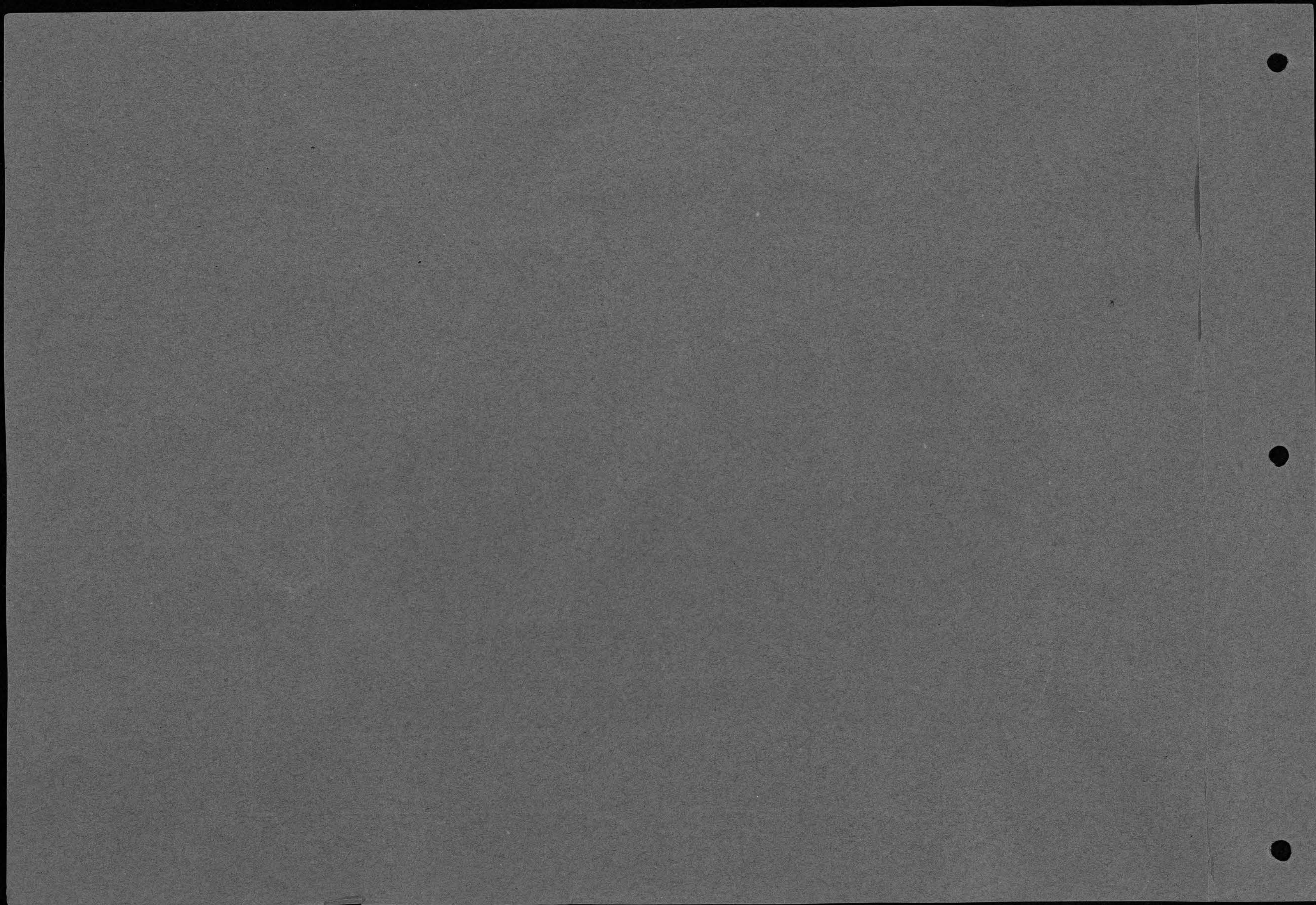
LOCATION K.S.A.C.

FILE.....

PHOTOGRAPHER.....



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

MACHINE SHOP
(OLD ARRANGEMENT)

PLACE *H.S.A.C.*

DATE _____ } _____ A. M.
 _____ } _____ P. M.

PLATE _____ } RAY FILTER
 } BACKED

ACTINOMETER TIME ----- M. ----- S.

LENGTH EXPOSUREM.S.

STOP { F. _____
U. S. _____

LENS { DOUBLE..... FOCUS.....
BACK..... FOCUS.....

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR

☐ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

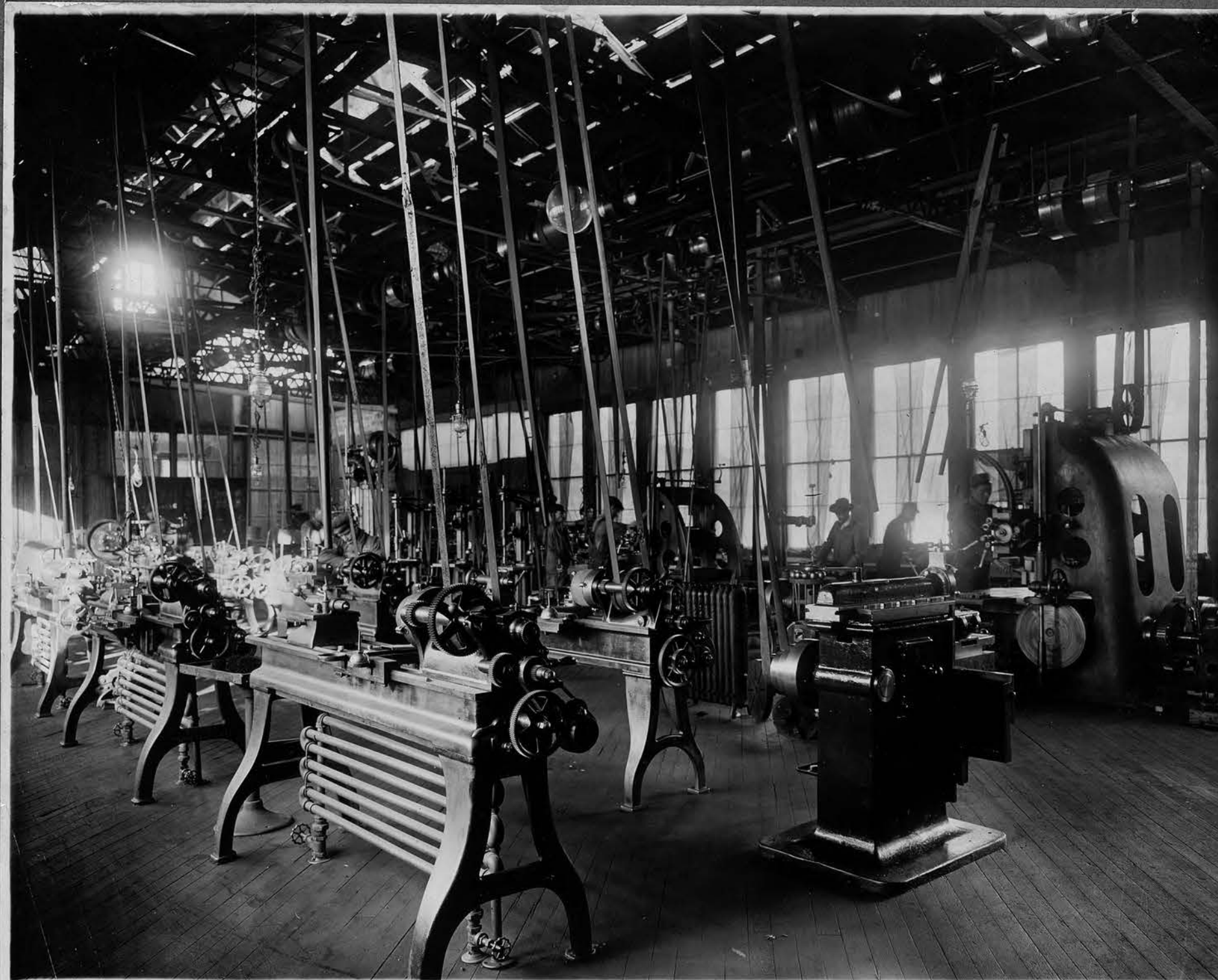
NEGATIVE NO. 5-58

LOCATION -

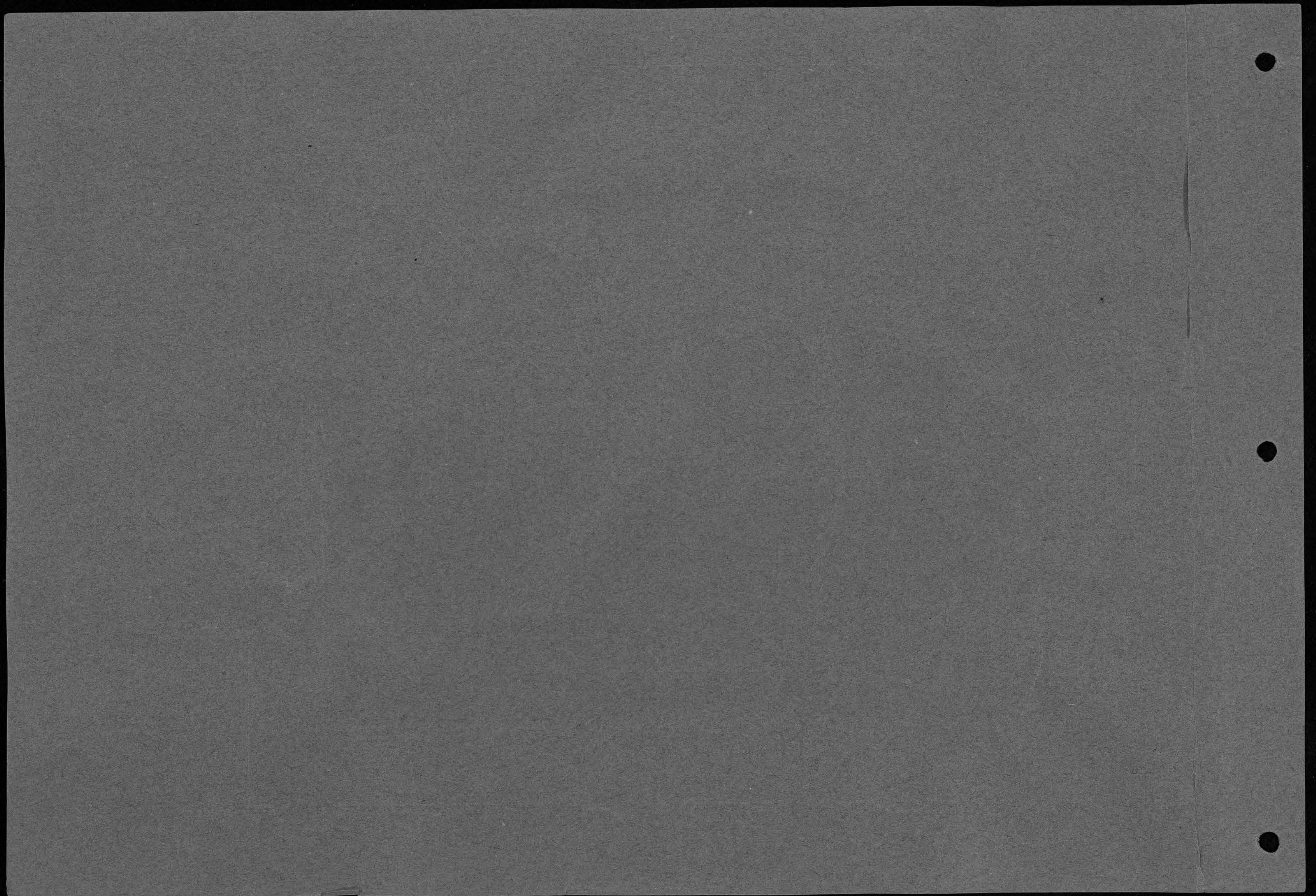
FILE -

PHOTOGRAPHER

DR. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN





KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN

FILE No.

SUBJECT:

VERTICAL BORING MILL
MACHINE SHOP

PLACE K.S.A.C.

DATE A.M. P.M.

PLATE RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP F. U. S.

LENS DOUBLE BACK FOCUS FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

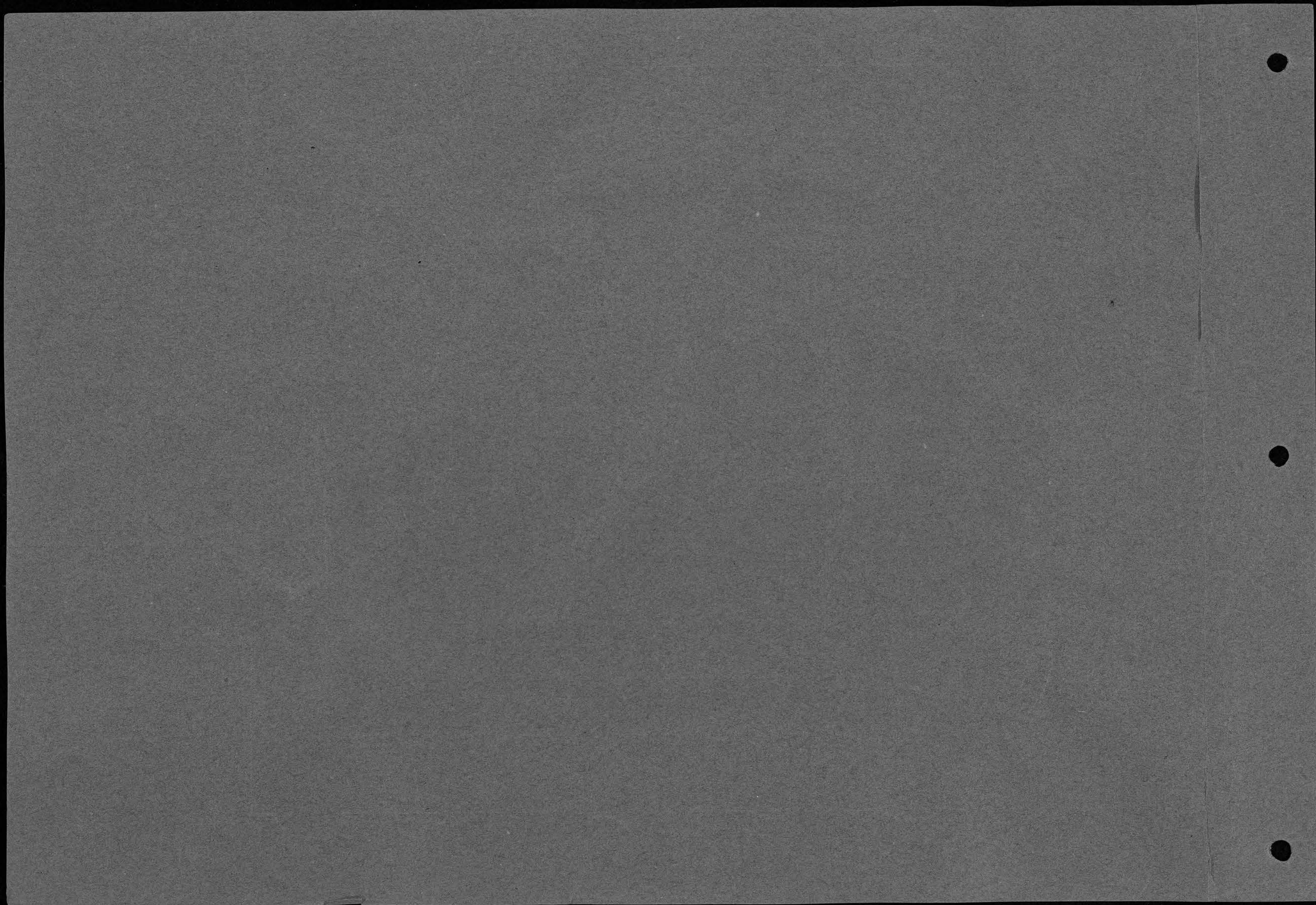
NEGATIVE No. S-35

LOCATION

FILE

PHOTOGRAPHER

DR. ORR



FILE..... No.....

SUBJECT:

MACHINE SHOPS

PLACE

DATE } A.M.
P.M.

PLATE } RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. S-7

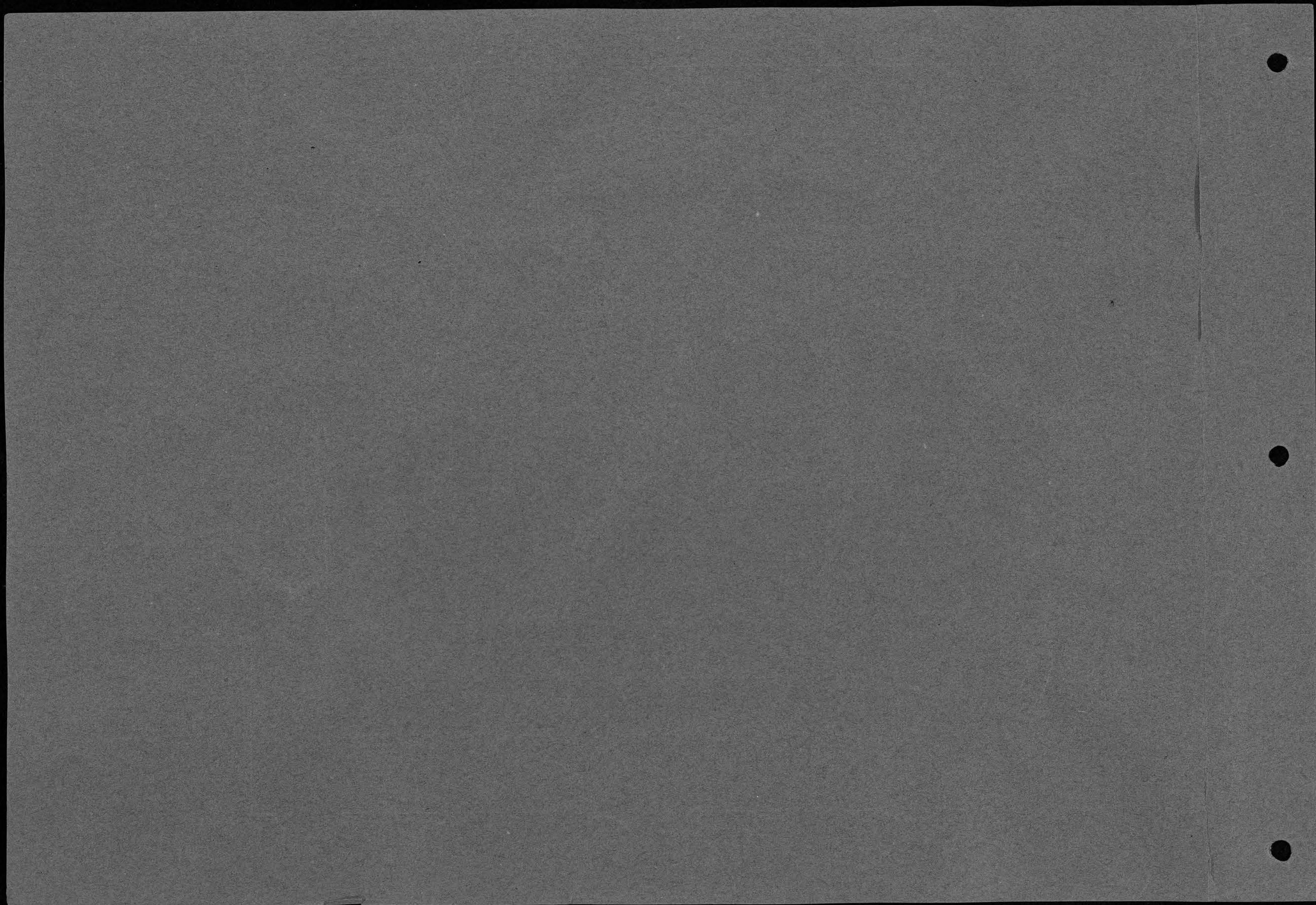
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

MACHINE SHOP

OLD ARRANGEMENT

PLACE K.S.A.C.

DATE JULY 18, 1912 A.M.
P.M.

PLATE ~~RAY-FILTER~~
~~BACKED~~

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
U. S.

LENS { DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

☒ EXTERIOR ☐ INTERIOR

☒ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☒ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

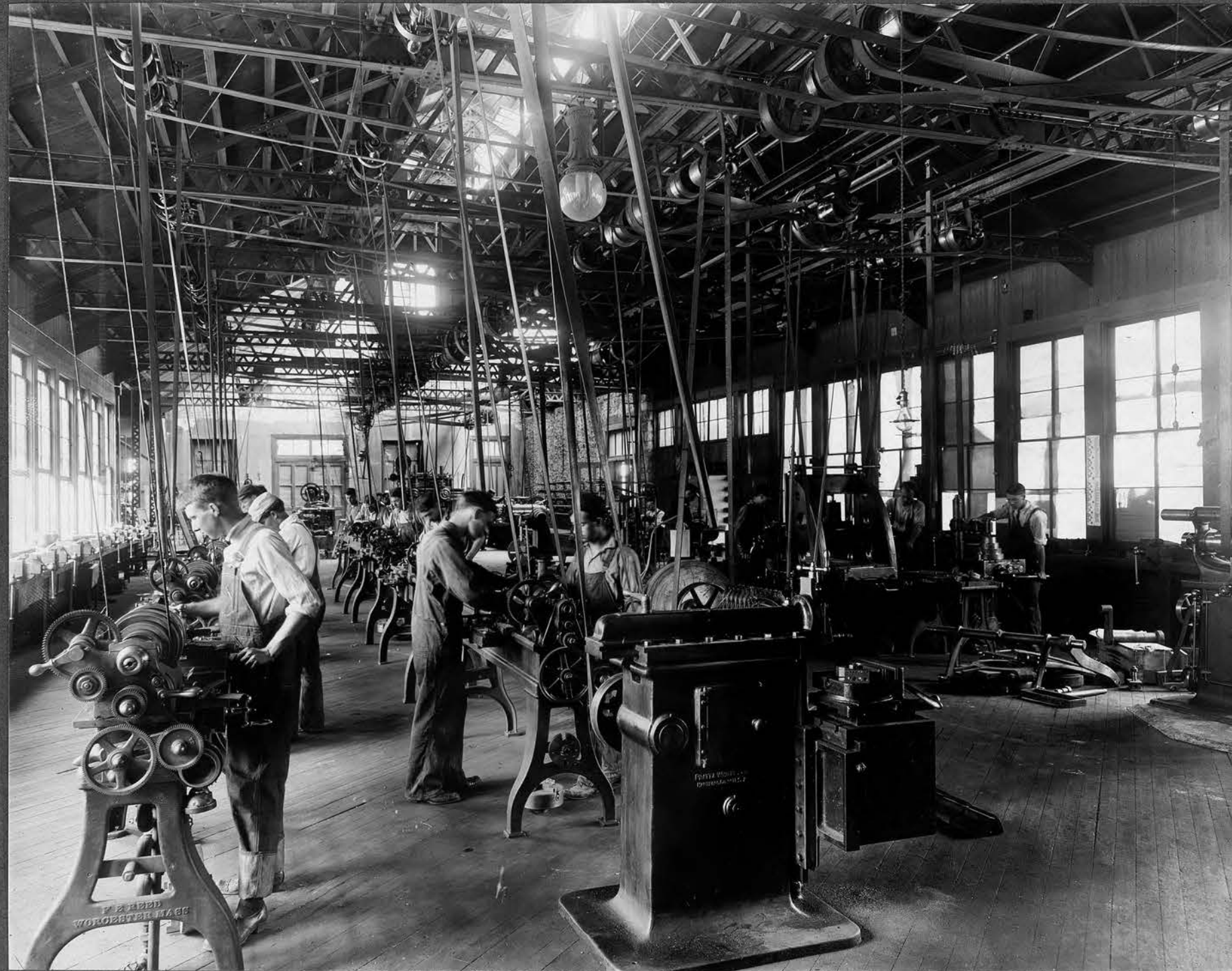
☐ CLOUDY, DULL

NEGATIVE No. 571

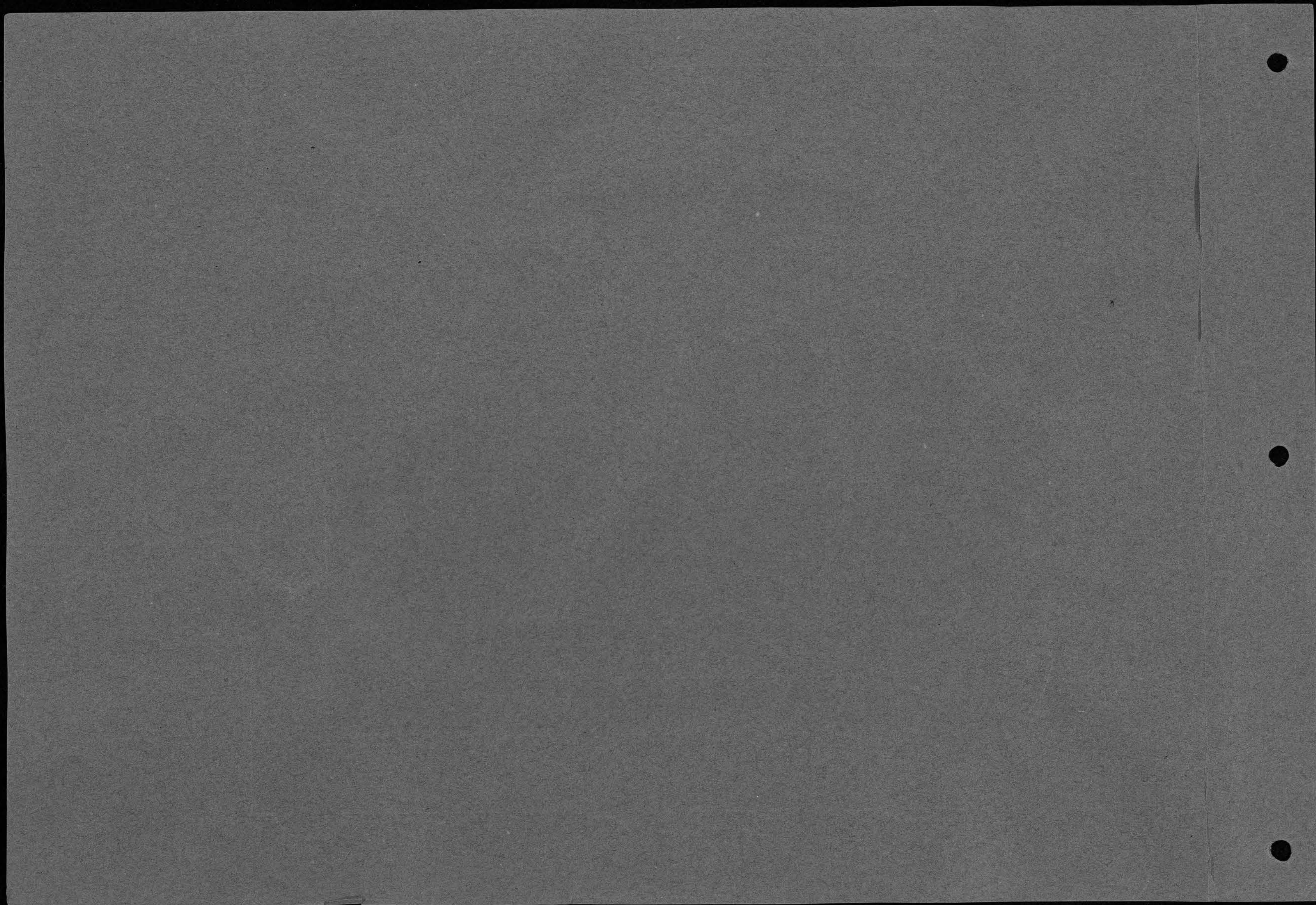
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

DOUBLE CRANK SHAPER
MACHINE SHOP (BUILT IN
SHOPS)

PLACE K. S. A. C.

DATE A.M. P.M.

PLATE RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP F. U. S.

LENS DOUBLE FOCUS
BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

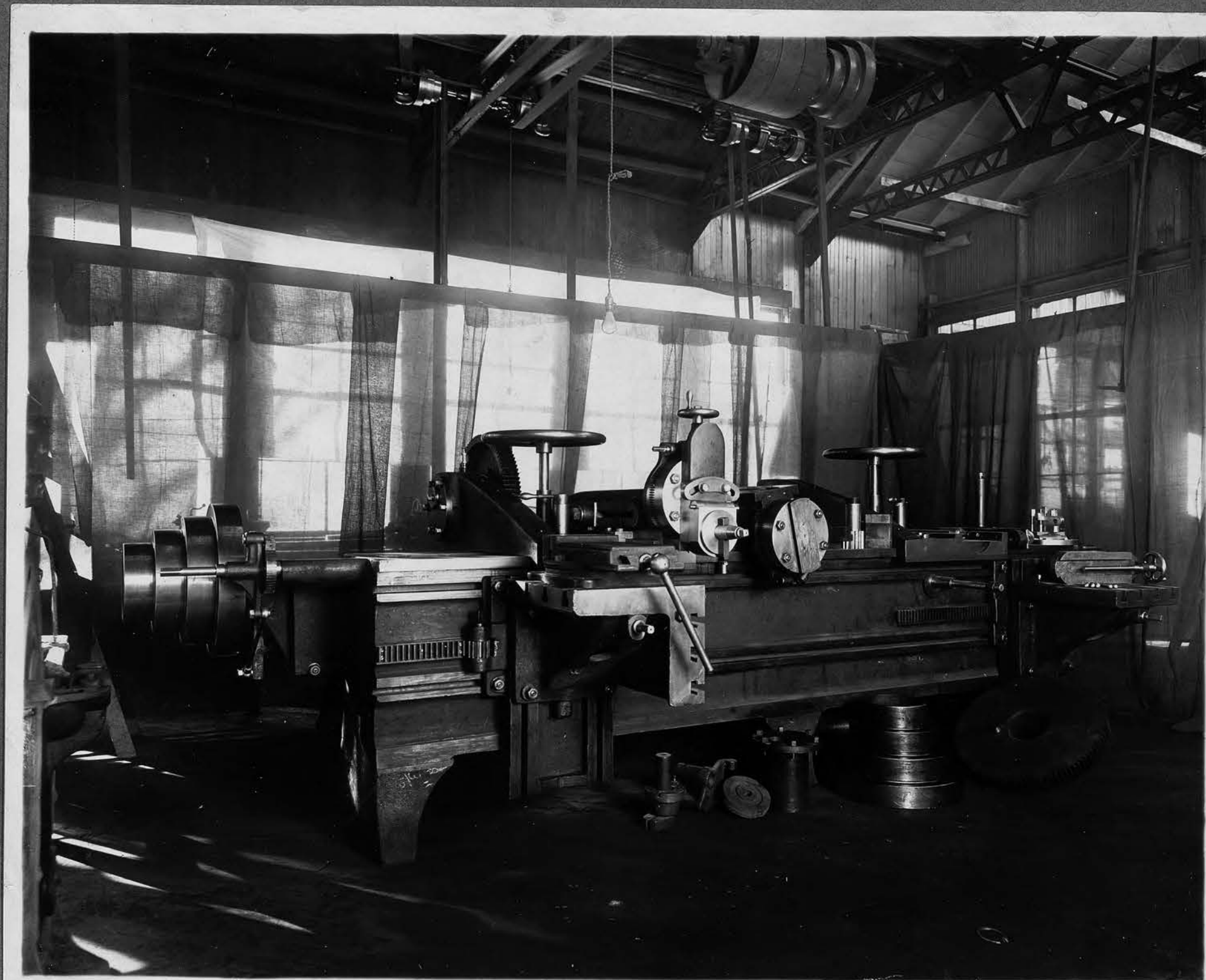
NEGATIVE NO. 597

LOCATION

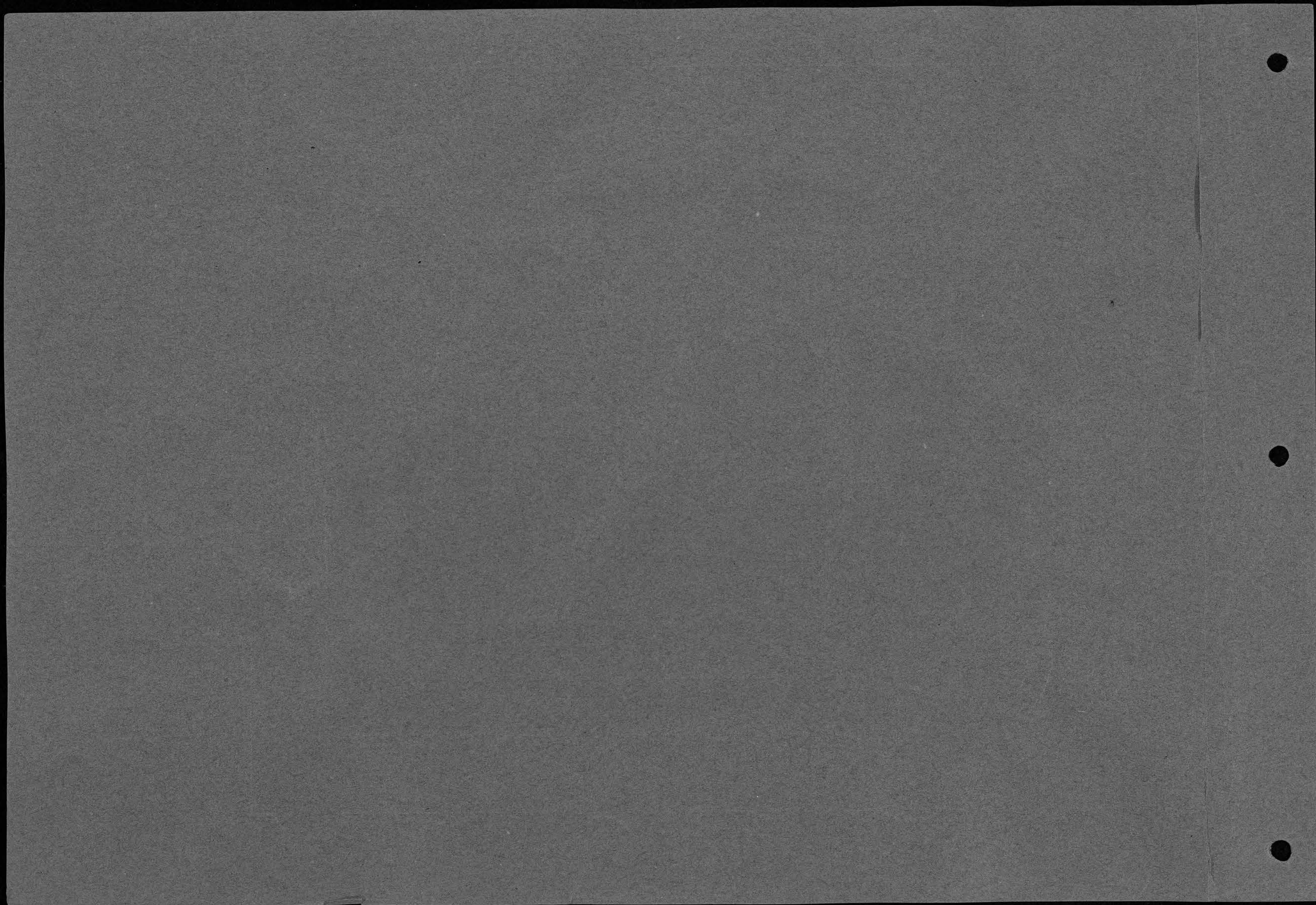
FILE

PHOTOGRAPHER

D. R. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

CRANK SHAPER MACHINE
SHOP (BUILT IN SHOPS)

PLACE K.S.A.C.

DATE..... A.M.
..... P.M.

PLATE..... RAY FILTER
..... BACKED

ACTINOMETER TIME..... M..... S.

LENGTH EXPOSURE..... M..... S.

STOP { F.....
U. S.....

LENS { DOUBLE..... FOCUS.....
BACK..... FOCUS.....

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

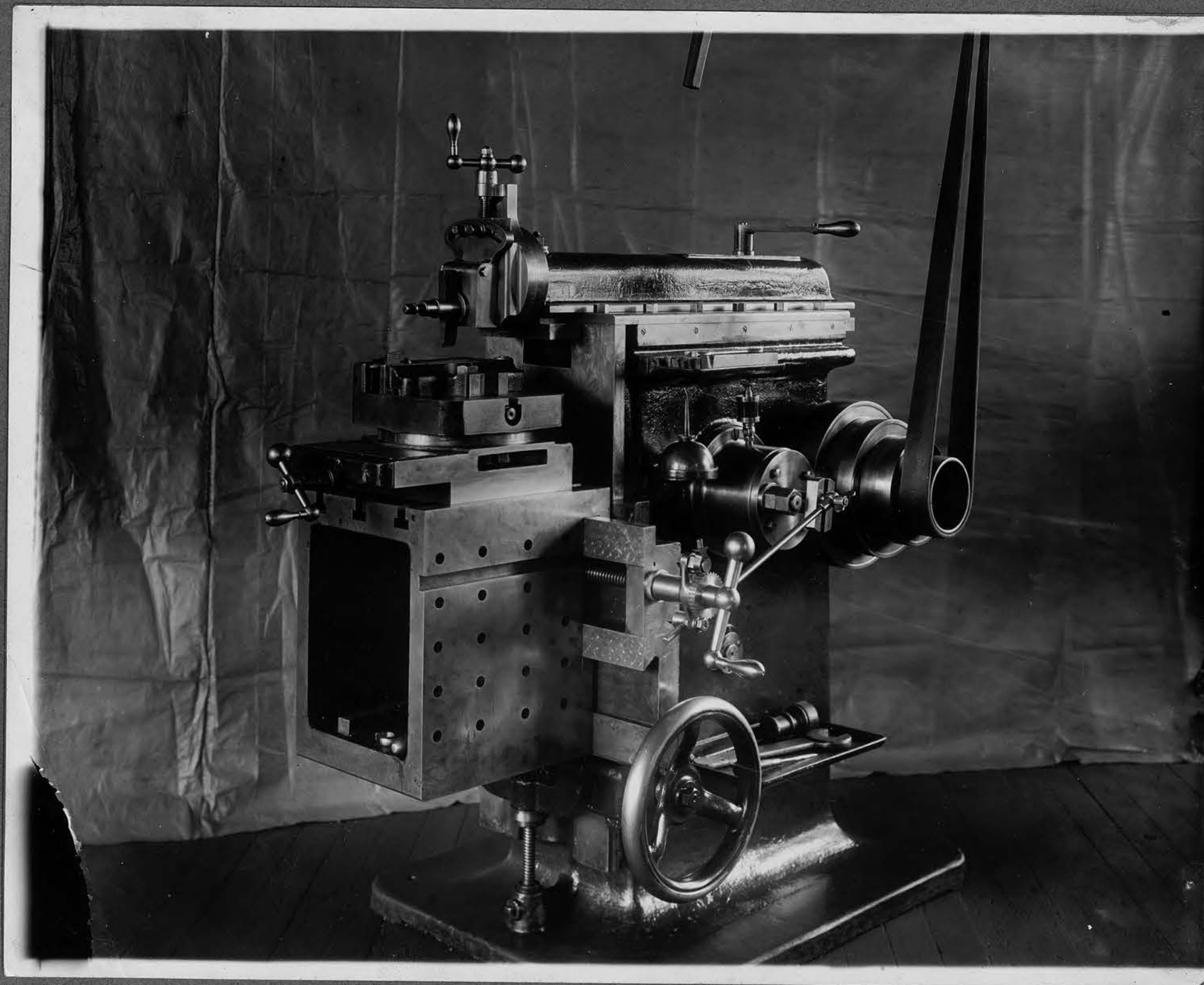
NEGATIVE No. 5-51

LOCATION.....

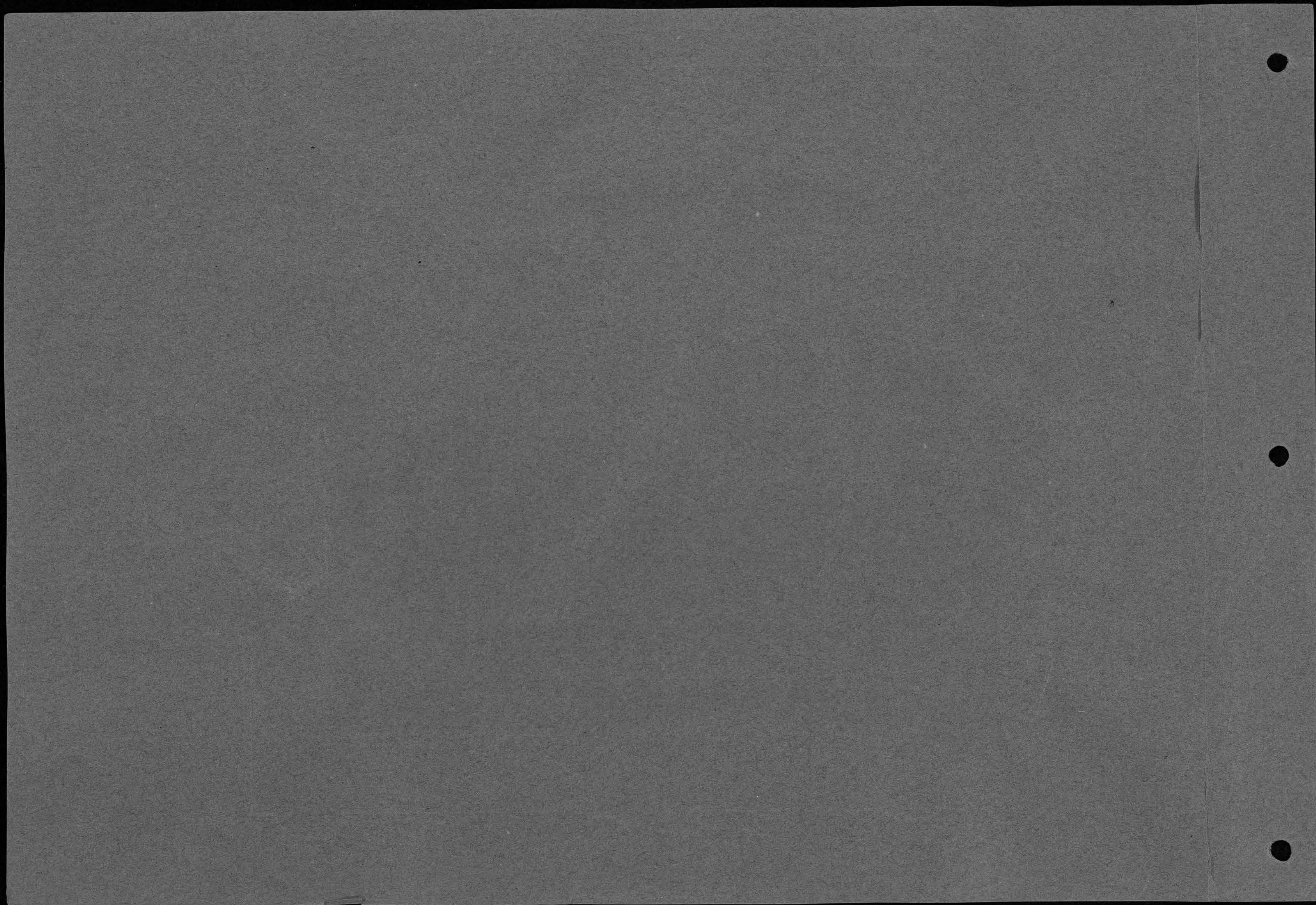
FILE.....

PHOTOGRAPHER

DR. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

MACHINE SHOPS.

PLACE K.S.A.C.

DATE MAR. 7, 1910 11:00 A.M.

PLATE _____ RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS _____
BACK _____ FOCUS _____

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR

☐ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE NO. 539

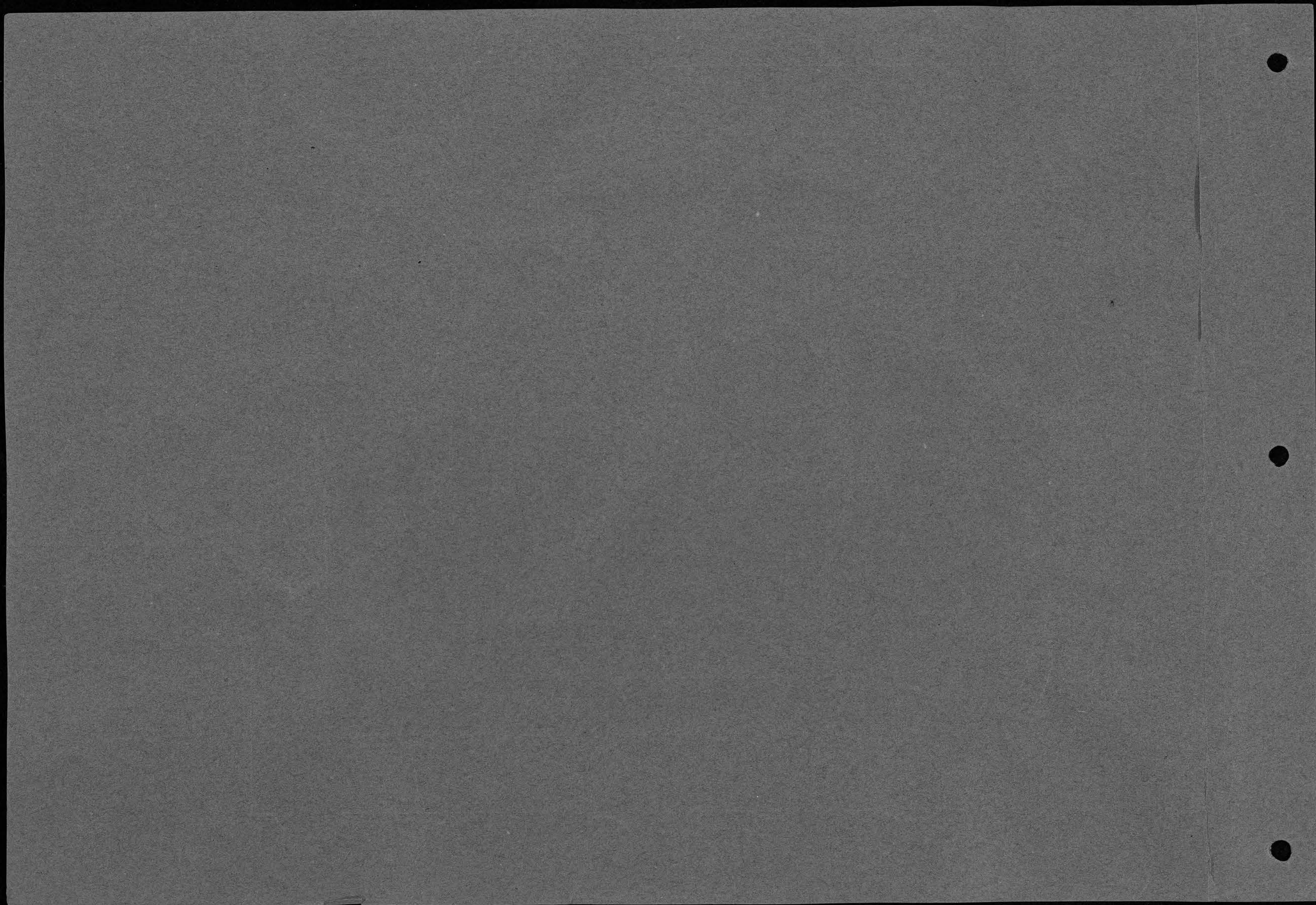
LOCATION K.S.A.C.

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

MACHINE SHOPS

PLACE K.S.A.C.

DATE..... A.M.
P.M.

PLATE..... RAY FILTER
BACKED

ACTINOMETER TIME..... M..... S.

LENGTH EXPOSURE..... M..... S.

STOP { F.....
U. S.....

LENS { DOUBLE..... FOCUS.....
BACK..... FOCUS.....

CONDITIONS:

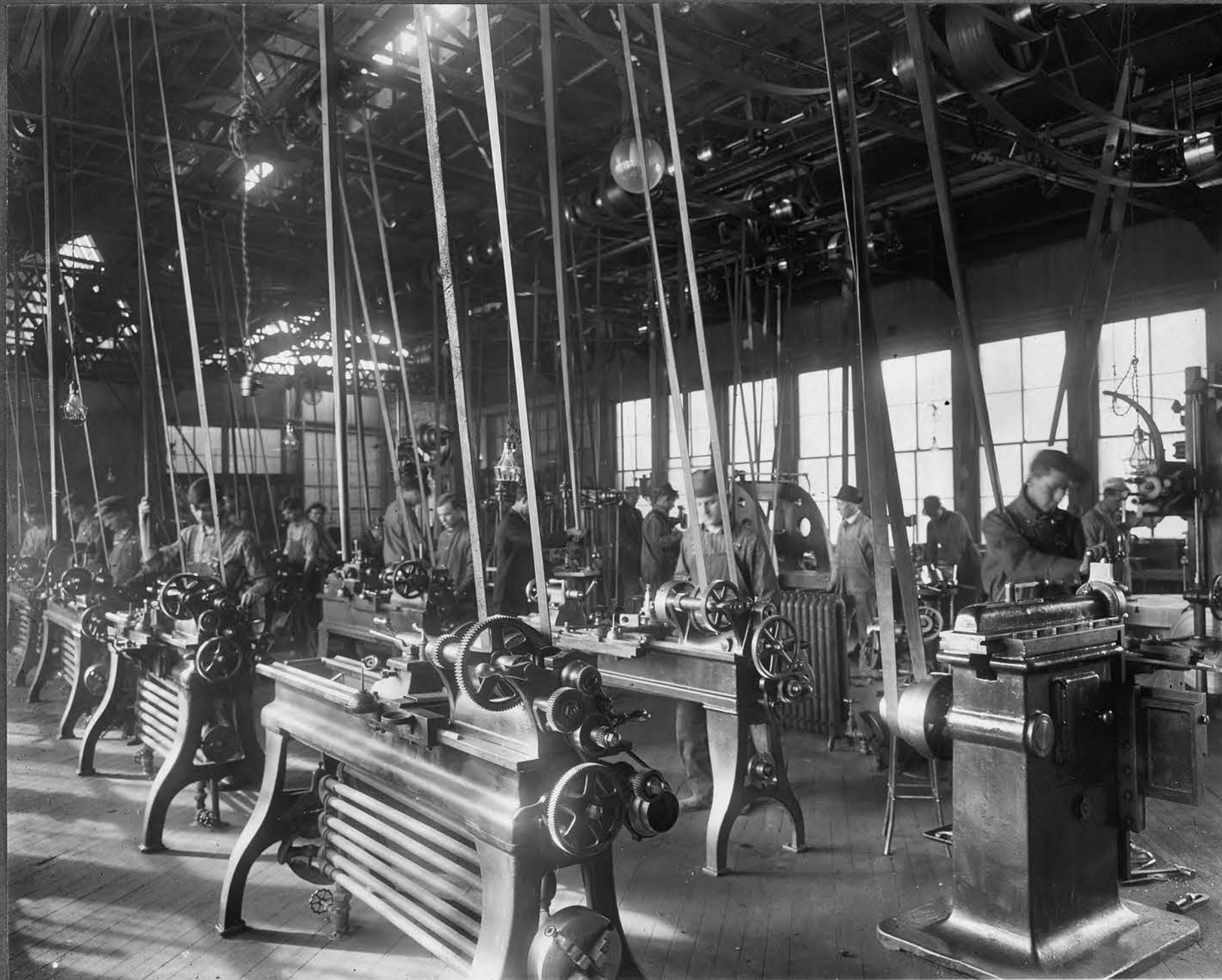
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. 58

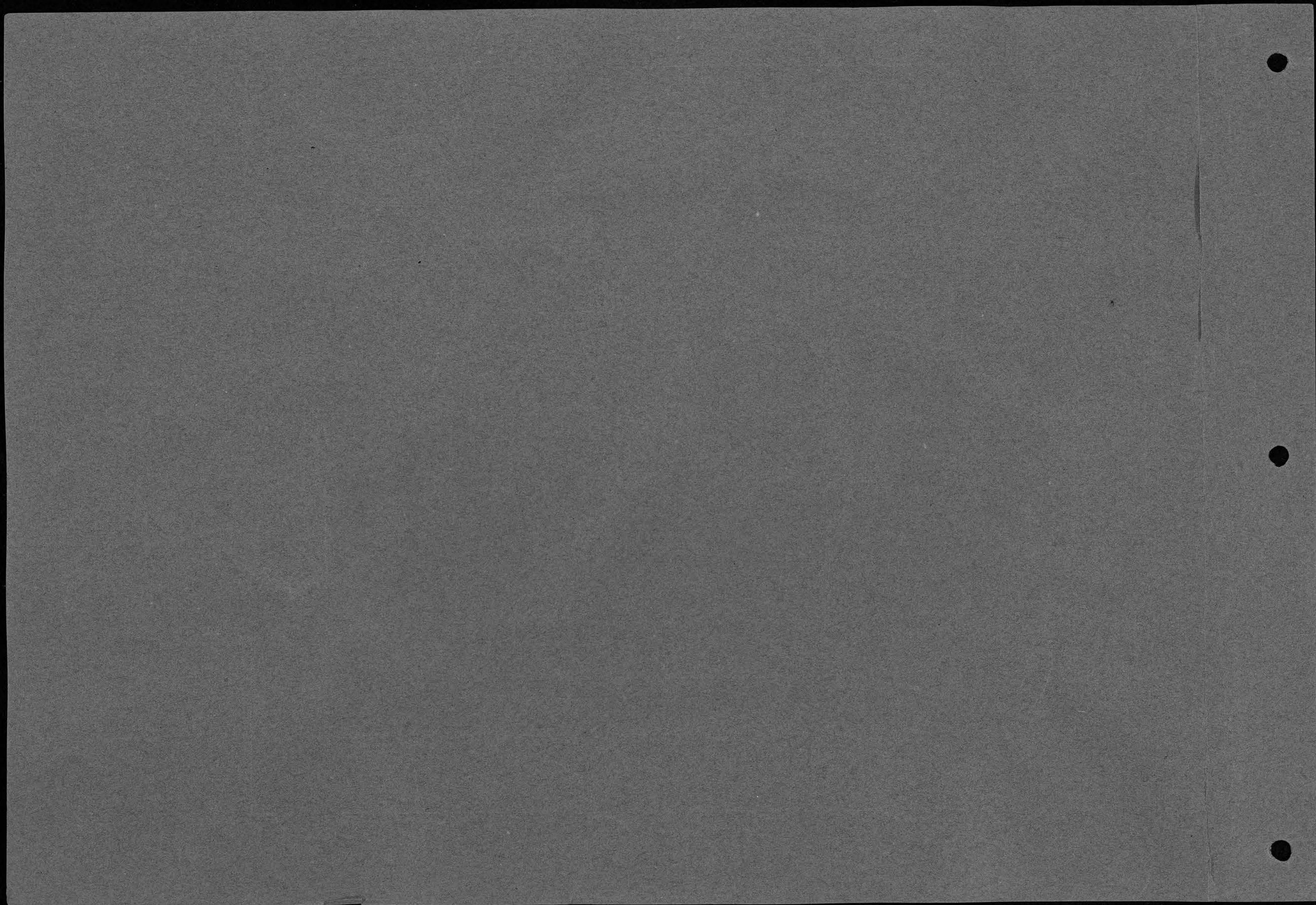
LOCATION.....

FILE.....

PHOTOGRAPHER.....



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

MACHINE SHOP

PLACE K.S.A.C.

DATE 1914 { _____ A.M.
_____ P.M.

PLATE _____ { RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____

LENS { DOUBLE _____ FOCUS _____
BACK _____ FOCUS _____

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. S-92

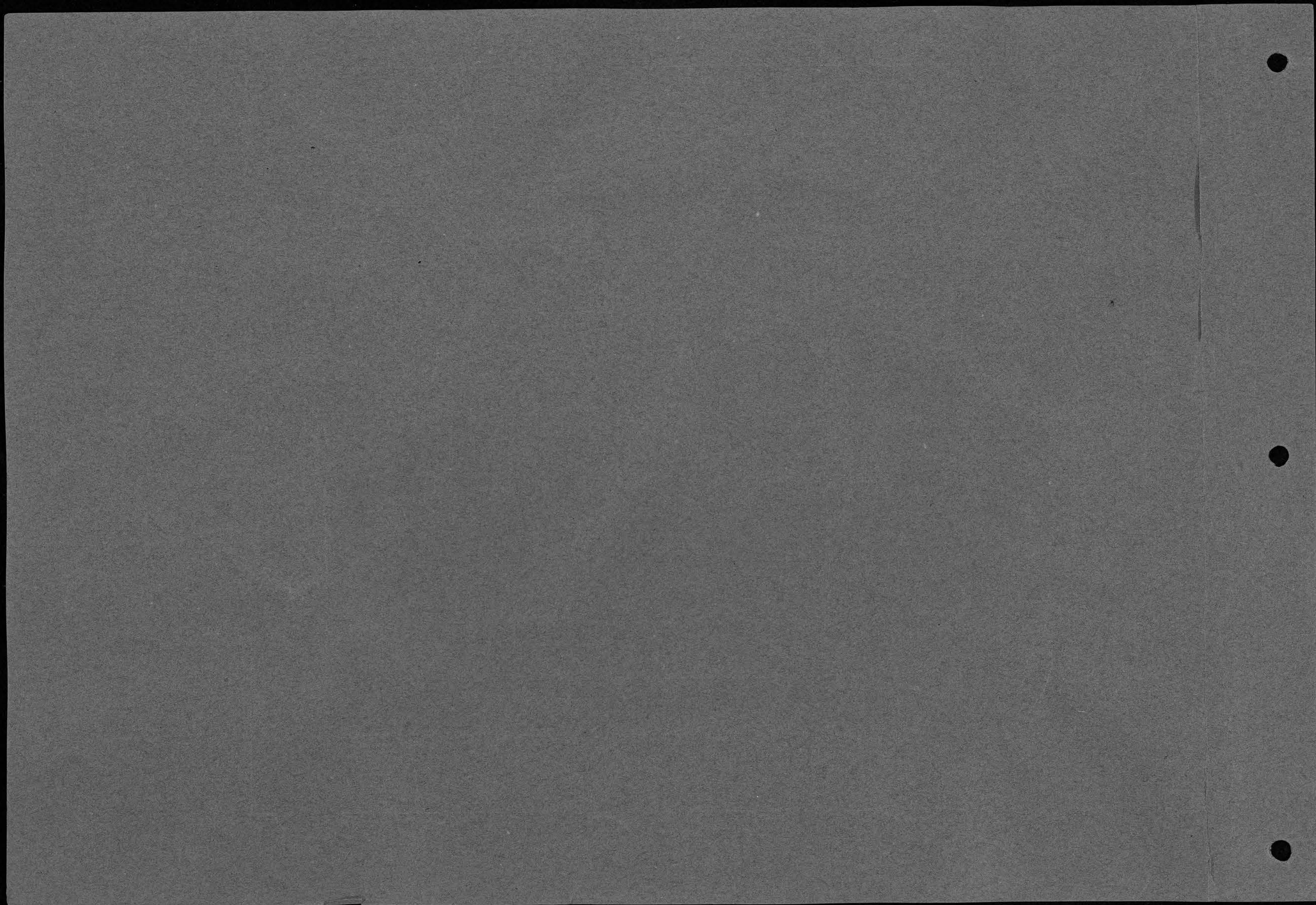
LOCATION K.S.A.C.

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

MACHINE SHOPS

PLACE *K.S.A.C.*

DATE *1914* { A.M.
..... P.M.

PLATE { RAY FILTER
..... BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. S.

STOP { F.
..... U. S.

LENS { DOUBLE FOCUS
..... BACK FOCUS

CONDITIONS:

- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. *S7*

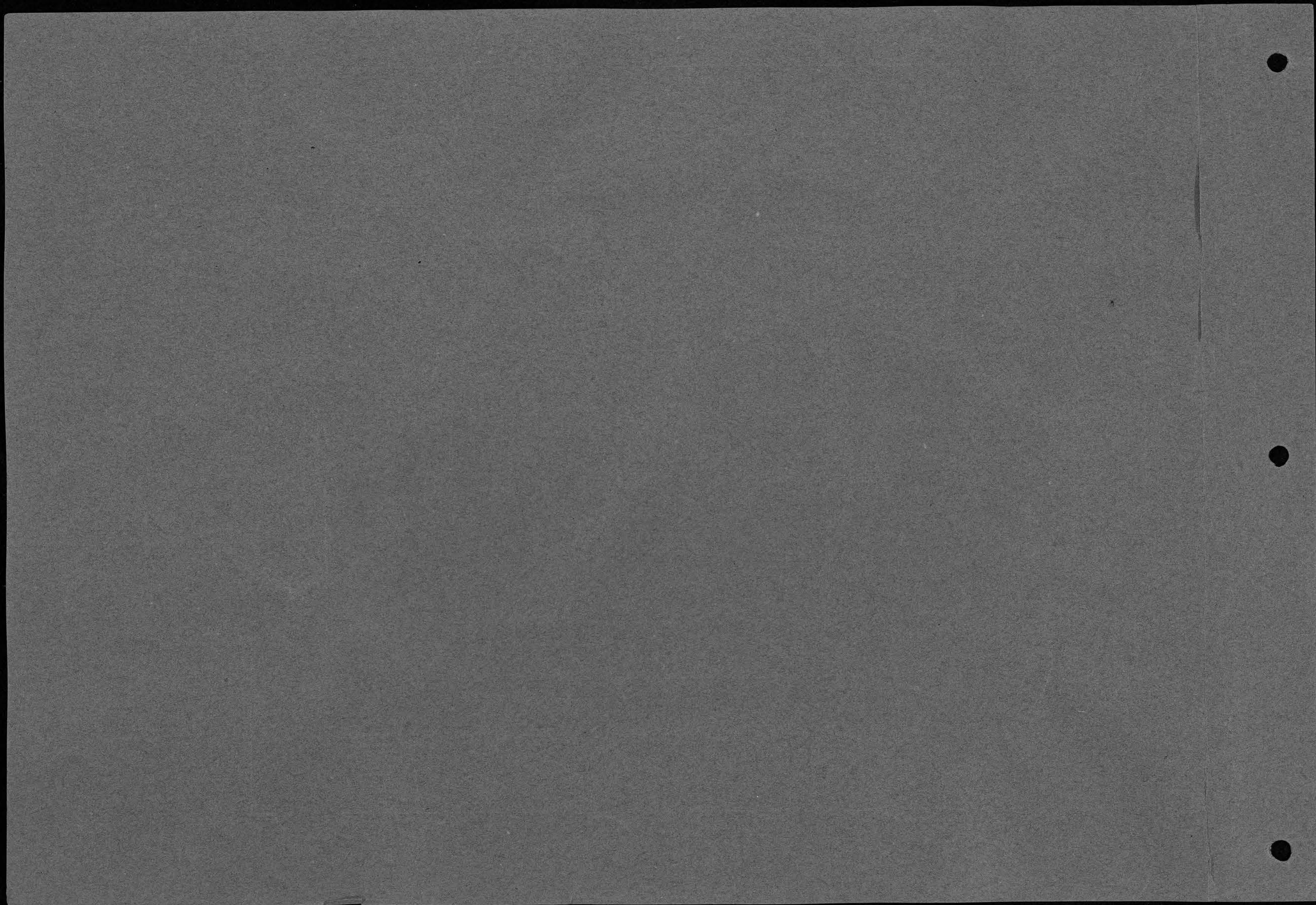
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

EXCAVATING FOR CON-
CRETE TUNNEL FOR HEAT
& POWER TO NICHOLS
GYMNASIUM

PLACE K.S.A.C. - S. OF LIBRARY

DATE 5/15/11 9:00 A.M.
P.M.

PLATE 3527X RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. $\frac{1}{100}$ S.

STOP { F. 6.2
U. S. _____

LENS { DOUBLE #4 FOCUS 8' 8"
BACK _____ FOCUS _____

CONDITIONS:

- ☒ EXTERIOR ☐ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☒ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. U-47

LOCATION K.S.A.C.

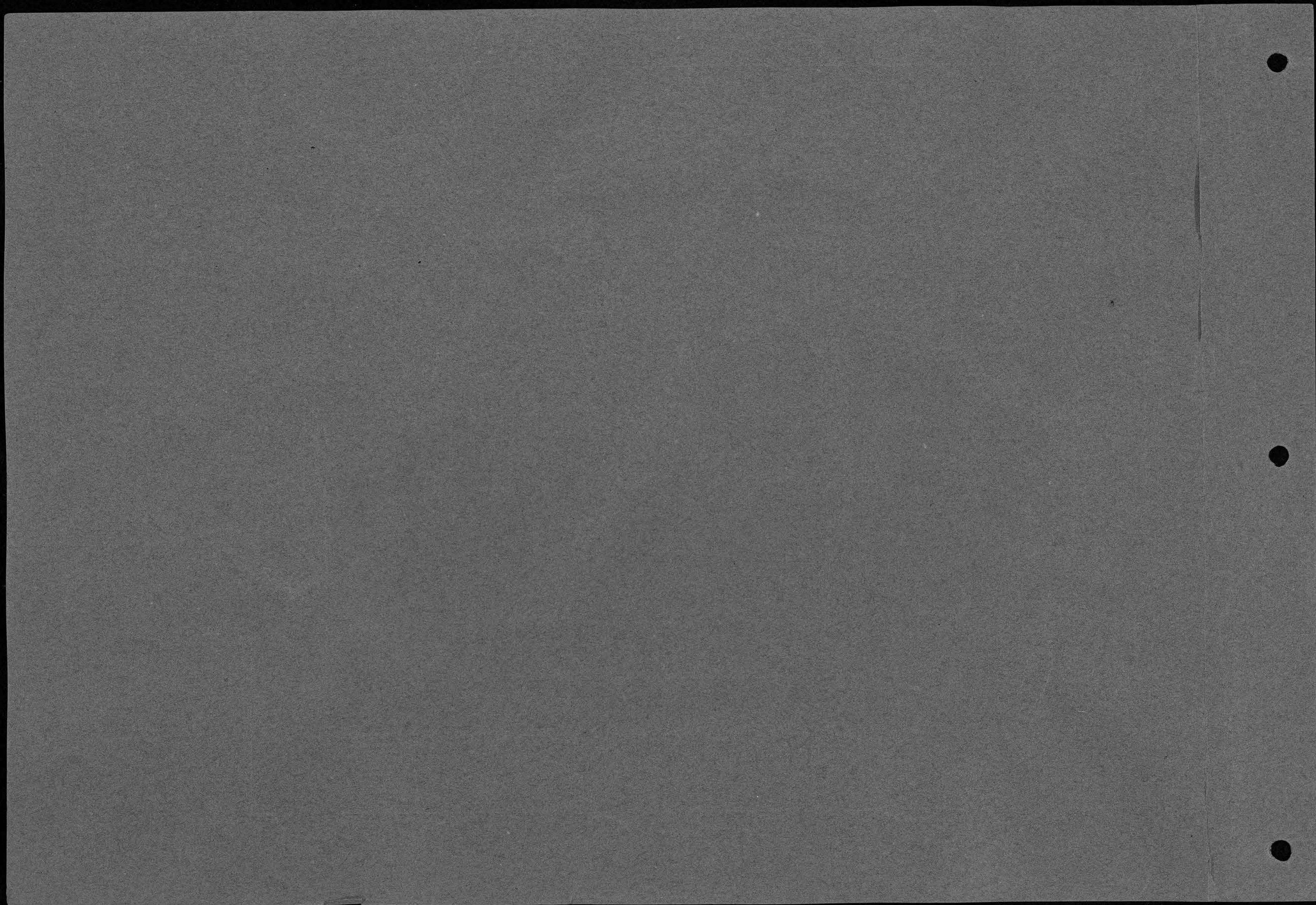
FILE _____

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

HEAT & POWER TUNNEL
TO NICHOLS GYMNASIUM

PLACE S. OF LIBRARY, LOOKING NORTH

DATE JUNE 8, 1911 9:00 A.M.
P.M.

PLATE SPEED 30 X RAY FILTER
BACKED

ACTINOMETER TIME M. 12 S.

LENGTH EXPOSURE M. 10 S.

STOP { F. 12.5
U. S.

LENS { DOUBLE FOCUS
BACK #1 FOCUS 14"

CONDITIONS:

- ☒ EXTERIOR ☐ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☒ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. U-46

LOCATION A. S. A. C.

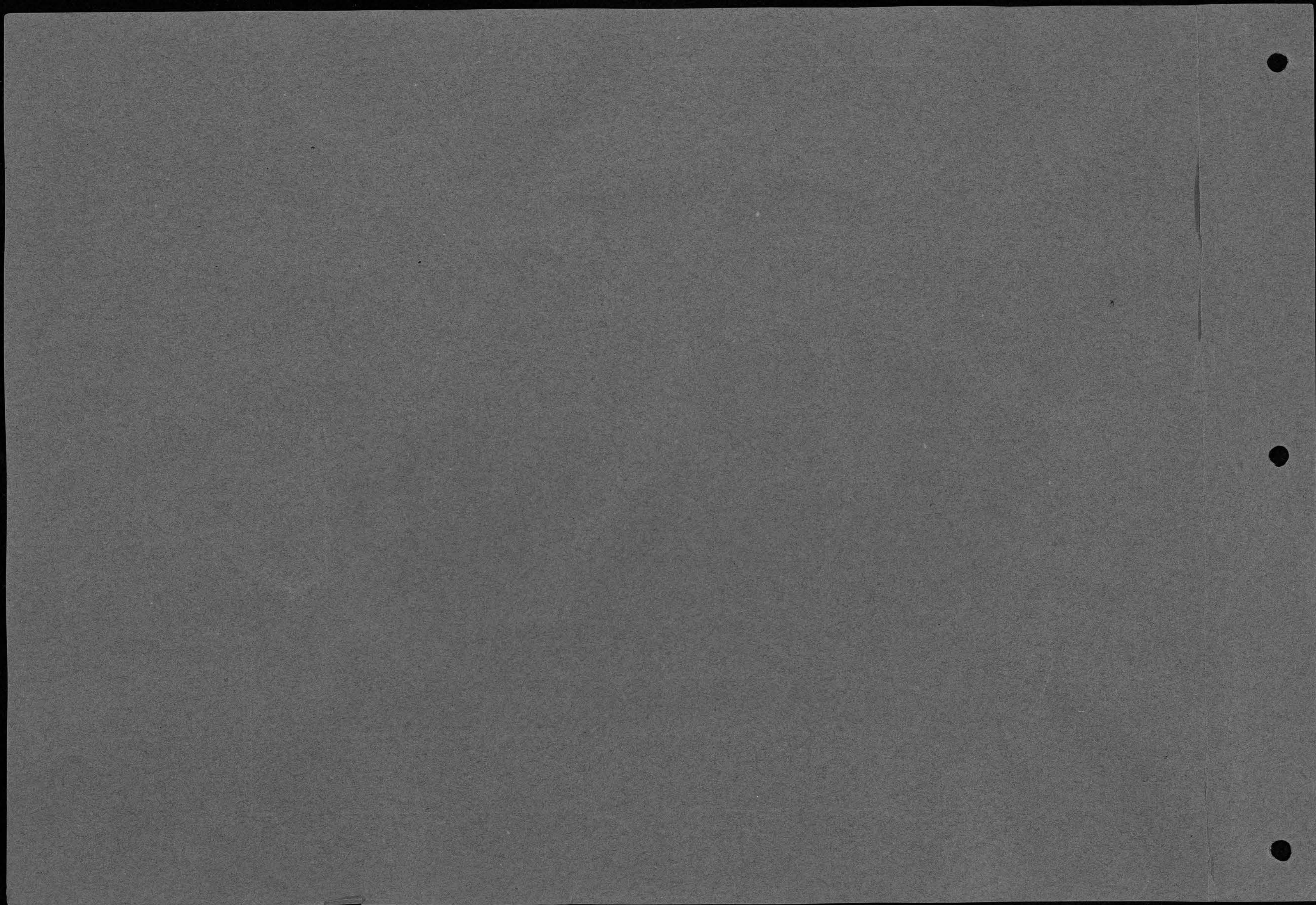
FILE.....

PHOTOGRAPHER

Harold M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE..... No.....

SUBJECT:

HEAT & POWER TUNNEL
TO NICHOLS GYMNASIUM

PLACE S. OF LIBRARY LOOKING NORTH

DATE JUNE 8, 1910 { 9:15 A.M.
P.M.

PLATE SEED 30X { RAY FILTER
BACKED

ACTINOMETER TIME X M. 12 S.

LENGTH EXPOSURE X M. 1 S.
100

STOP { F. 12.5
U. S.

LENS { DOUBLE FOCUS
BACK #1 FOCUS 14"

CONDITIONS:

- ☒ EXTERIOR ☐ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☒ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. U-49

LOCATION H.S.A.C.

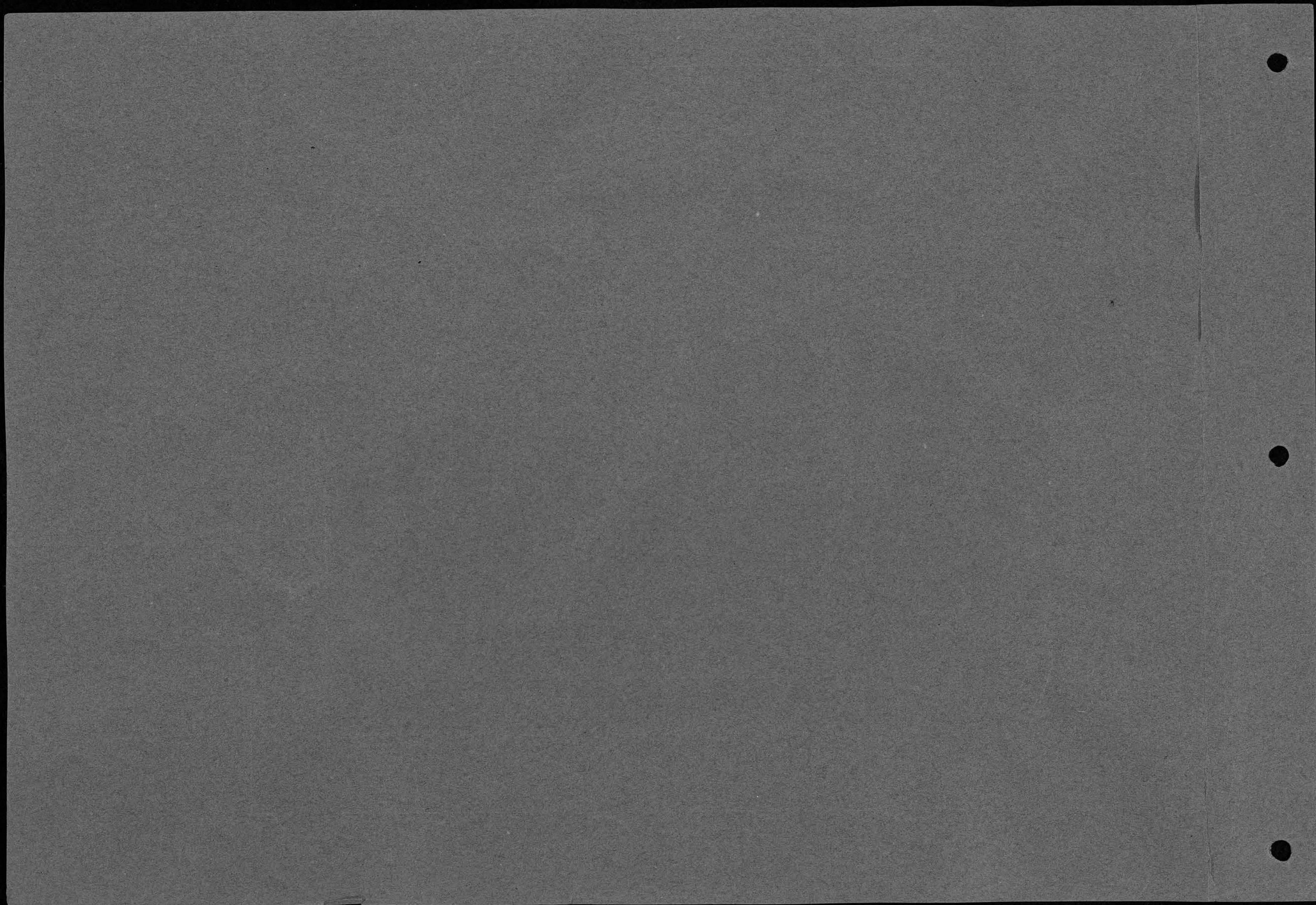
FILE.....

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

COAL PIT FIRE

PLACE *W. OF BOILER HOUSE*

DATE *9/23/11* { *10:35* A.M. _____ P.M.

PLATE *SEED 27X* { RAY FILTER _____
BACKED _____

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. *1* S. _____

STOP { F. *16* _____
U. S. *16* _____

LENS { DOUBLE *#4* FOCUS *8 1/2* _____
BACK _____ FOCUS _____

CONDITIONS:

☒ EXTERIOR ☐ INTERIOR

☒ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☒ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE NO. *U-40*

LOCATION *K.S.A.C.*

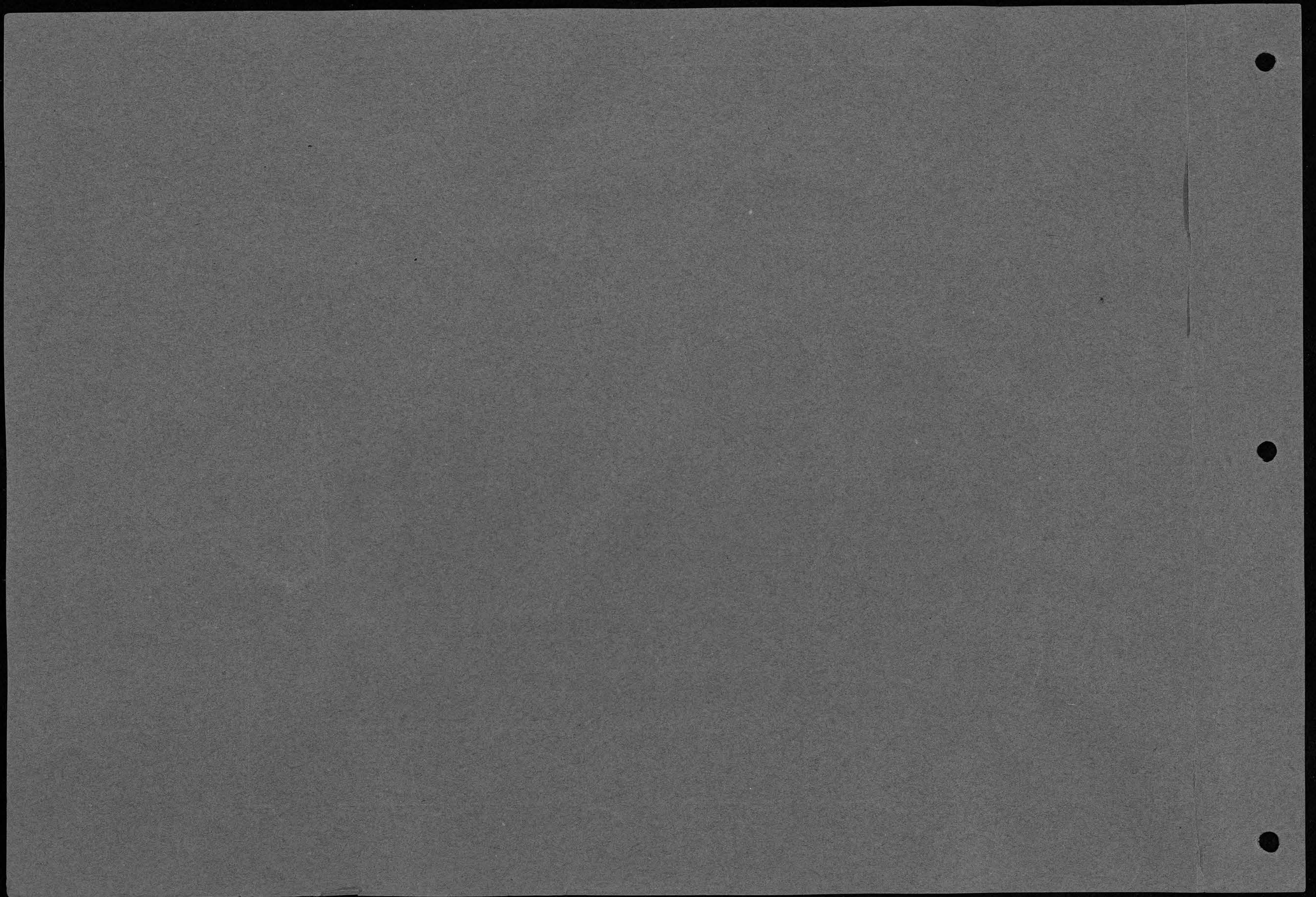
FILE _____

PHOTOGRAPHER

Howard H. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

COAL P.L.T. FIRE - IGNITED
BY SPONTANEOUS COMBUSTION

PLACE *W. OF BOILER HOUSE*

DATE *9/23/11* { *10:35 A.M.*
P.M.

PLATE *SEED 27X* { RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. *1* _____ S. *200*

STOP { F. *16*
U. S. *16*

LENS { DOUBLE #4 FOCUS *8 1/2"*
BACK FOCUS

CONDITIONS:

- ☒ EXTERIOR ☐ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☒ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. *U-37*

LOCATION *U.S.A.C.*

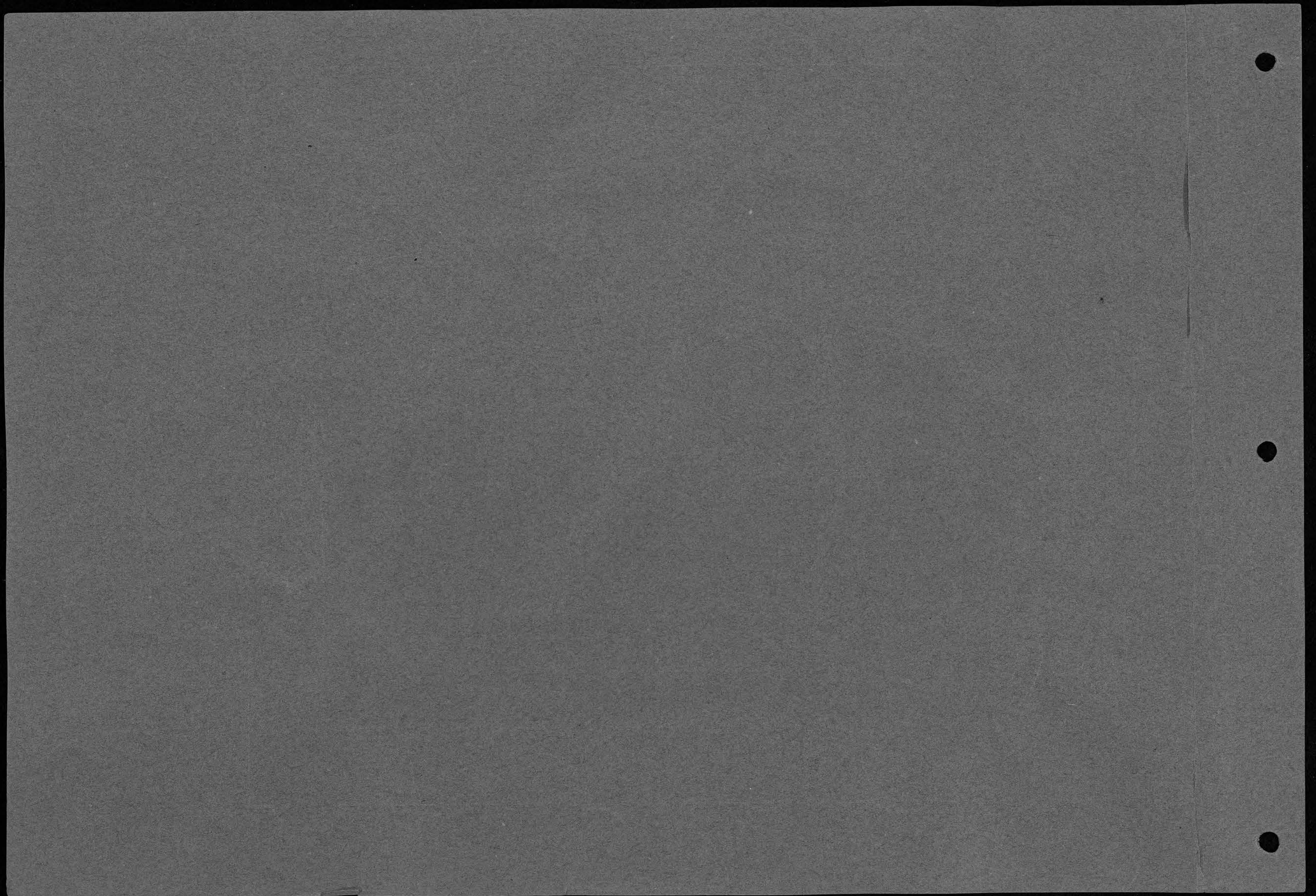
FILE _____

PHOTOGRAPHER

Harold McQuinn



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

COAL PIT FIRE - REMOV-
ING COAL WITH "AVERY"
STEAM SHOVEL

PLACE W. OF BOILERHOUSE

DATE 9/23/11 10:45 A.M.

PLATE SPEED 27X RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE M. 200 S.

STOP F. 16
U. S. 16

LENS DOUBLE #4 FOCUS 8.8
BACK FOCUS

CONDITIONS:

- ☒ EXTERIOR ☐ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☒ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. U-36

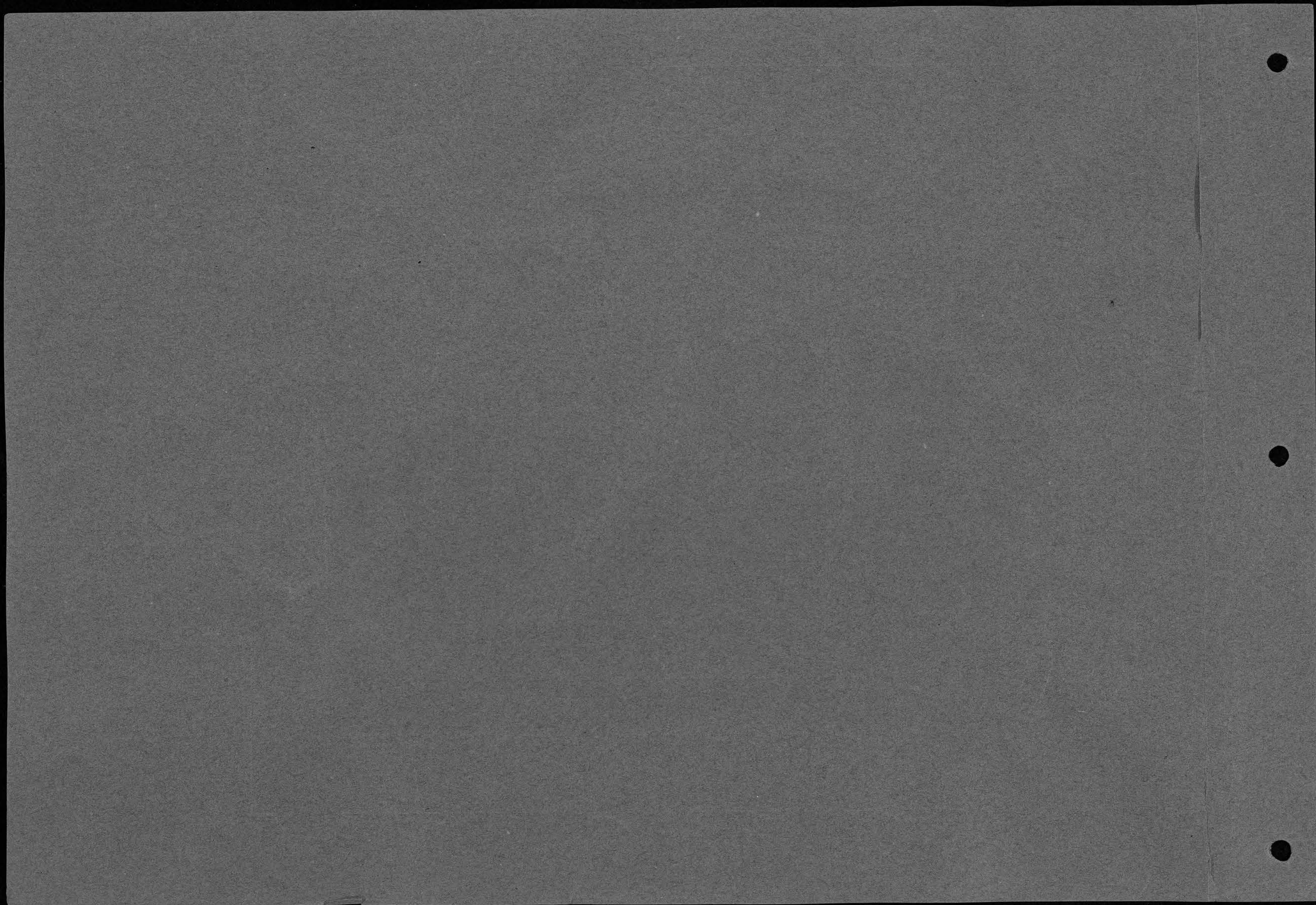
LOCATION A. S. A. S.

FILE

PHOTOGRAPHER

Harold A. Chandler





FILE..... No.....

SUBJECT:

COAL PIT FIRE, REMOV-
ING COAL WITH "AVERY"
STEAM SHOVEL

PLACE W. OF BOILER HOUSE

DATE 7/23/11 10:45 A.M.
P.M.

PLATE SEED 27X RAY FILTER
BACKED

ACTINOMETER TIME..... M..... S.

LENGTH EXPOSURE..... M. 1/200 S.

STOP { F. 16
U. S. 16

LENS { DOUBLE #4 FOCUS 8' 11"
BACK..... FOCUS

CONDITIONS:

☒ EXTERIOR ☐ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☒ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. U-38

LOCATION K. S. A. C.

FILE.....

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN

