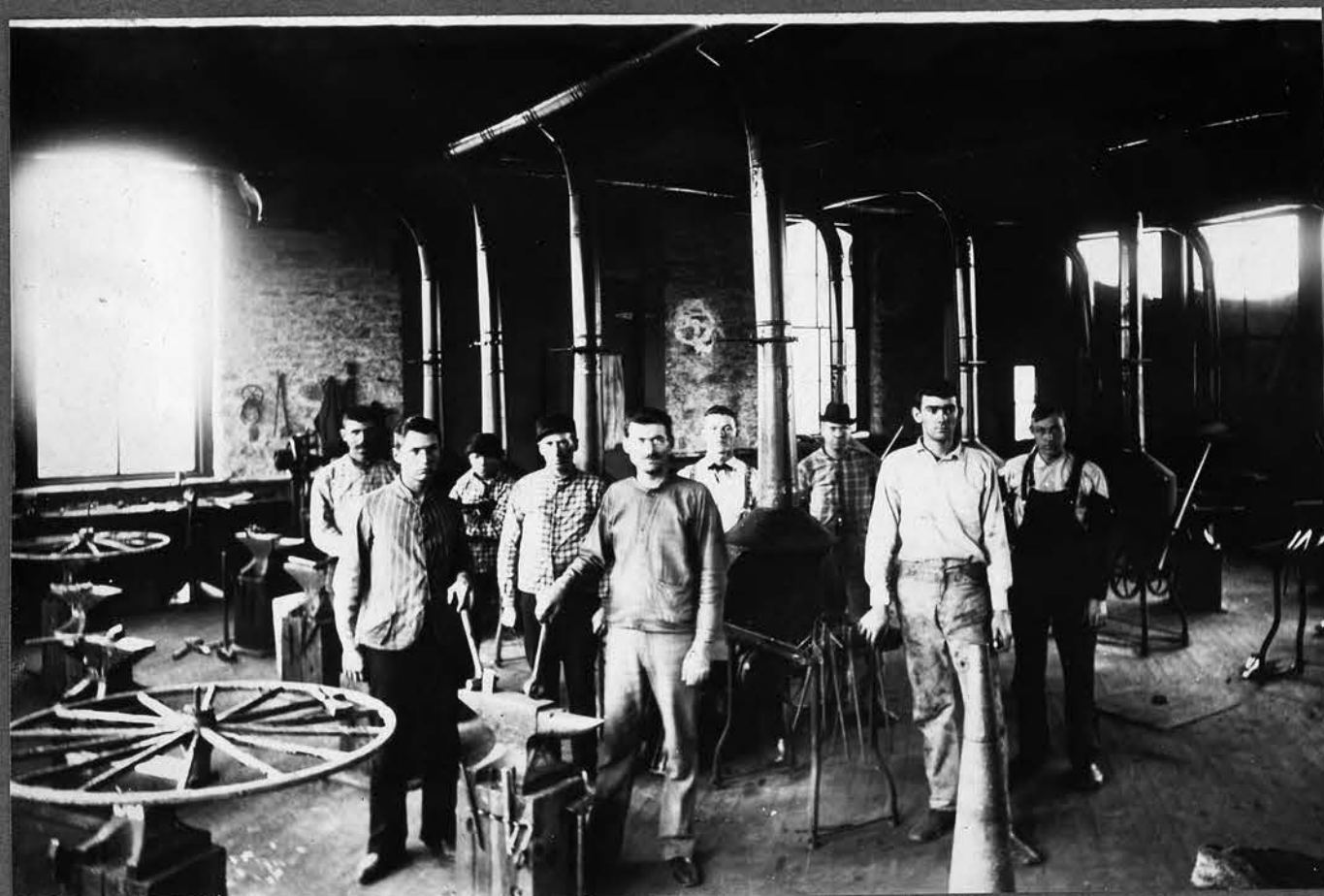
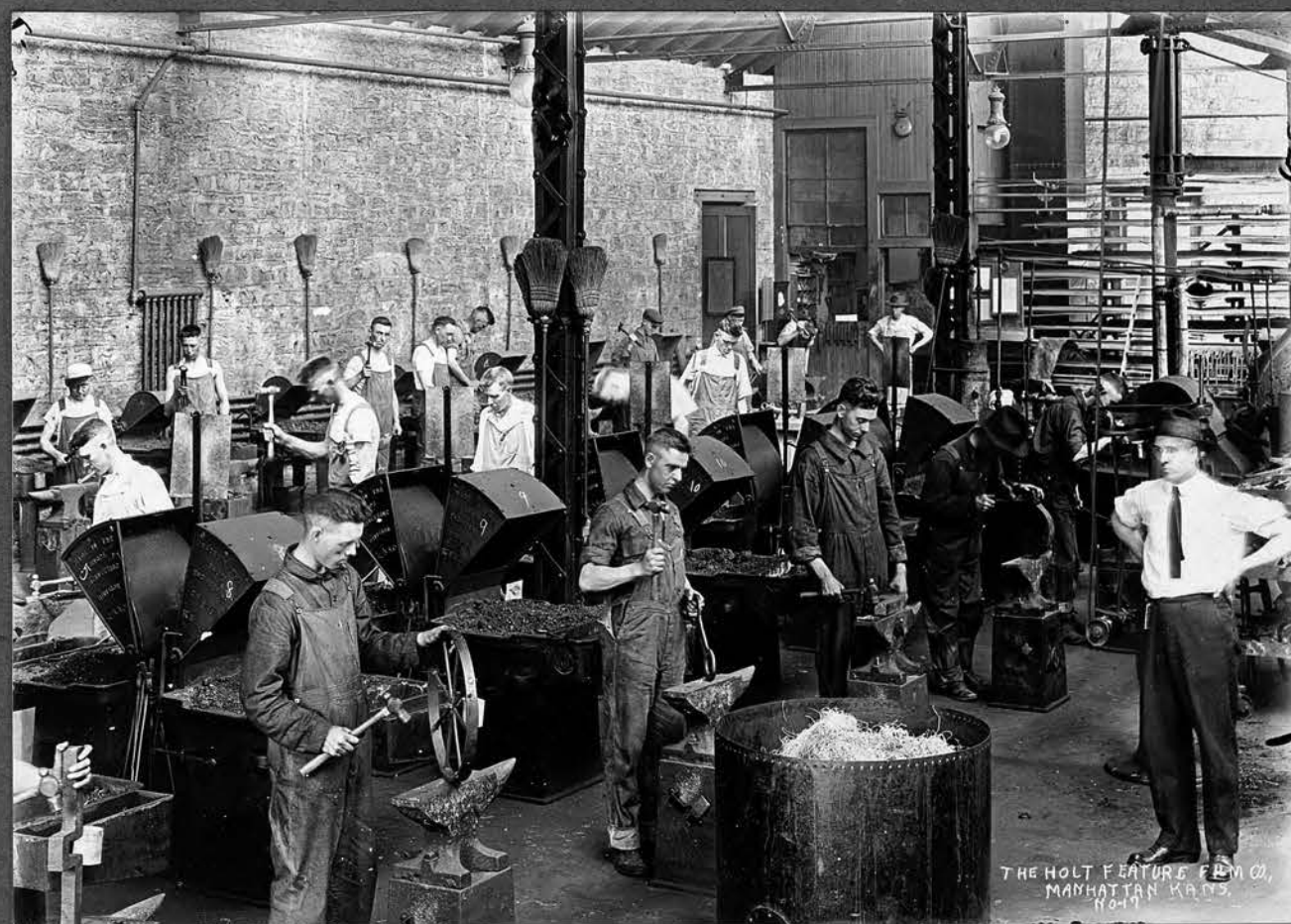


U2044.17.12
Album 115



PASTE PHOTOS IN THESE PLACES

FILE NO. _____

SUBJECT: _____

PLACE _____

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

PLATE _____
(RAY FILTER _____)
(BACKED _____)

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____
DOUBLE _____
LENS { BACK _____
FOCUS _____

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR

☐ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

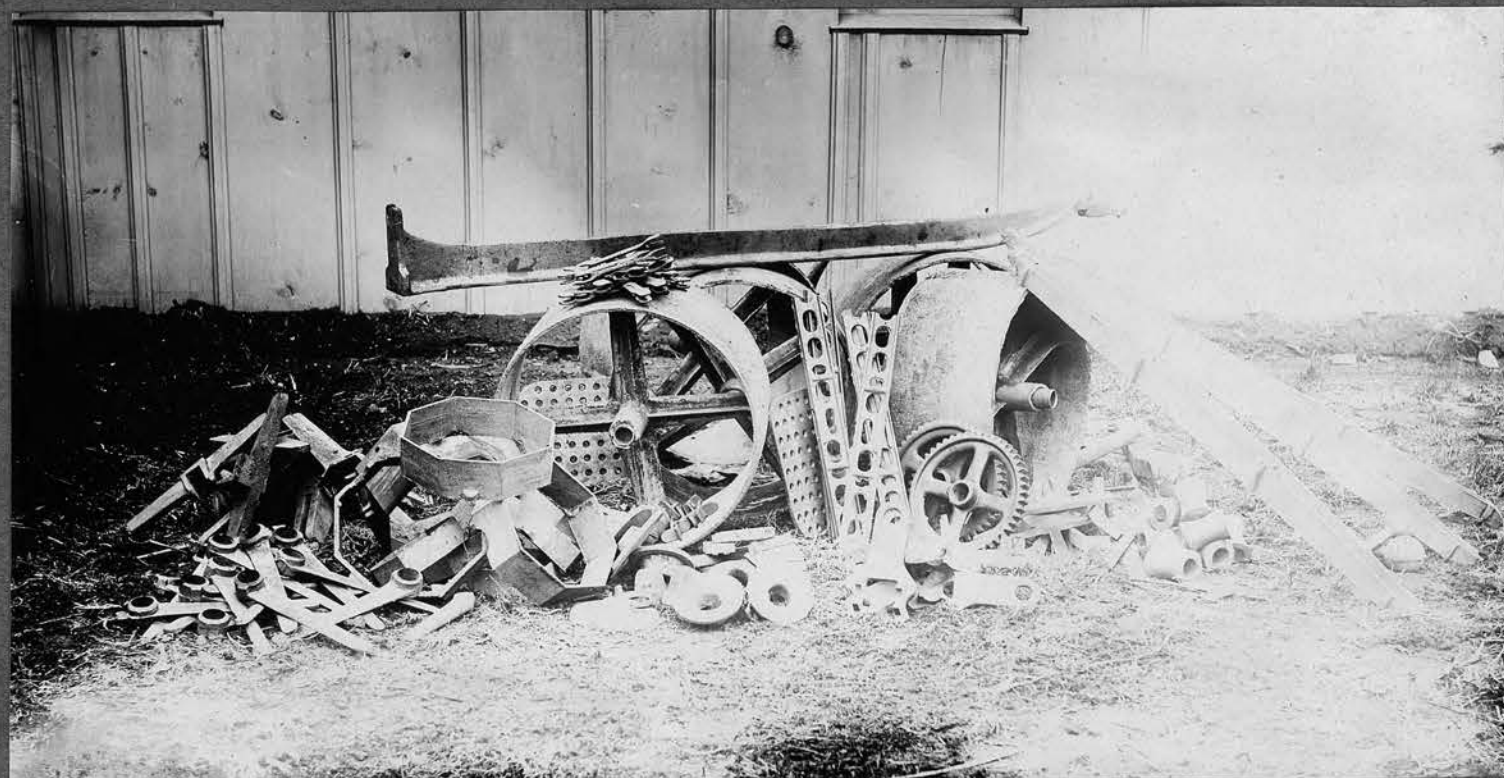
☐ CLOUDY, DULL

NEGATIVE NO. _____

LOCATION _____

FILE _____

PHOTOGRAPHER _____



PASTE PHOTOS IN THESE PLACES

FILE NO. _____

SUBJECT: _____

PLACE _____

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

PLATE _____
RAY FILTER _____
BACKED _____

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____
DOUBLE _____
LENS { BACK _____
FOCUS _____

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR

☐ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE NO. _____

LOCATION _____

FILE _____

PHOTOGRAPHER _____



PASTE PHOTOS IN THESE PLACES

FILE NO. _____

SUBJECT: _____

PLACE _____

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

PLATE _____
RAY FILTER _____
BACKED _____

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. _____ S.

STOP { F. _____
U. S. _____
DOUBLE _____
LENS { BACK _____
FOCUS _____

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR

☐ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☐ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE NO. _____

LOCATION _____

FILE _____

PHOTOGRAPHER _____

FILE _____ No. _____

SUBJECT:

ENGINEERS
ASSOCIATION

PLACE K.S.A.C.

DATE 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. 5-20

LOCATION _____

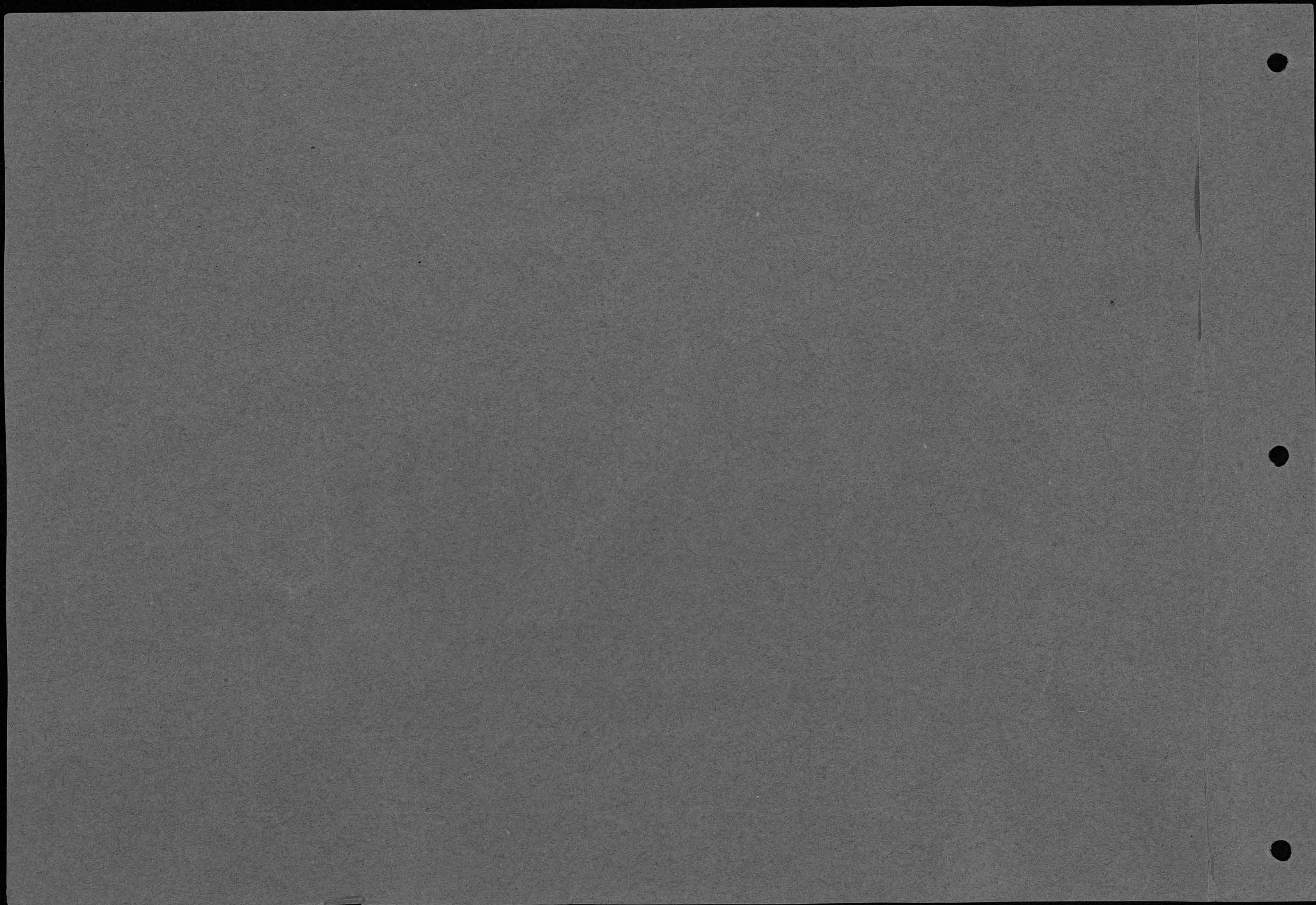
FILE _____

PHOTOGRAPHER

R.A.S.



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

ENGINEERING
ASSOCIATION

PLACE K.S.A.C.
DATE MAR. 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

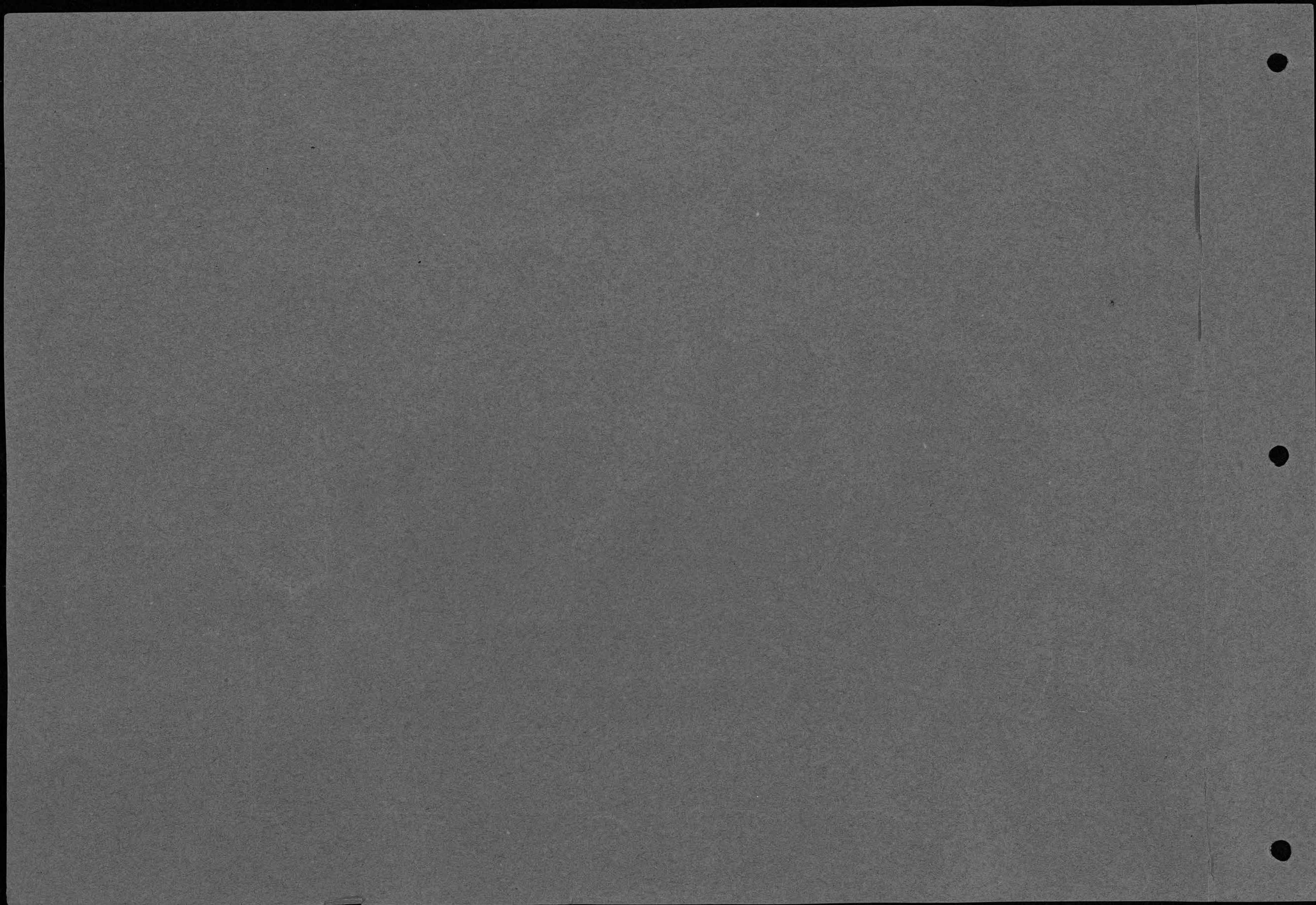
NEGATIVE NO. 538
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

CAMPUS MAP
K.S.A.C.
(6-NEGATIVES)

PLACE.....

DATE 10/25/11 } A.M.
4:00 P.M.

PLATE SEED 30X } RAY FILTER
BACKED

ACTINOMETER TIME 2 M. X S.

LENGTH EXPOSURE X M. 3 1/2 S.

STOP { F. 41.5
U. S. 96

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. 5 U-

LOCATION K.S.A.C.

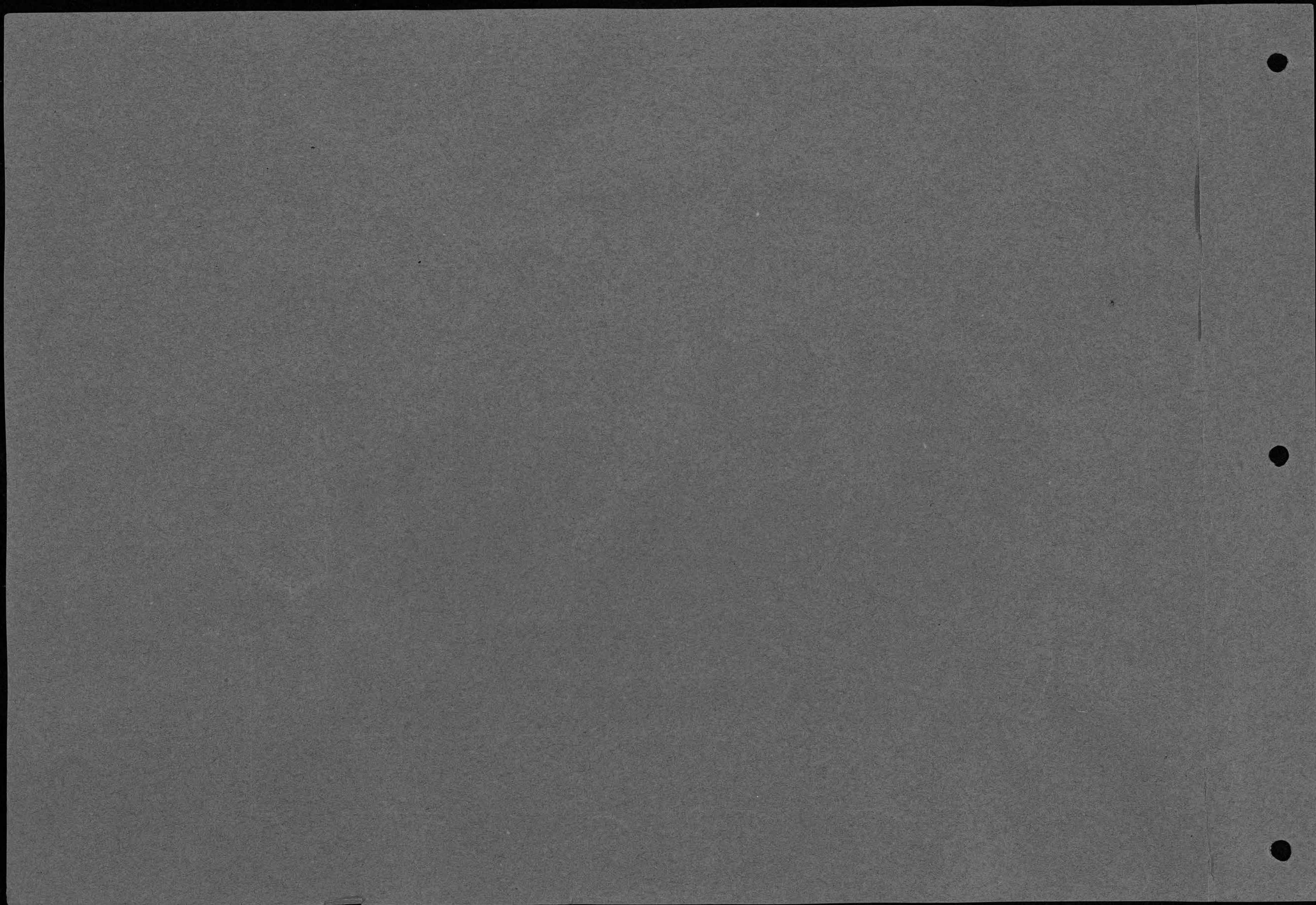
FILE.....

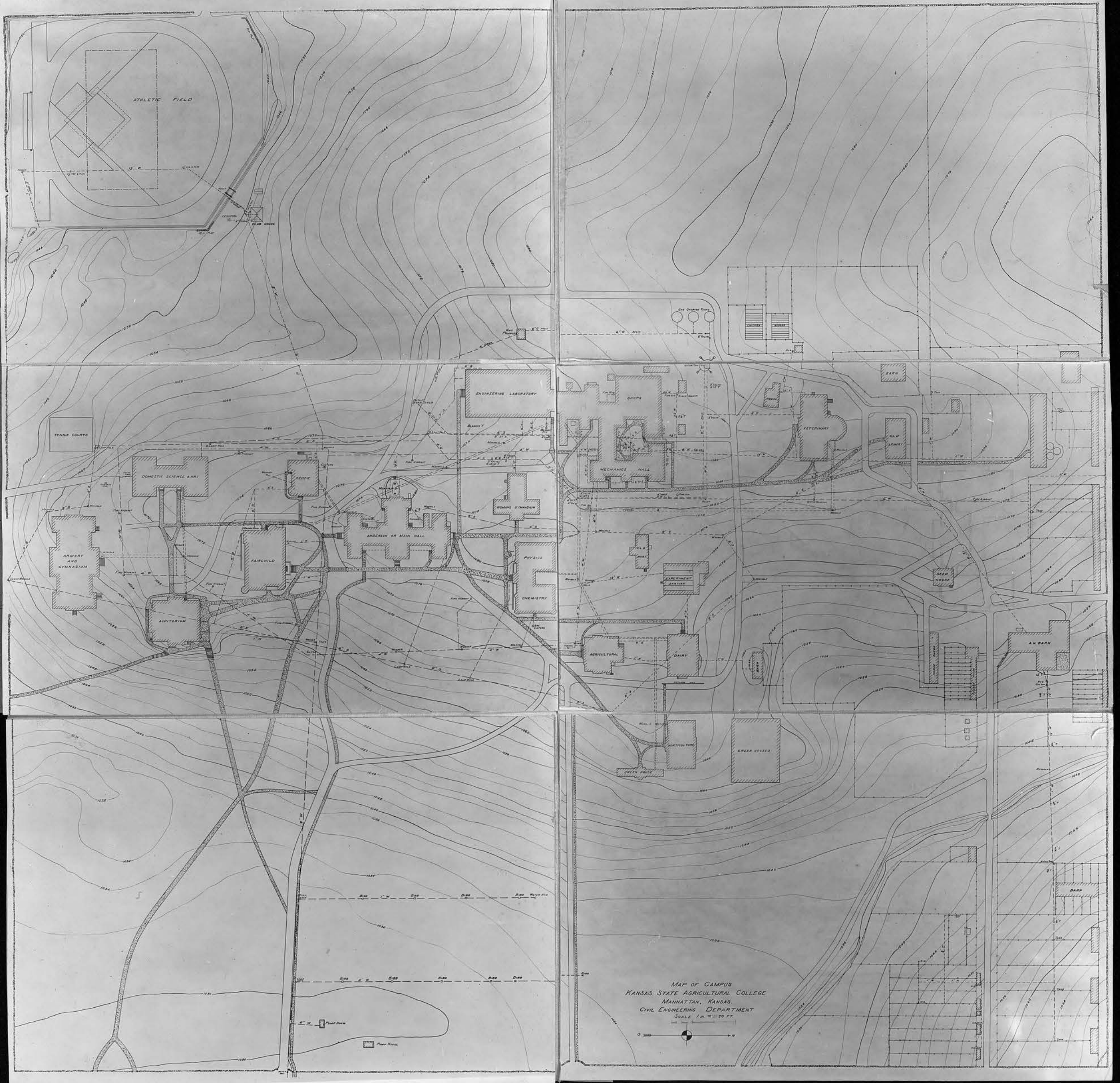
PHOTOGRAPHER

HOWARD M. CHANDLER

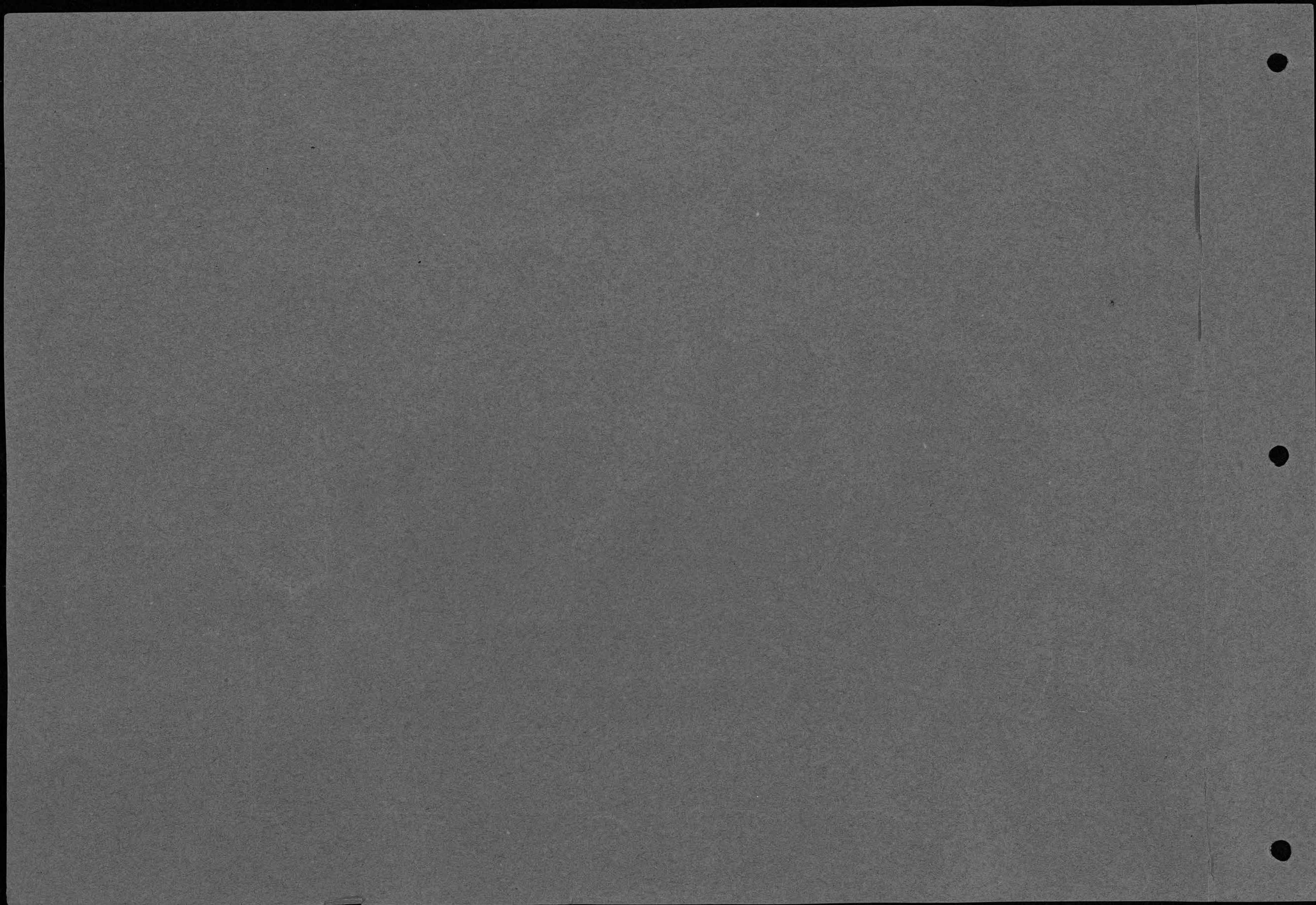


KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN





MAP OF CAMPUS
KANSAS STATE AGRICULTURAL COLLEGE
MANHATTAN, KANSAS.
CIVIL ENGINEERING DEPARTMENT
SCALE 1 IN. = 20 FT.



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

SUBJECT:

CLAY MODEL OF KSAC.

PLACE

DATE A.M.

P.M.

PLATE ----- } RAY FILTER
 } BACKED

BACKED

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

LENGTH EXPOSUREM.S.

STOP { F.
U. S.

(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. 5-17

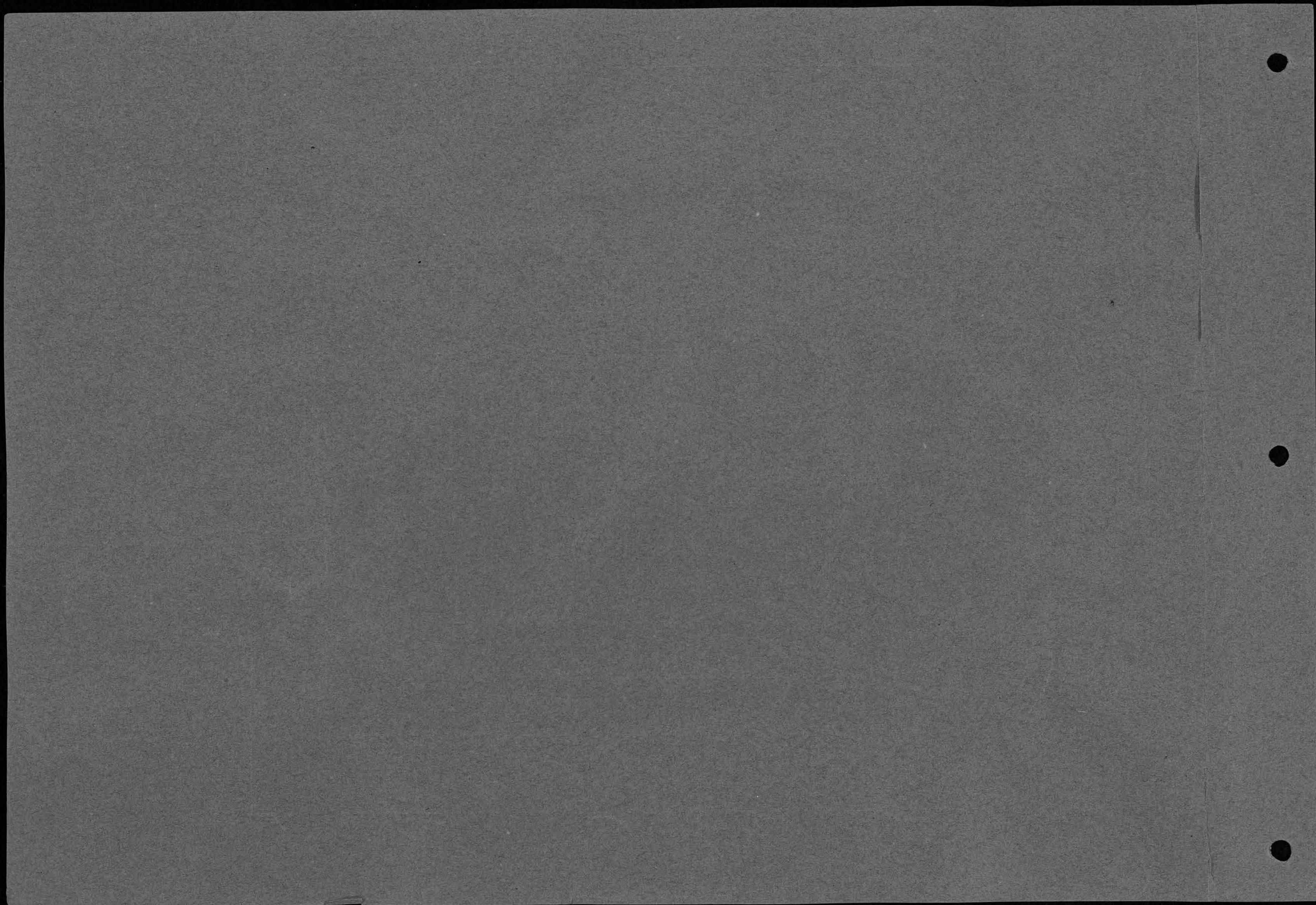
LOCATION _____

FILE -----

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

SNOW SCENE NEAR SHOPS

PLACE *K.S.A.C. SHOPS*

DATE *FEB. 1912* *9:00* A.M. P.M.

PLATE *SEED 30X* RAY FILTER
BACKED

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

LENGTH EXPOSURE..... M. *1* S.

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

LENS { DOUBLE *+4* FOCUS *8 1/8*
BACK..... FOCUS.....

CONDITIONS:

☒ EXTERIOR ☐ INTERIOR

☒ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN

☐ BRIGHT SUN

☒ HAZY SUN

☐ CLOUDY, BRIGHT

☐ CLOUDY, DULL

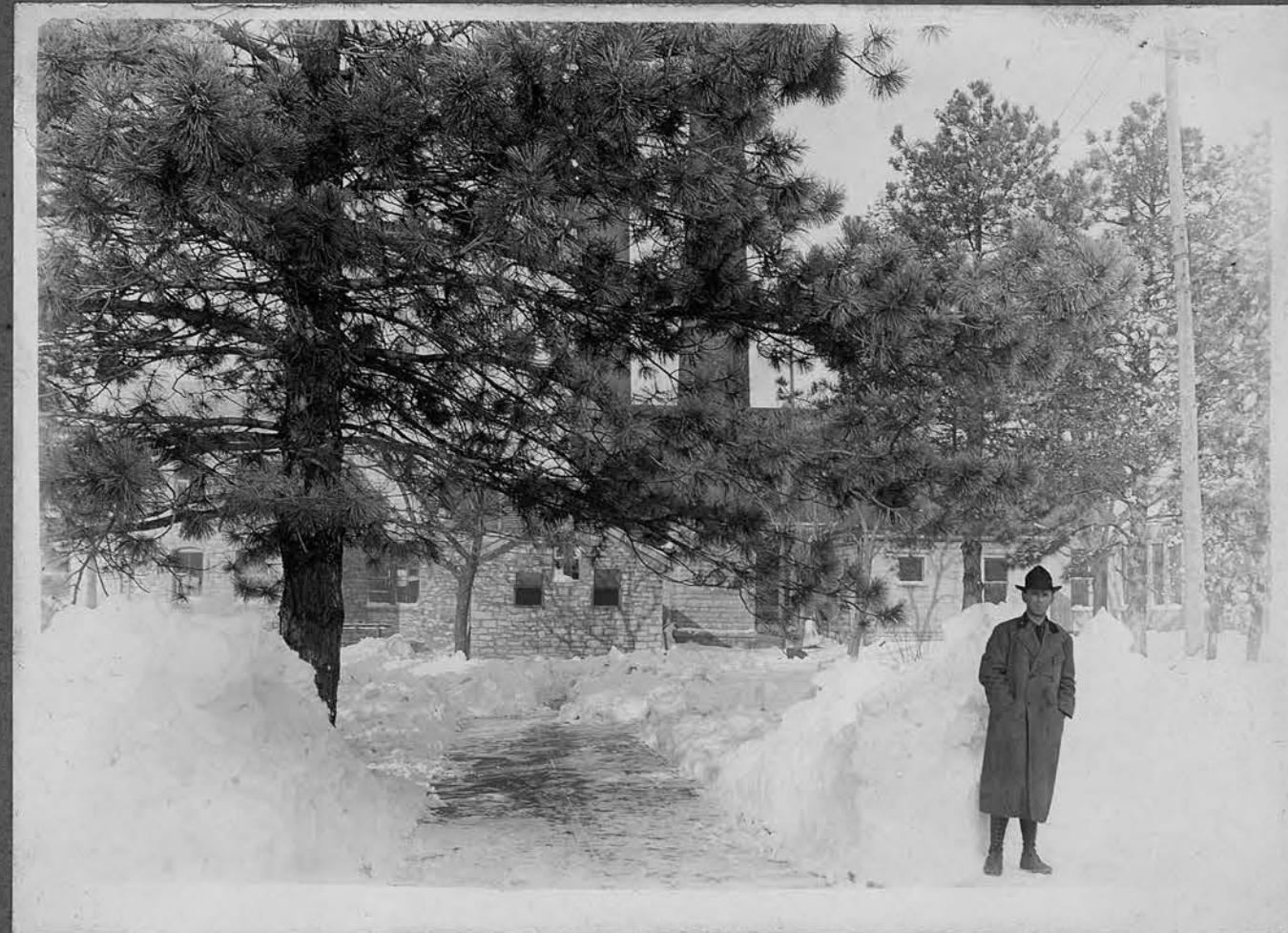
NEGATIVE NO. *U-71*

LOCATION *K.S.A.C.*

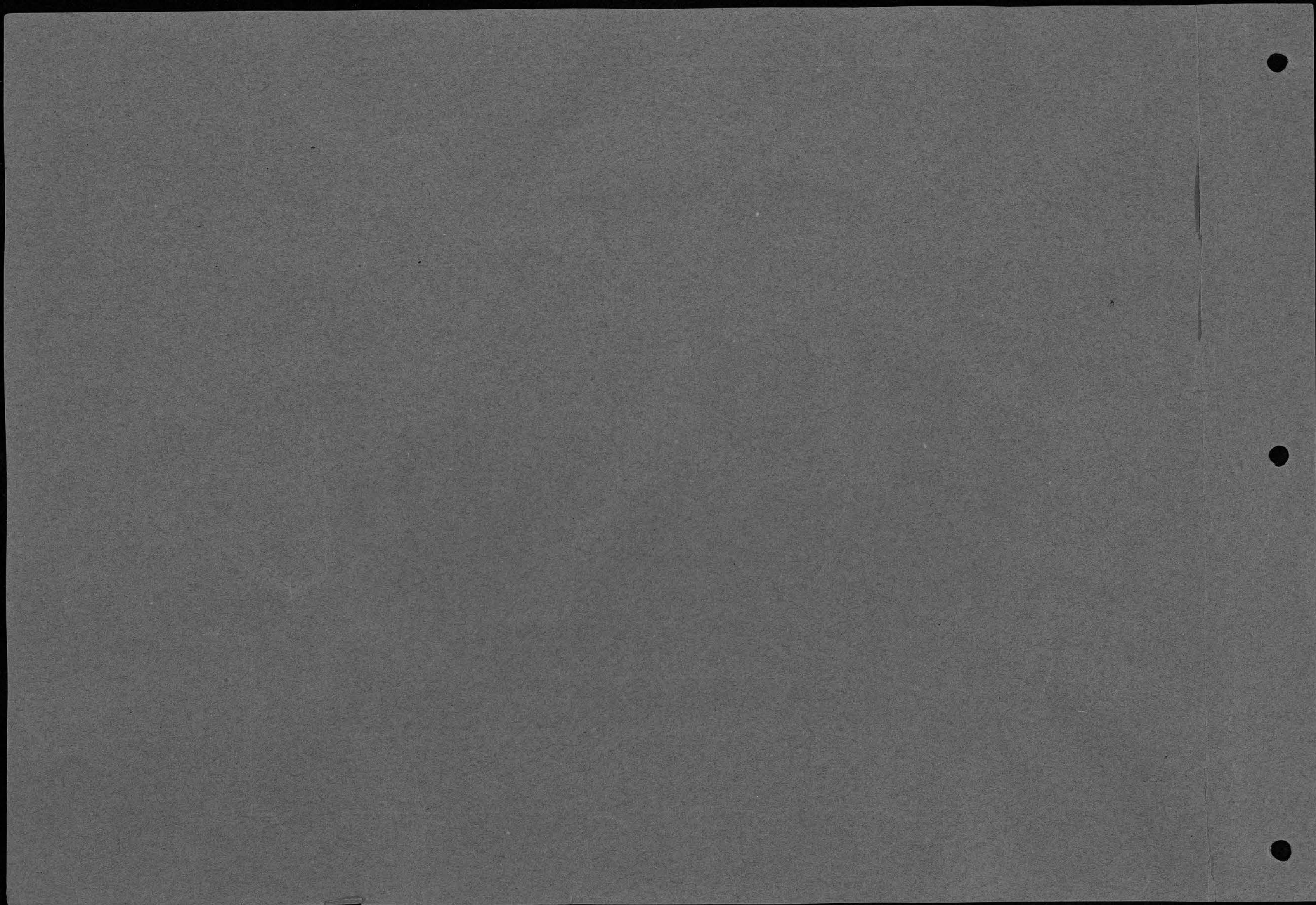
FILE.....

PHOTOGRAPHER

HOWARD M. CHANDLER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

SNOW SCENE NEAR SHOPS

PLACE K.S.A.C. SHOPS

DATE FEB. 1912 { 9:00 A.M.
P.M.

PLATE SEED 30 X { RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. 1 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-72

LOCATION K.S.A.C.

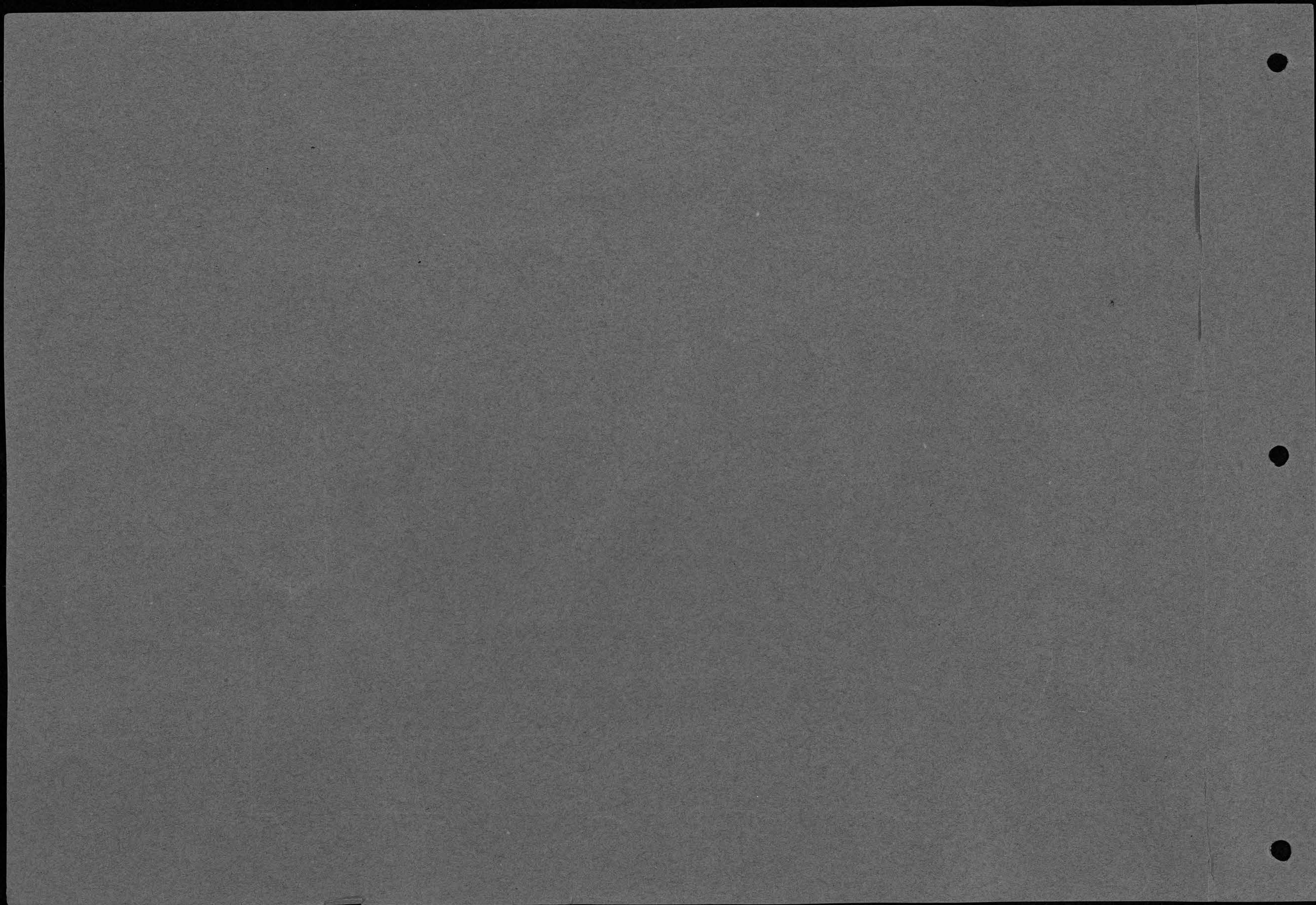
FILE _____

PHOTOGRAPHER

HOWARD M. CHANDLER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

FROST SCENE ON CAMPUS
K.S.A.C.

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-20*

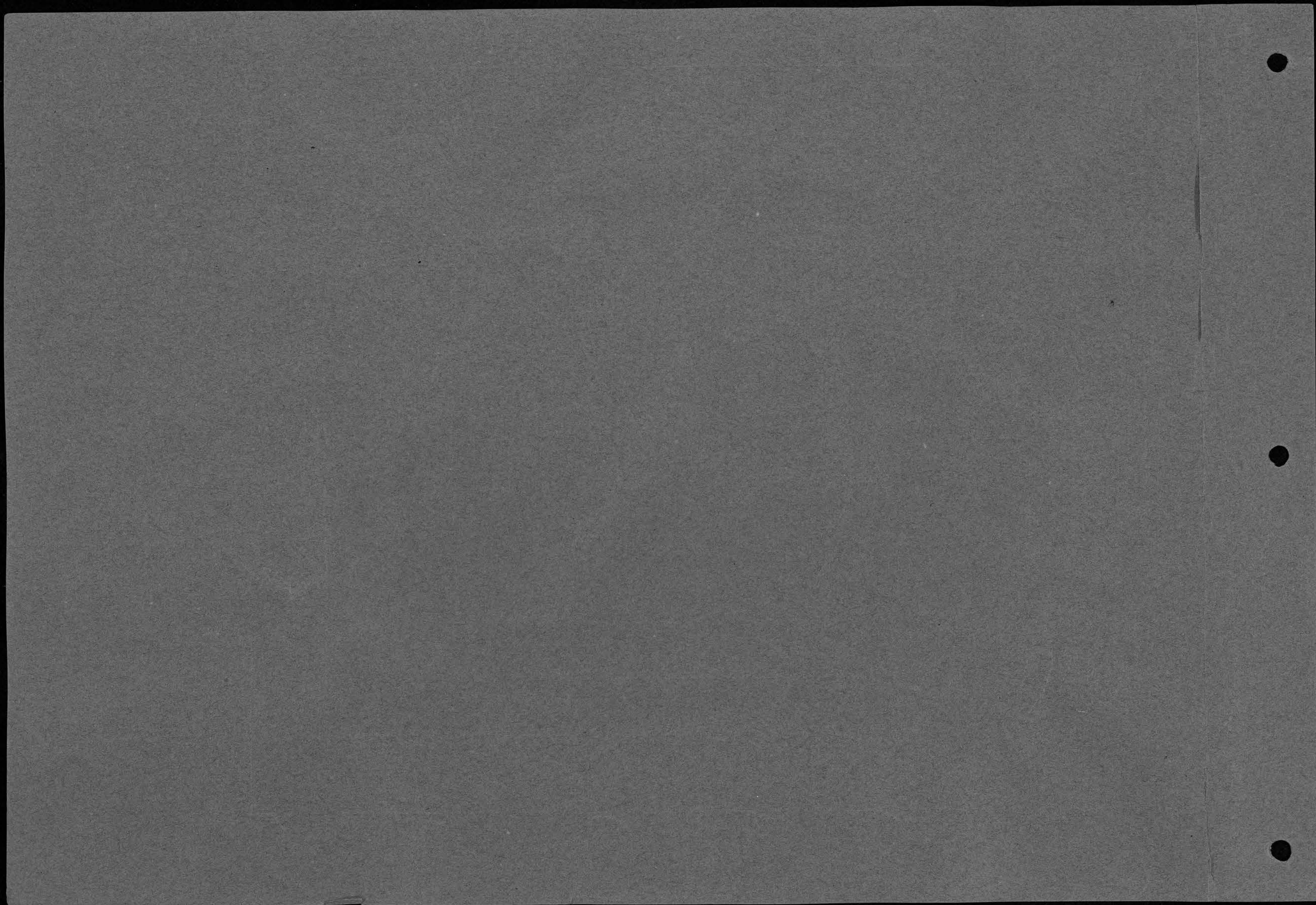
LOCATION *K.S.A.C.*

FILE.....

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

FROST SCENE - CAMPUS

K.S.A.C.

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-21*

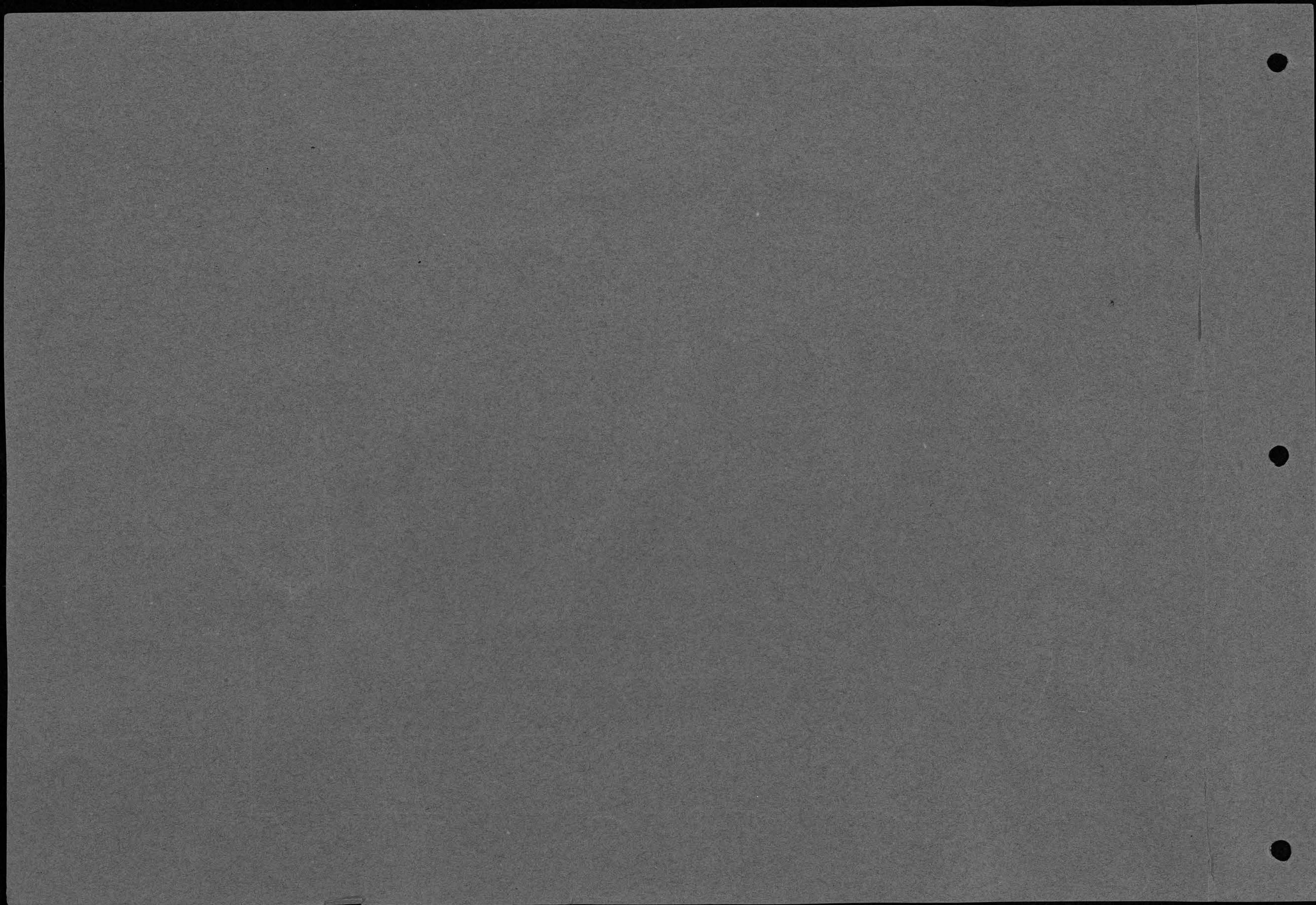
LOCATION *K.S.A.C.*

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

GENERAL VIEW OF WATER TANK AND ENGINEERING BUILDING 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. 1565

LOCATION H.S.A.C.

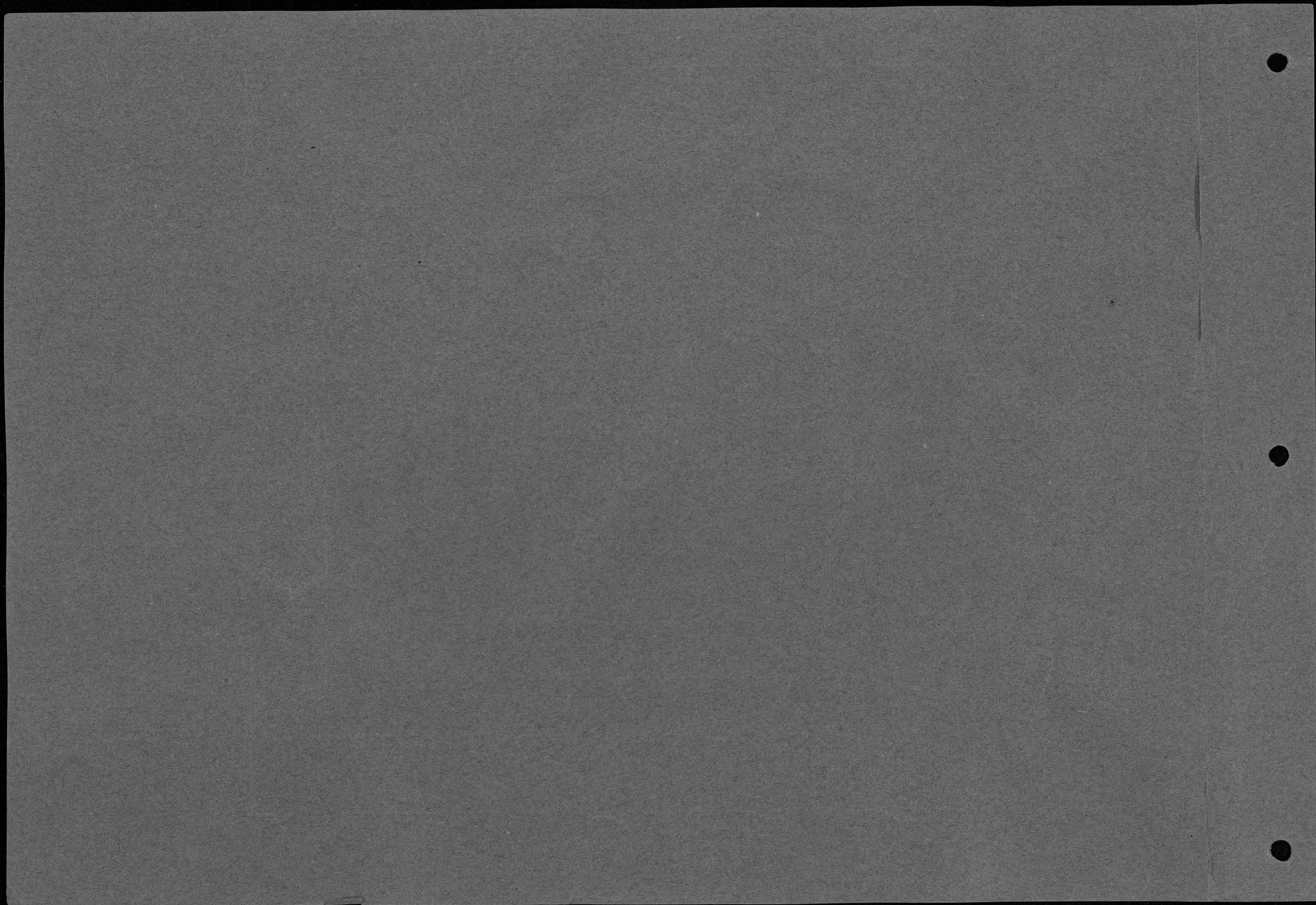
FILE -----

PHOTOGRAPHER

PHOTOGRAPHER
Howard M. Cole



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

*SURVEYORS IN FRONT
OF HORT. BLDG.*

PLACE *K.S.A.C.*

DATE *Jan 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. *543*

LOCATION *K.S.A.C.*

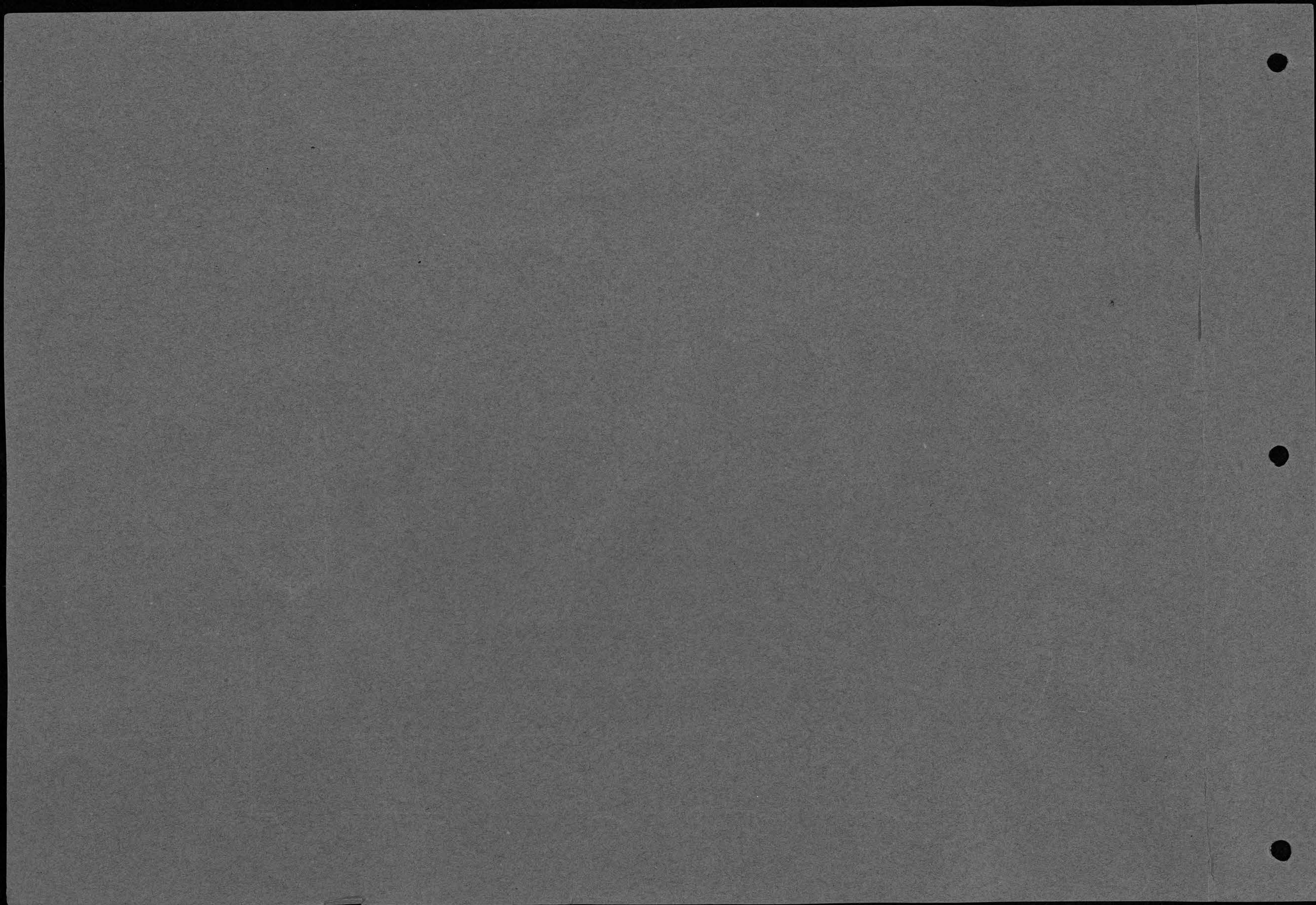
FILE.....

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

CONCRETE CULVERT
WEST OF D.S. BLDG
IN ATHLETIC FIELD

PLACE K.S.A.C.

DATE 1/7/11 { 10 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. 532

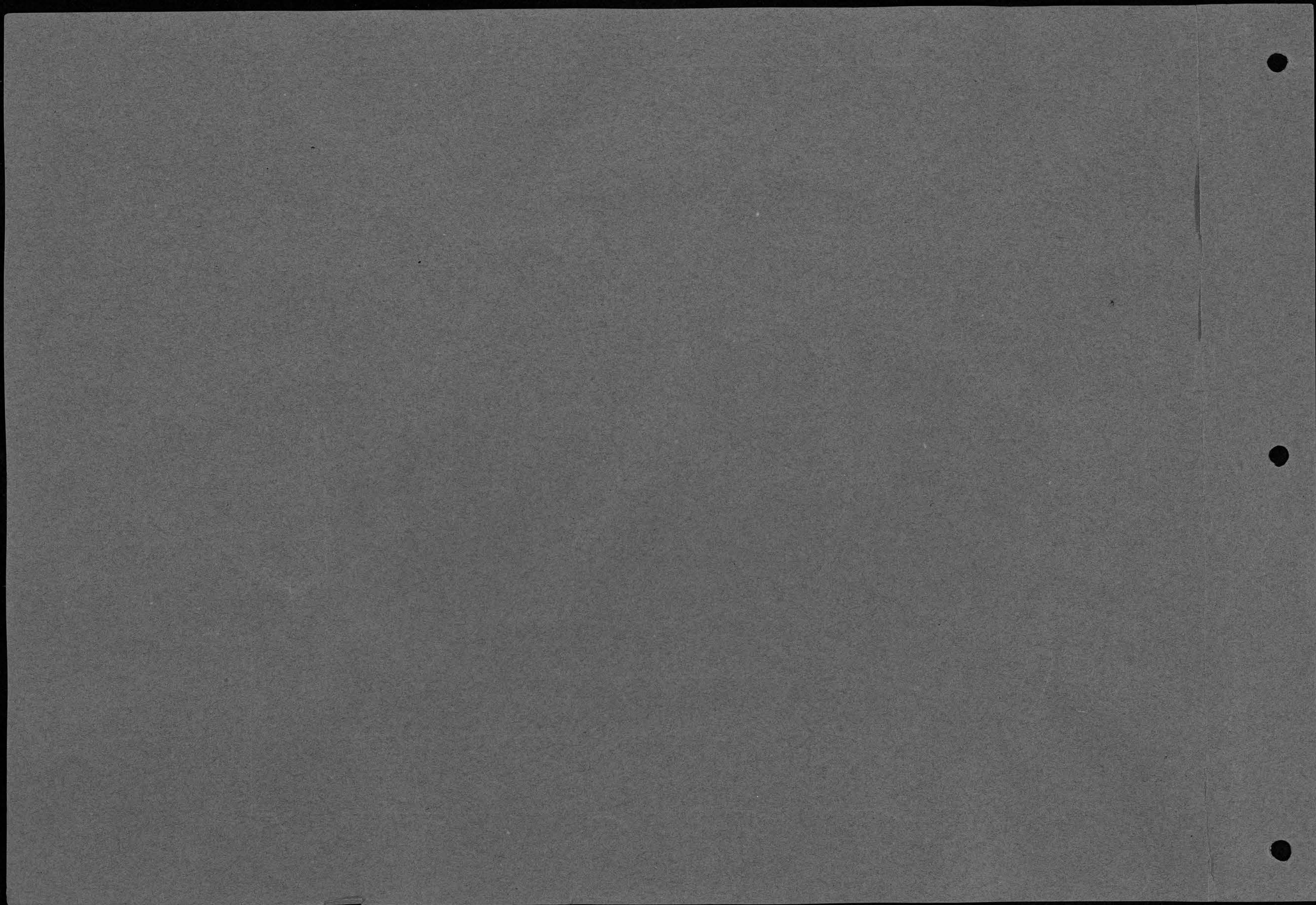
LOCATION K.S.A.C.

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

CONCRETE FENCE PANEL
TEST - METAL LATH
REINFORCING - THESIS

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:

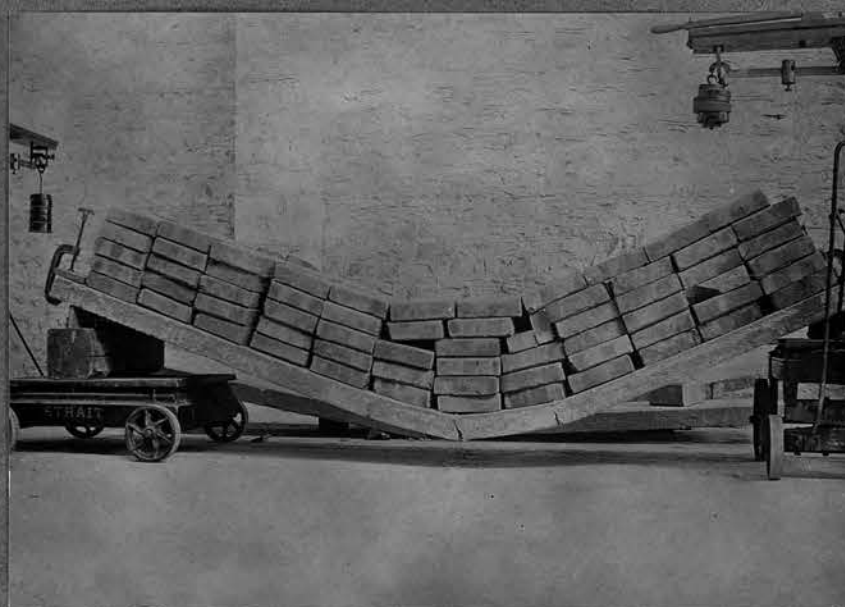
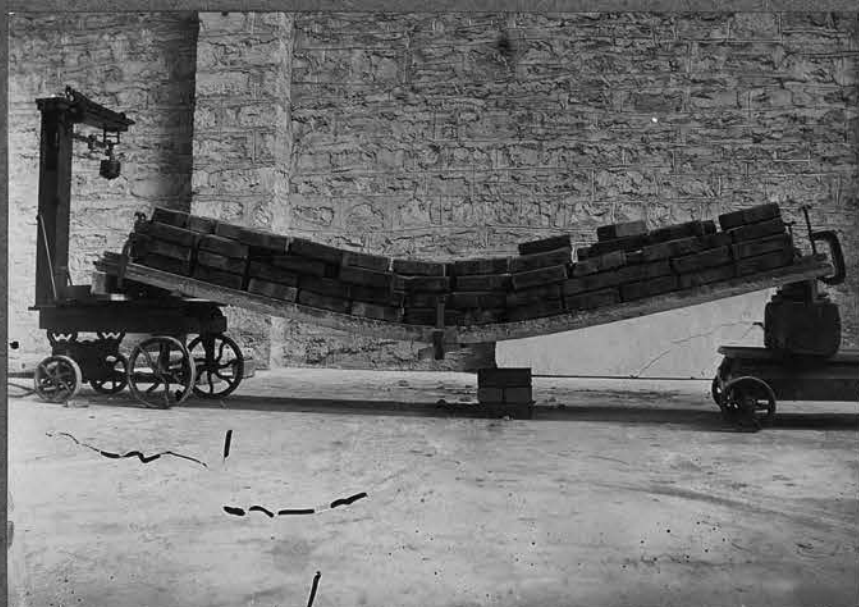
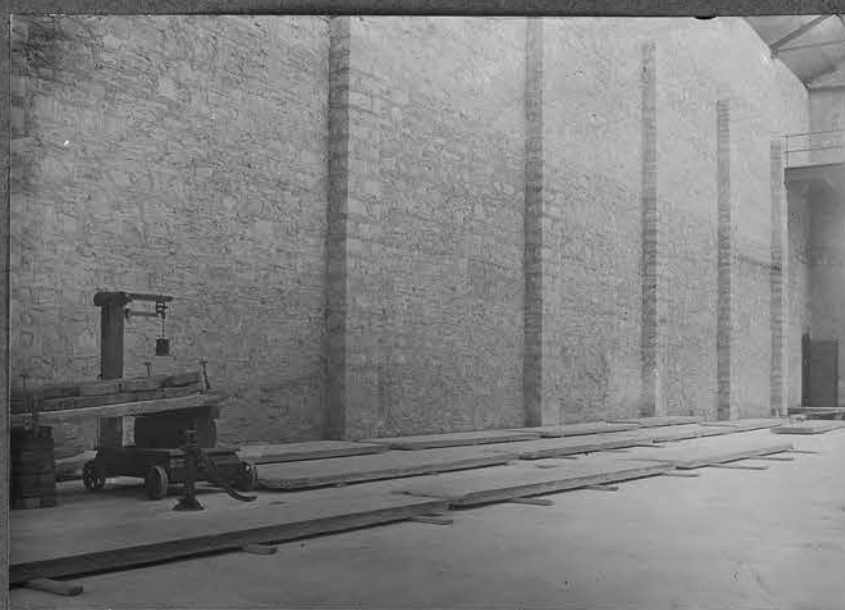
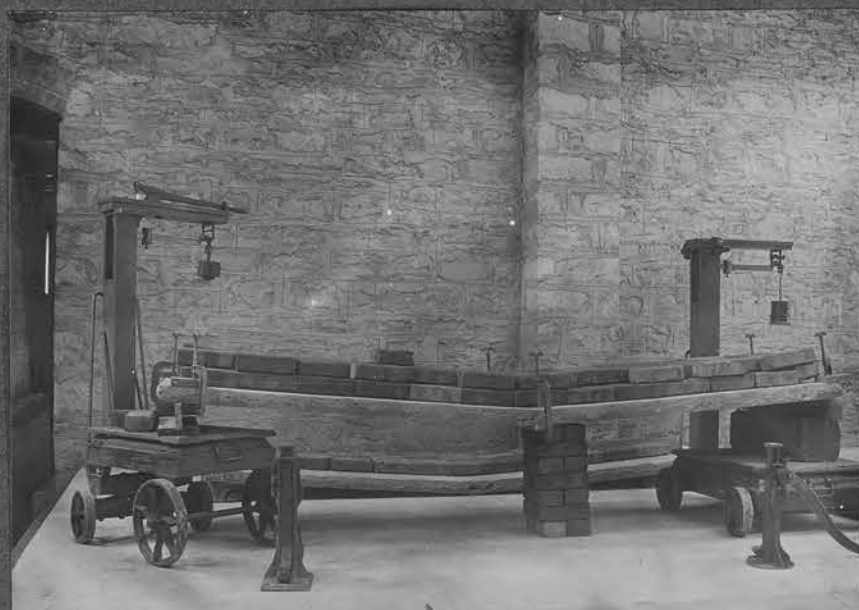
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. V-14-16-13-12

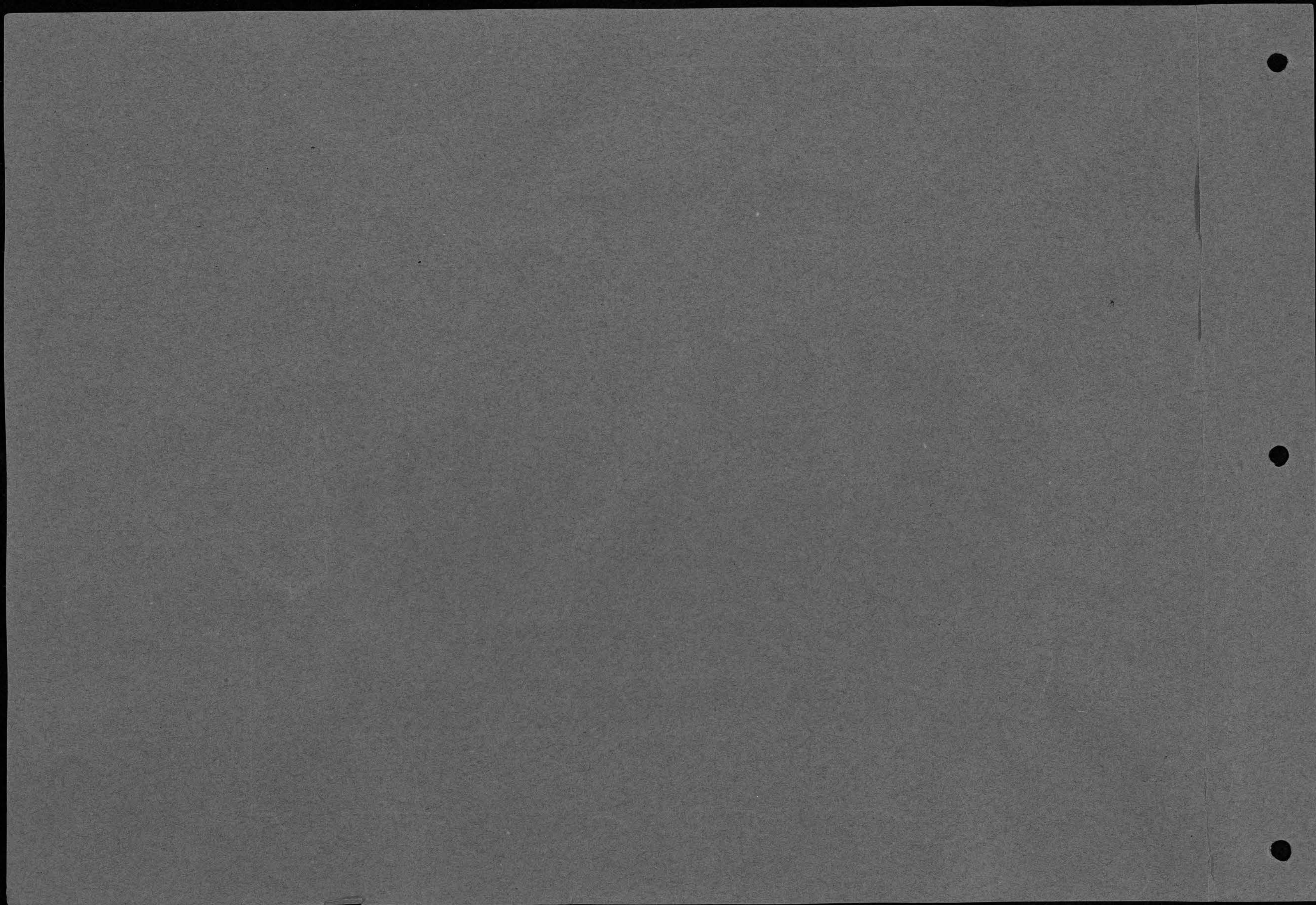
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

TESTING A CONCRETE
BEAM IN RIEHLE
TESTING MACHINE

PLACE

DATE JAN. 18, '08 } 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:

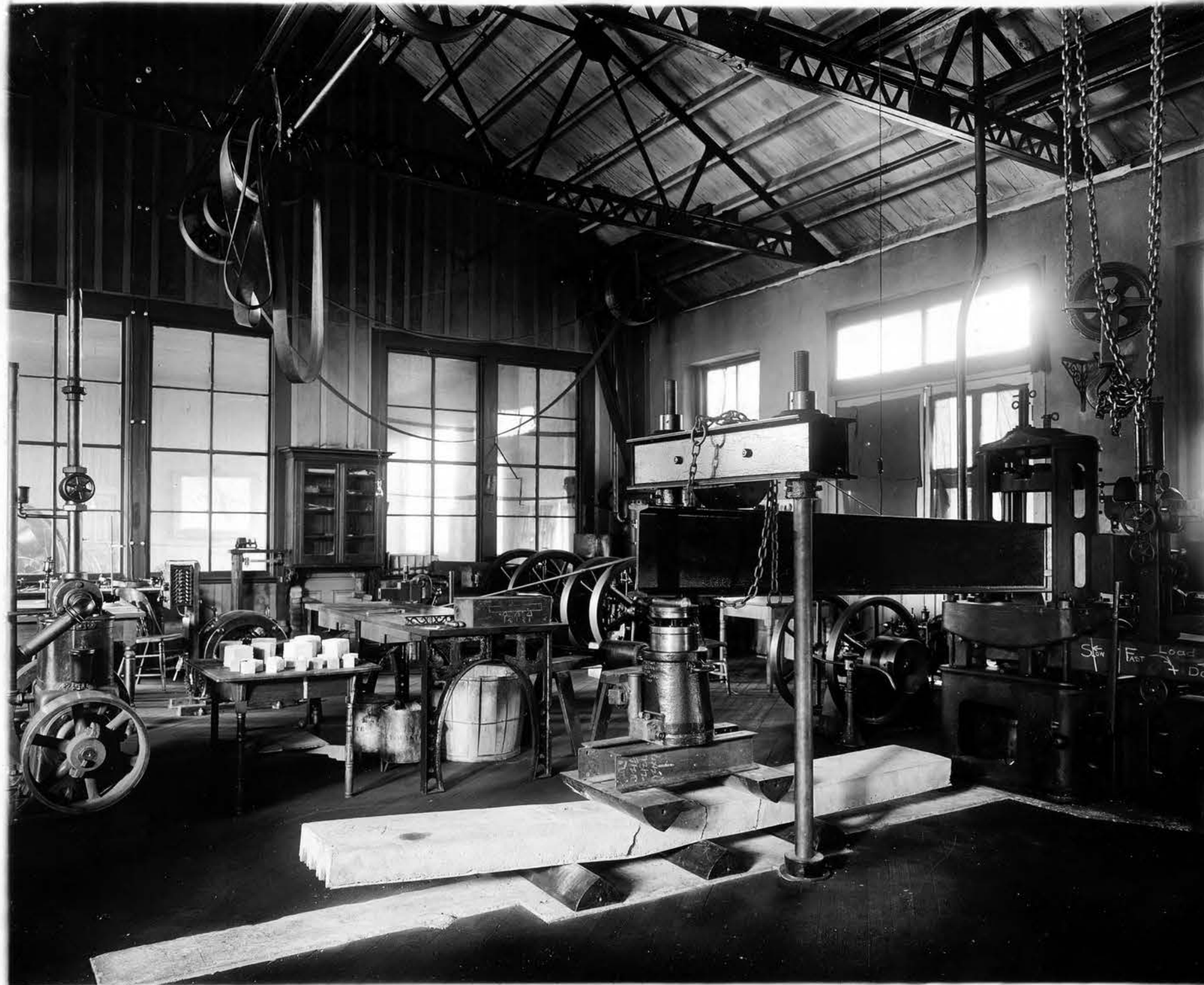
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 5-57

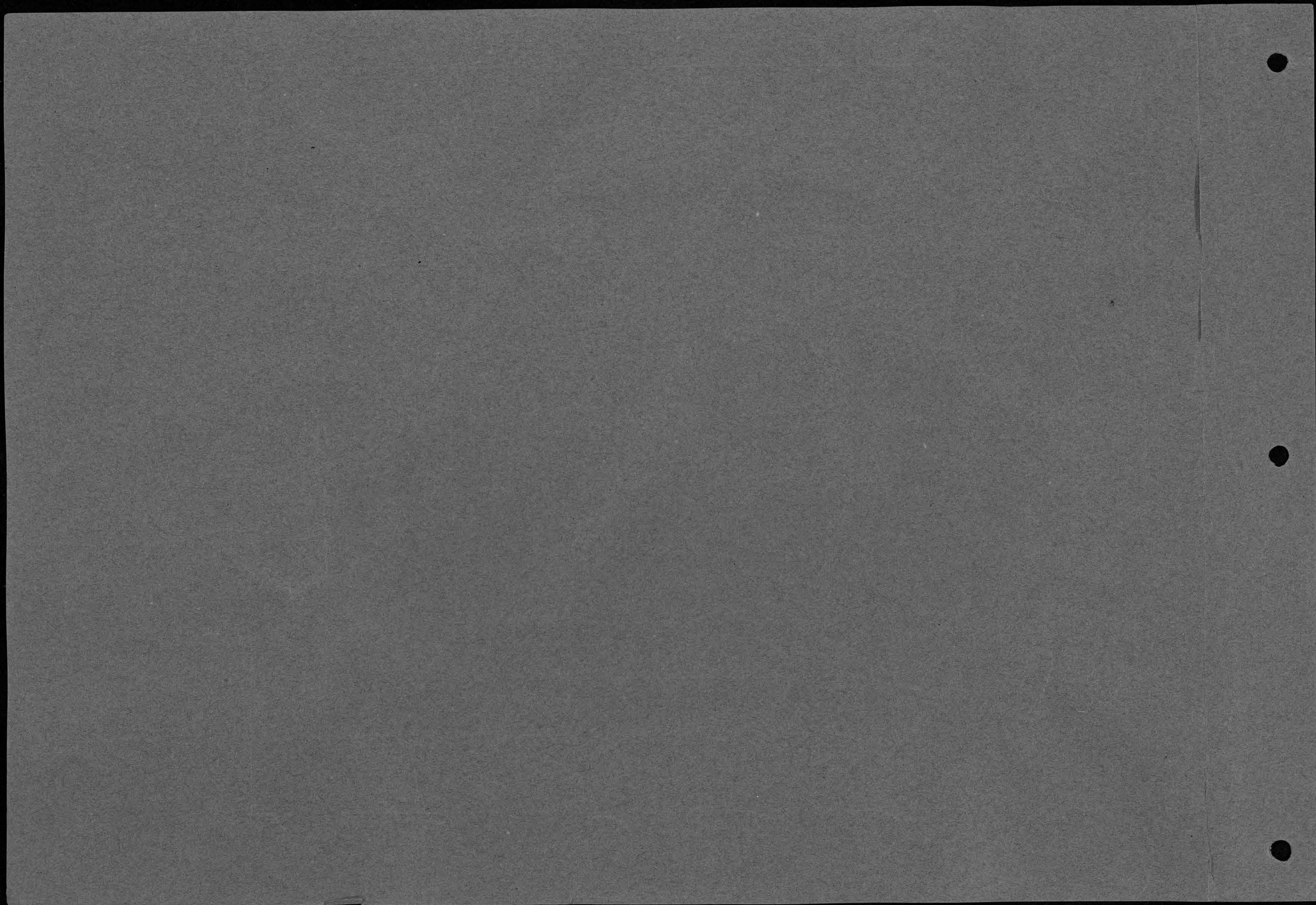
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN





KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN

FILE No.

SUBJECT:

THESIS WORK -
STRENGTH OF
MATERIALS 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

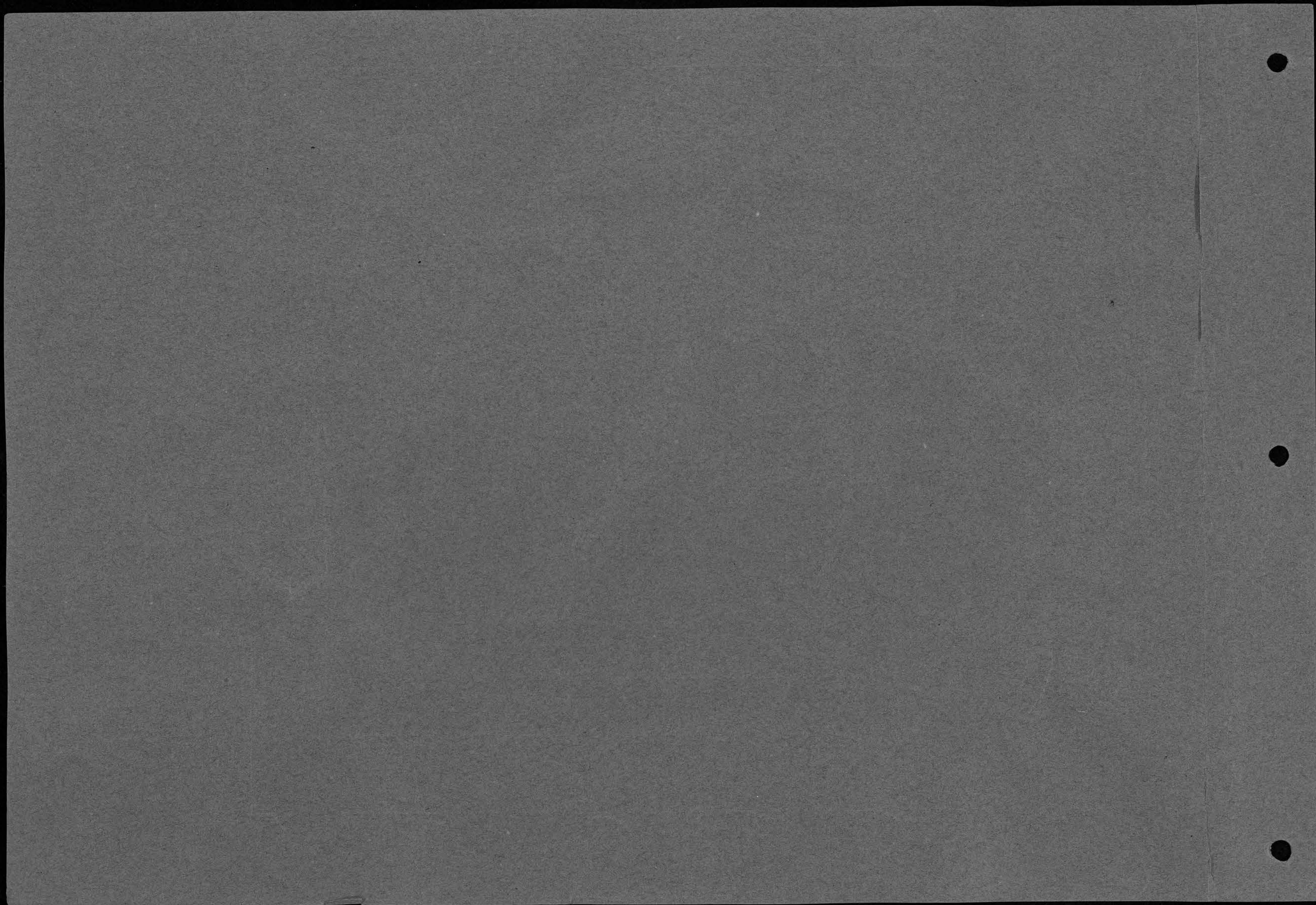
NEGATIVE NO. S-40

LOCATION

FILE

PHOTOGRAPHER

DR. ORR



FILE _____ No. _____

SUBJECT:

*RIEHL TESTING
MACHINE*

PLACE *OLD EXPERIMENTAL LAB.*

DATE *JUNE 12, 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. *S 15*

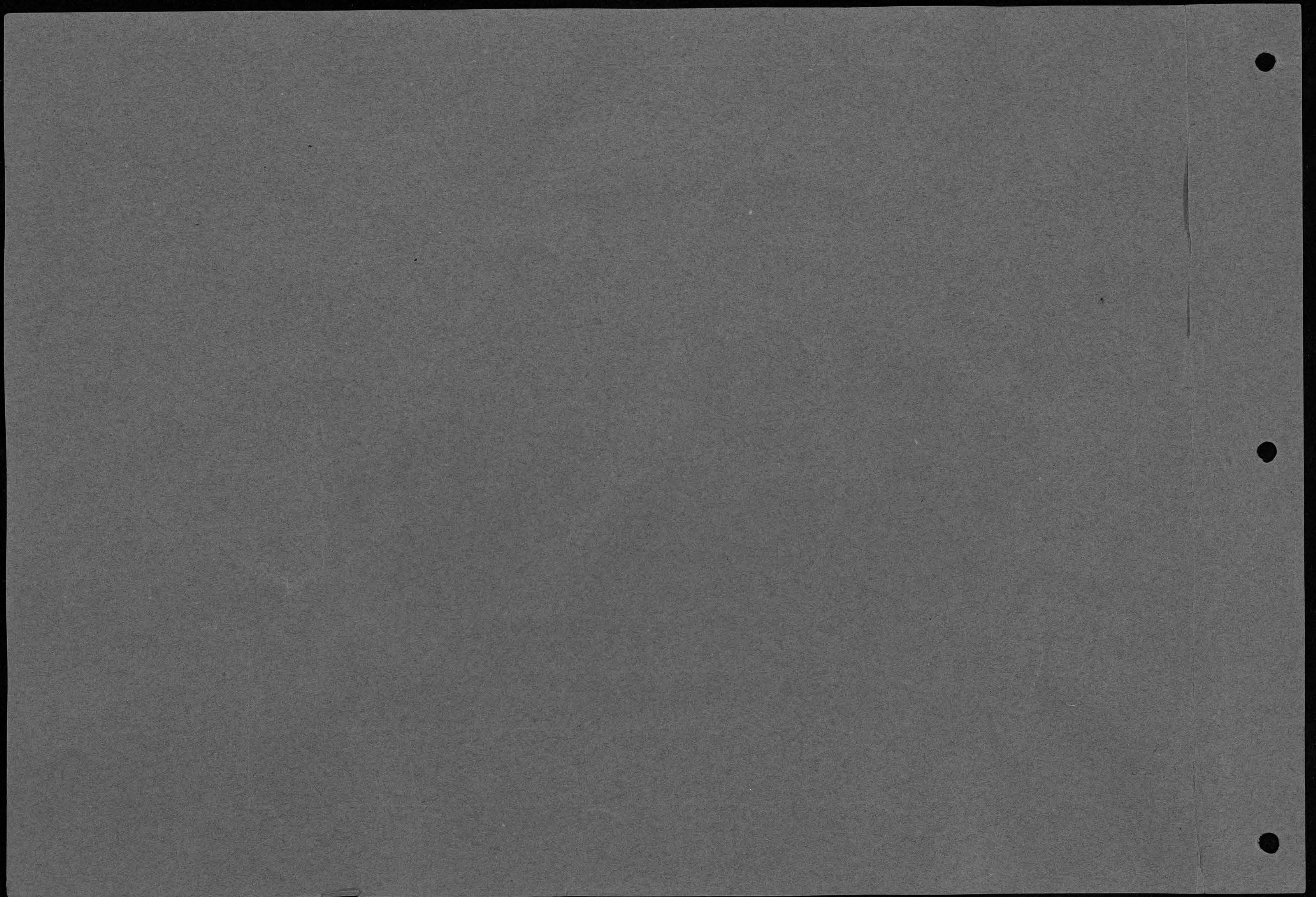
LOCATION *K. S. A. C.*

FILE _____

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

TESTING MACHINE

PLACE K.S.A.C.

DATE JUNE 18, 1908 { 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:

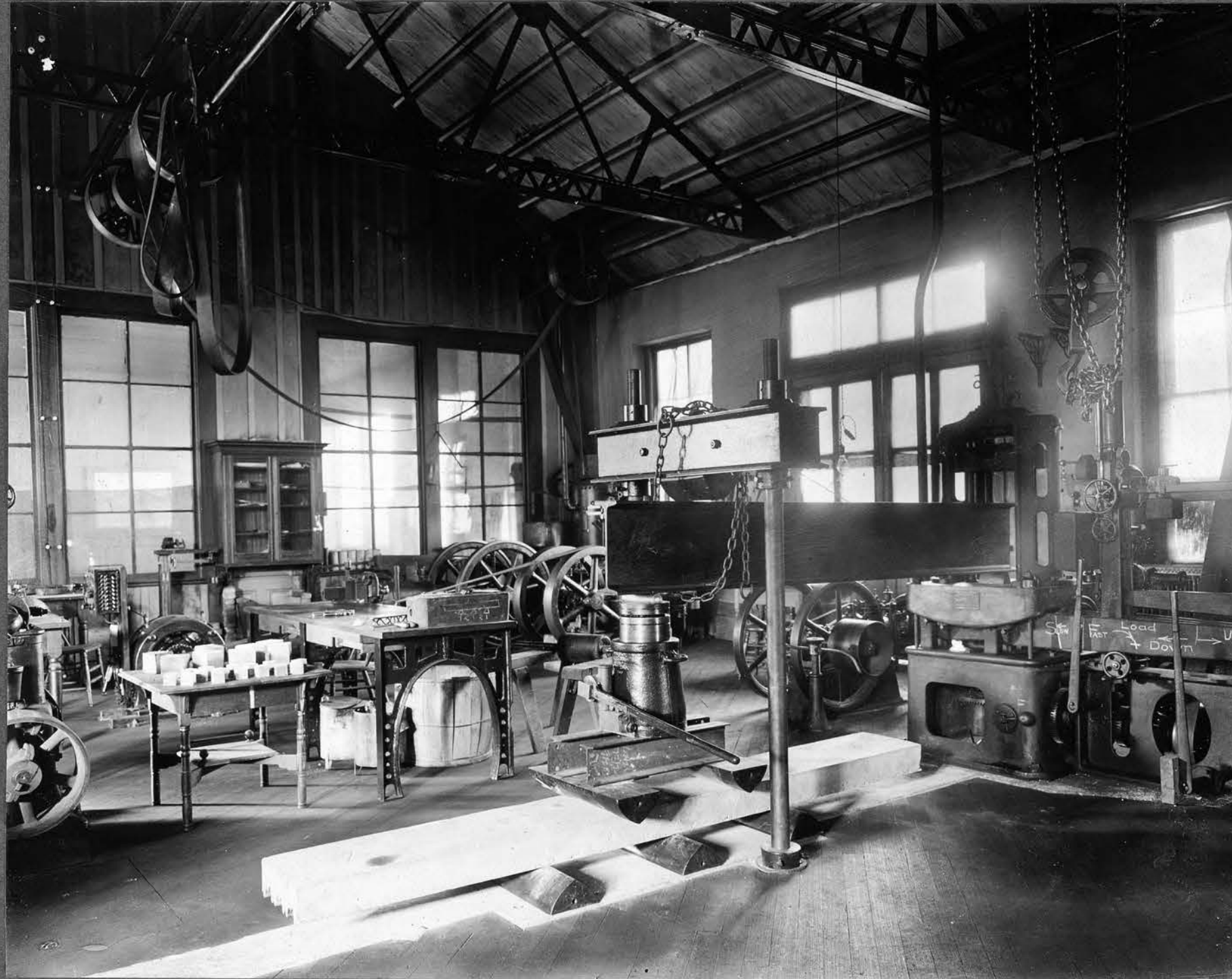
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 556

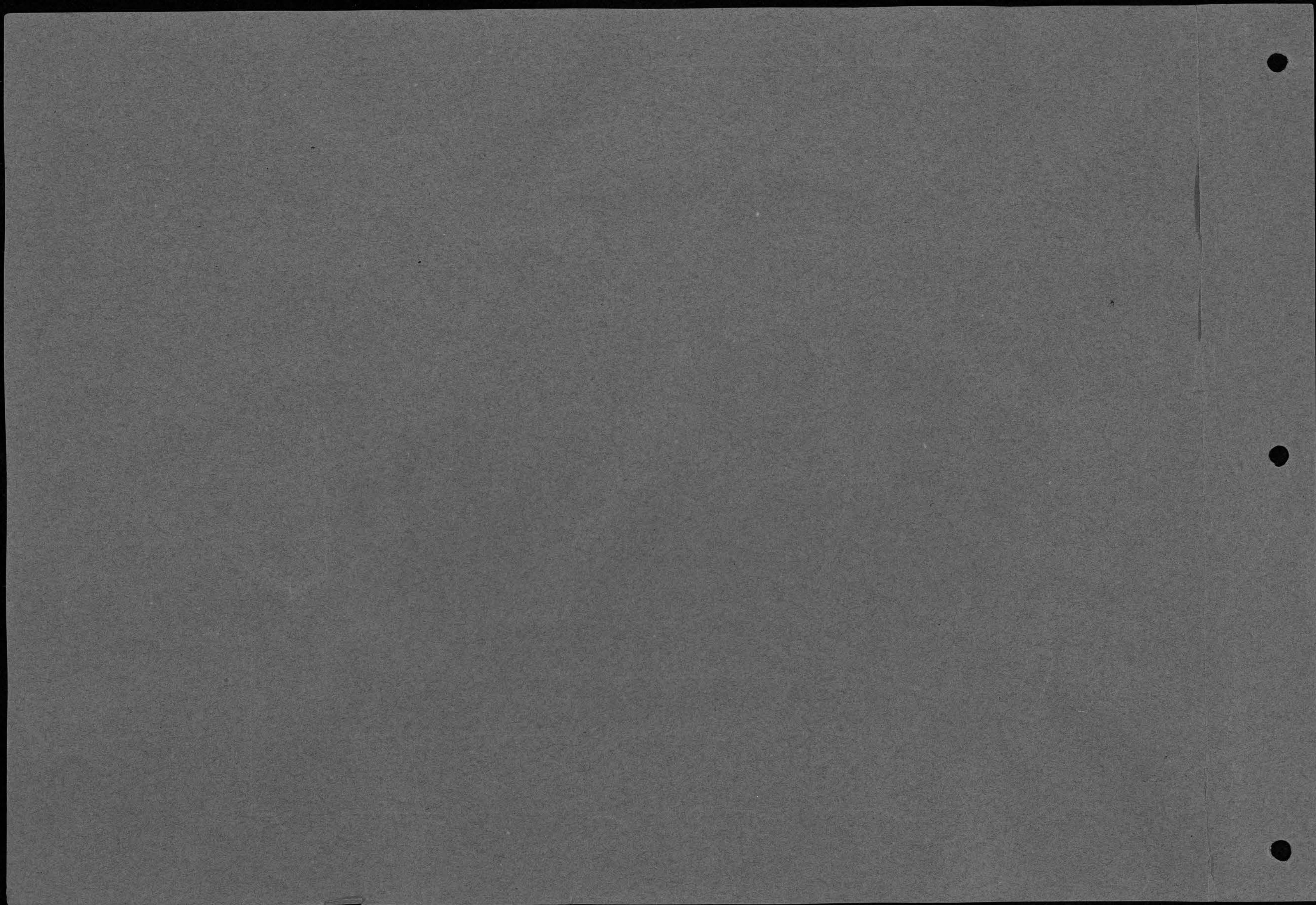
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

TORSION TESTING MACHINE

PLACE *K.S.A.C.*

DATE *MAY 28 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:

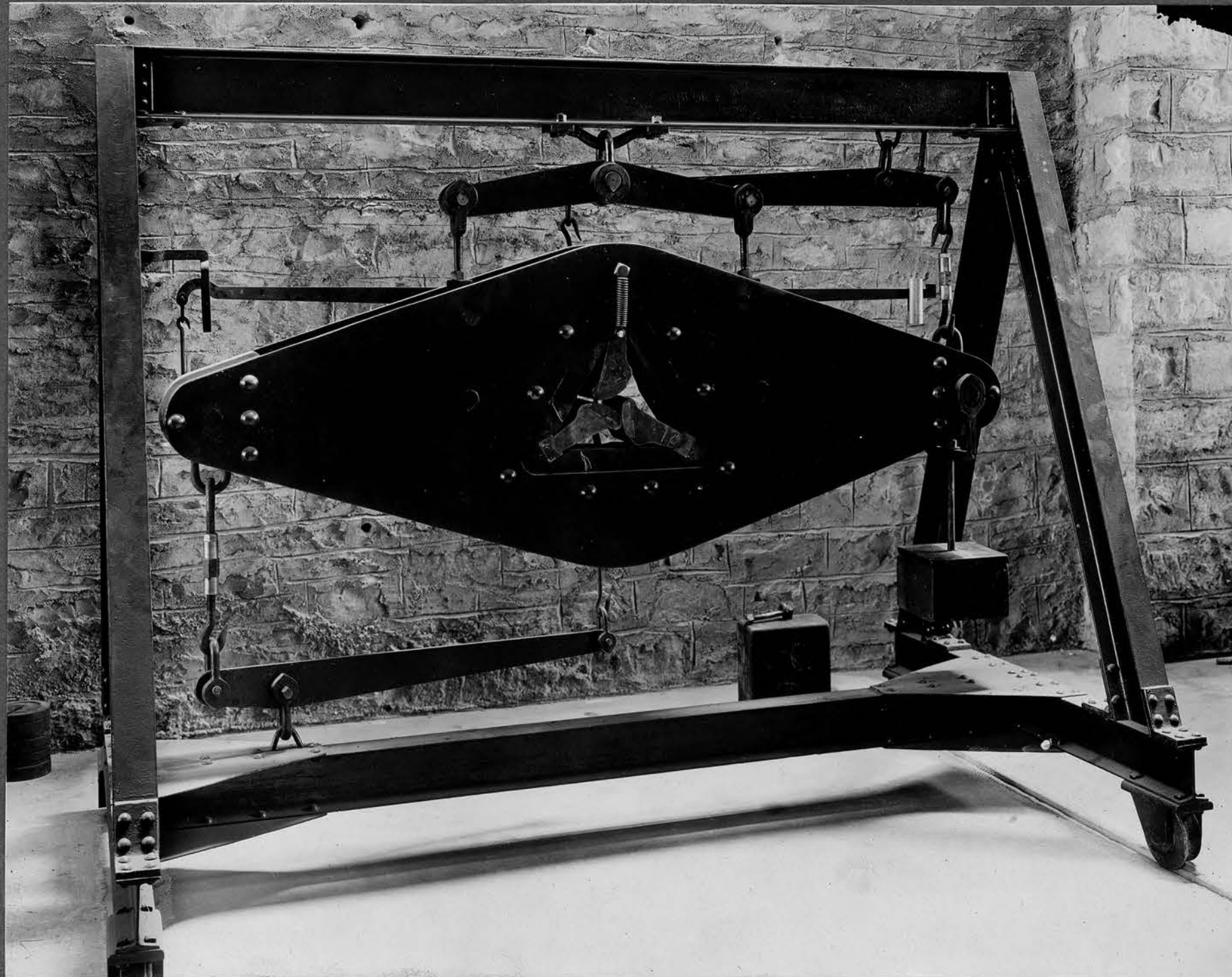
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. *546*

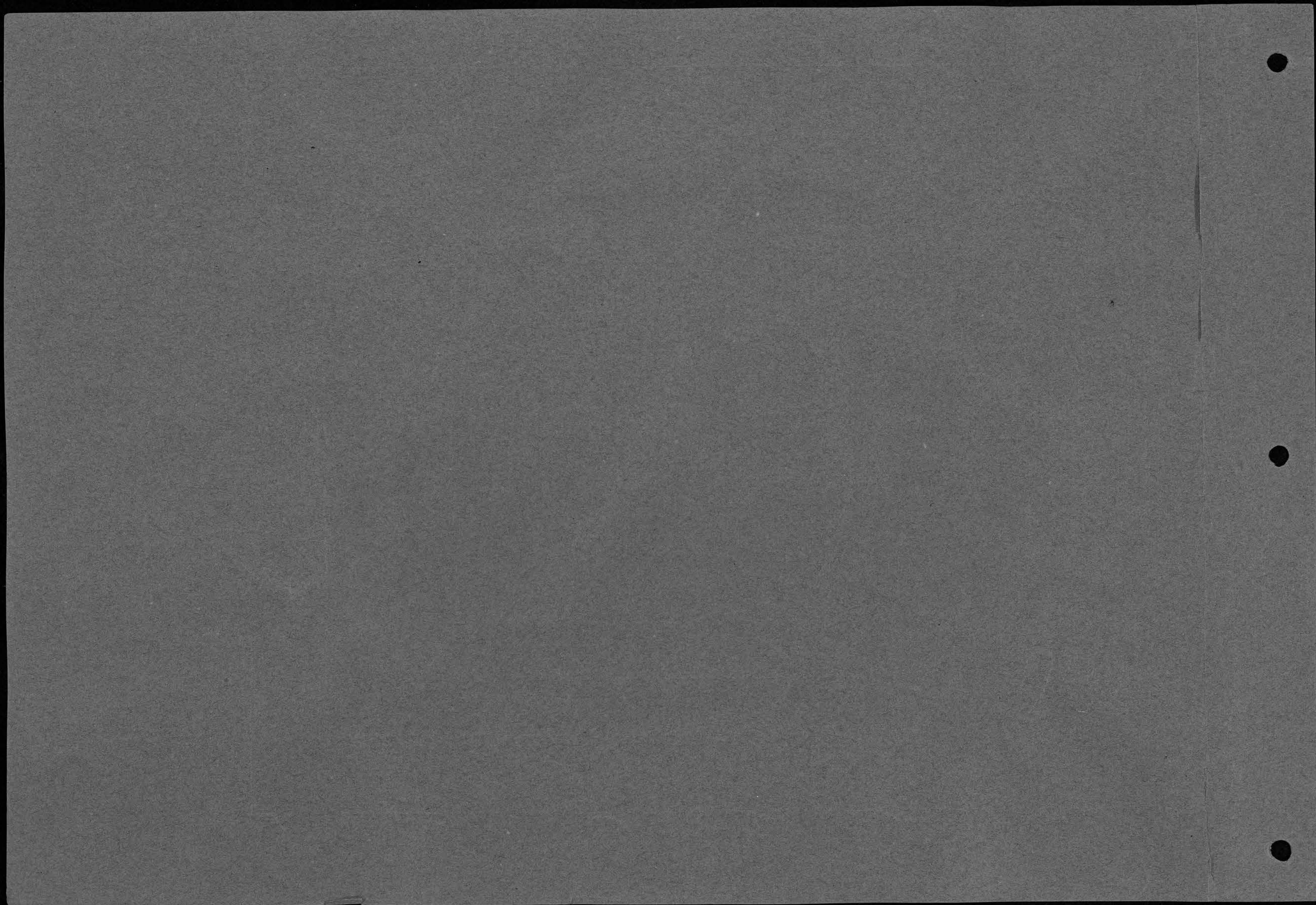
LOCATION.....

FILE.....

PHOTOGRAPHER.....



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

TORSION TESTING
MACHINE

PLACE APP. MECH. LAB.

DATE MAY 28 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:

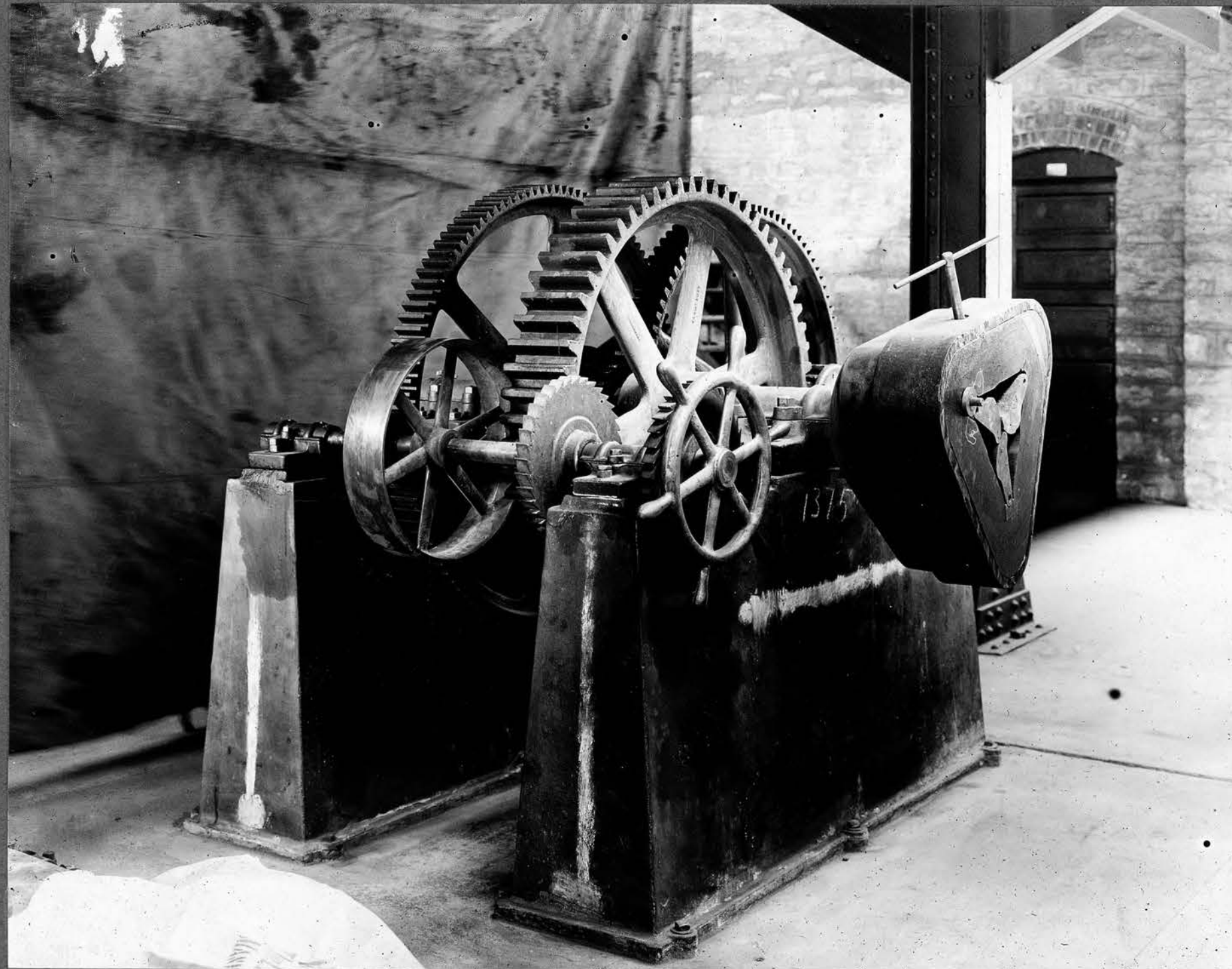
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. 589

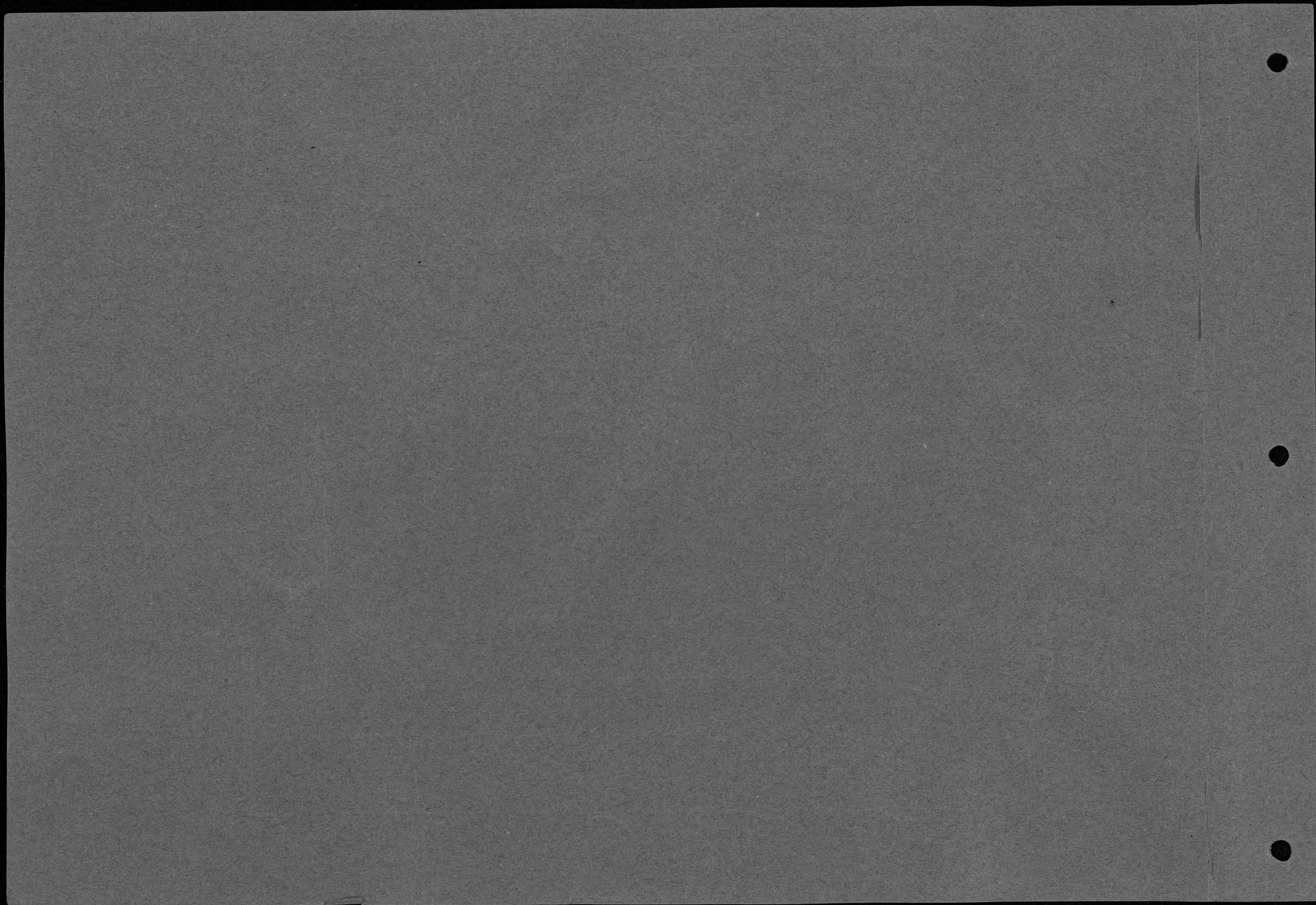
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

FORMS FOR FOUNDATION
OF OLSEN TESTING
MACHINE

PLACE APP. MECH. LAB.

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. 511

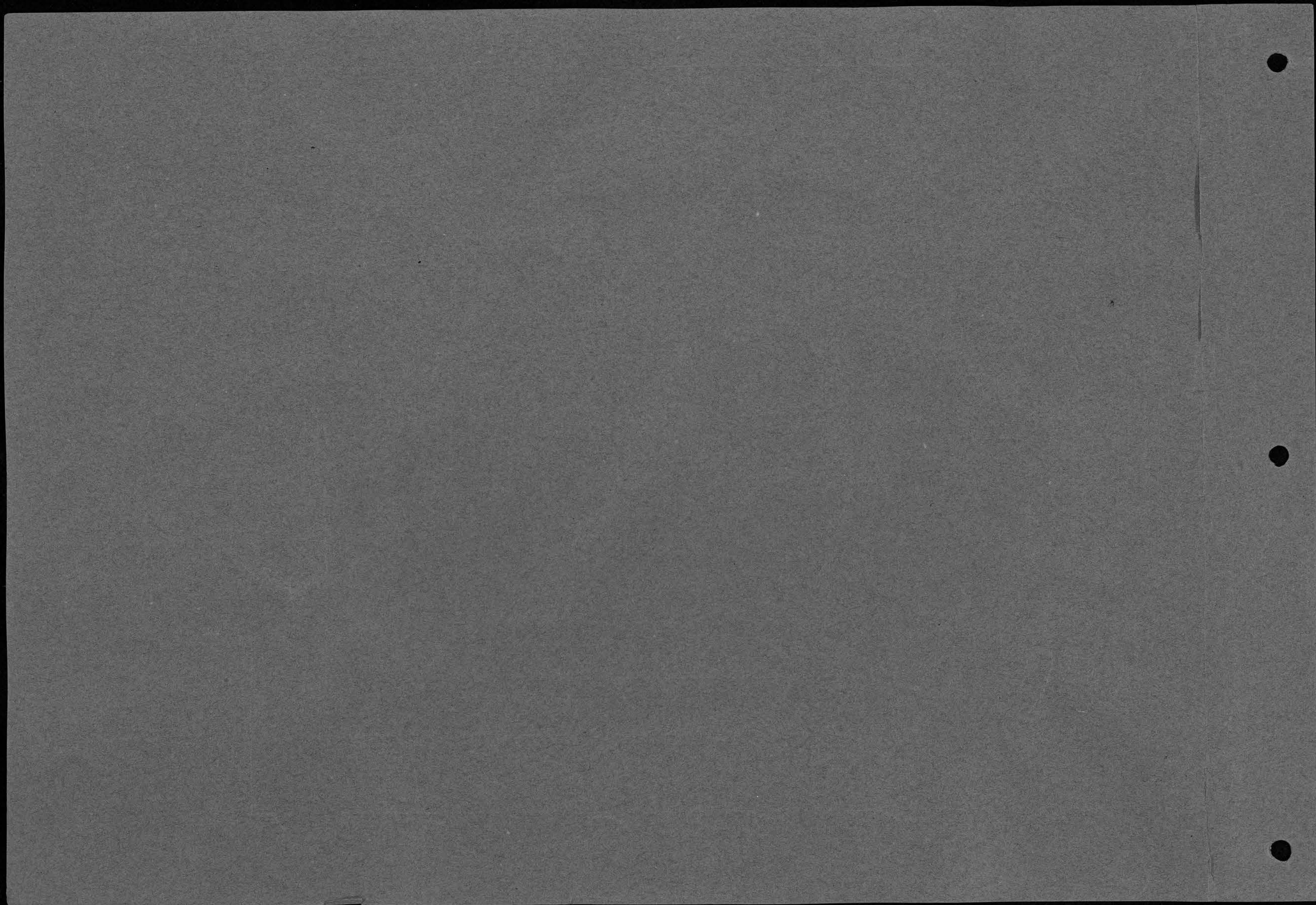
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

CONCRETE LAB.

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. 550

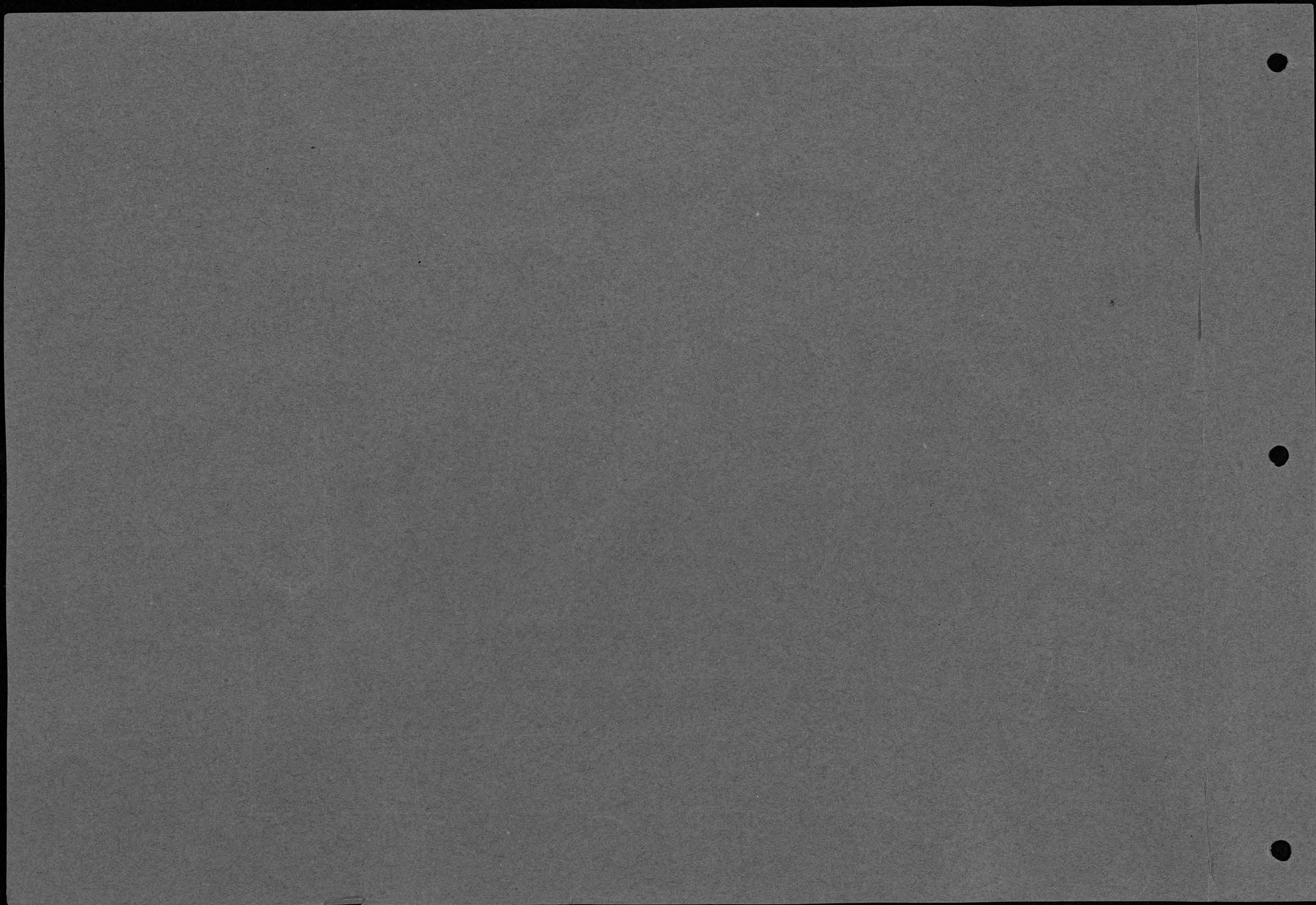
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT: _____

ROAD MATERIALS

TESTING LAB.

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. 5102

LOCATION K.S.A.C.

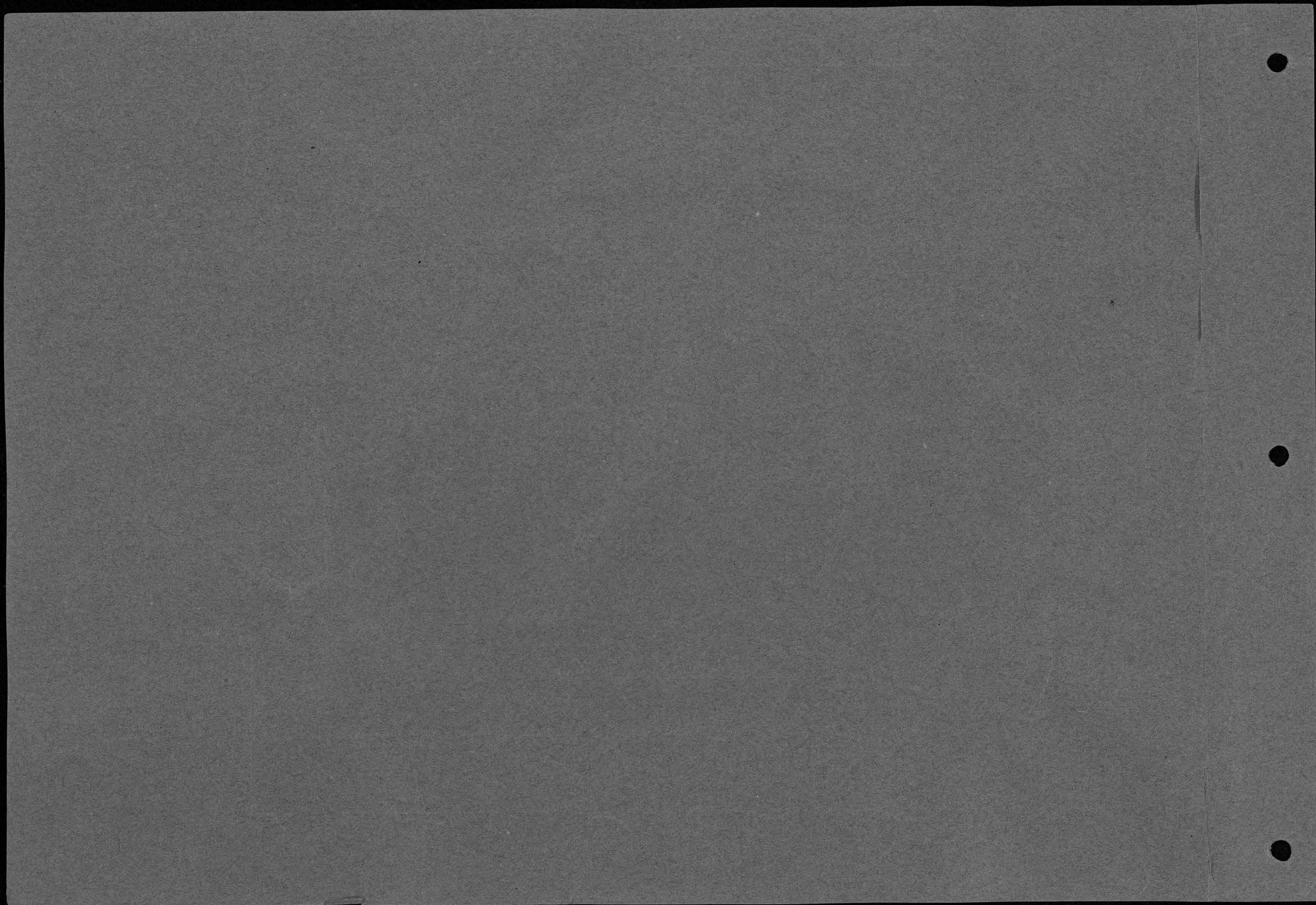
FILE _____

PHOTOGRAPHER

Howard M. Summer



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

DRAFTING ROOM

PLACE *K.S.A.C.*

DATE *MAY 14, '08* 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. *585*

LOCATION

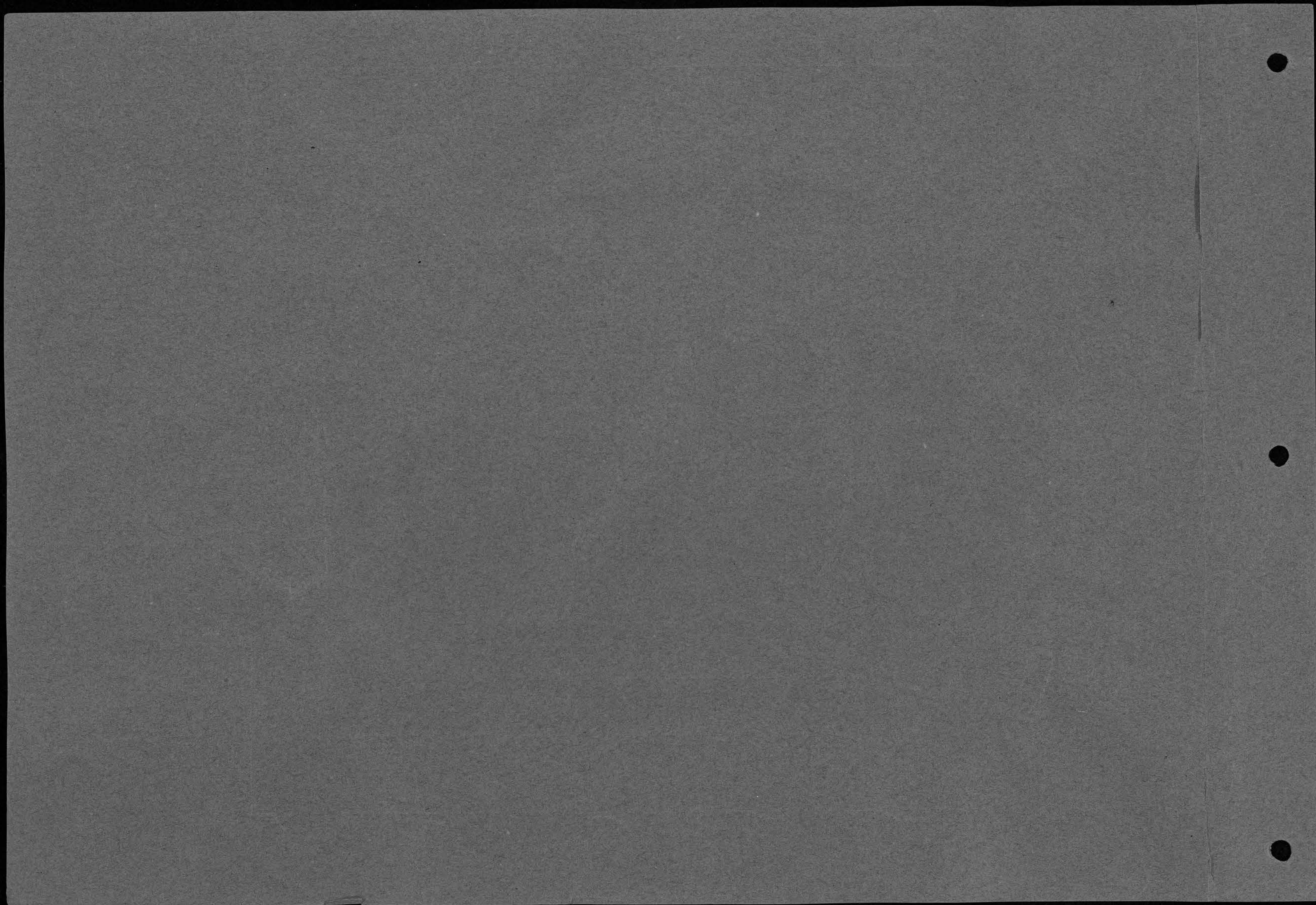
FILE

PHOTOGRAPHER

DR. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

CLASS IN DRAFTING
ROOM

PLACE K.S.A.C.

DATE MAR. 12, 1910 } 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. 512

LOCATION K.S.A.C.

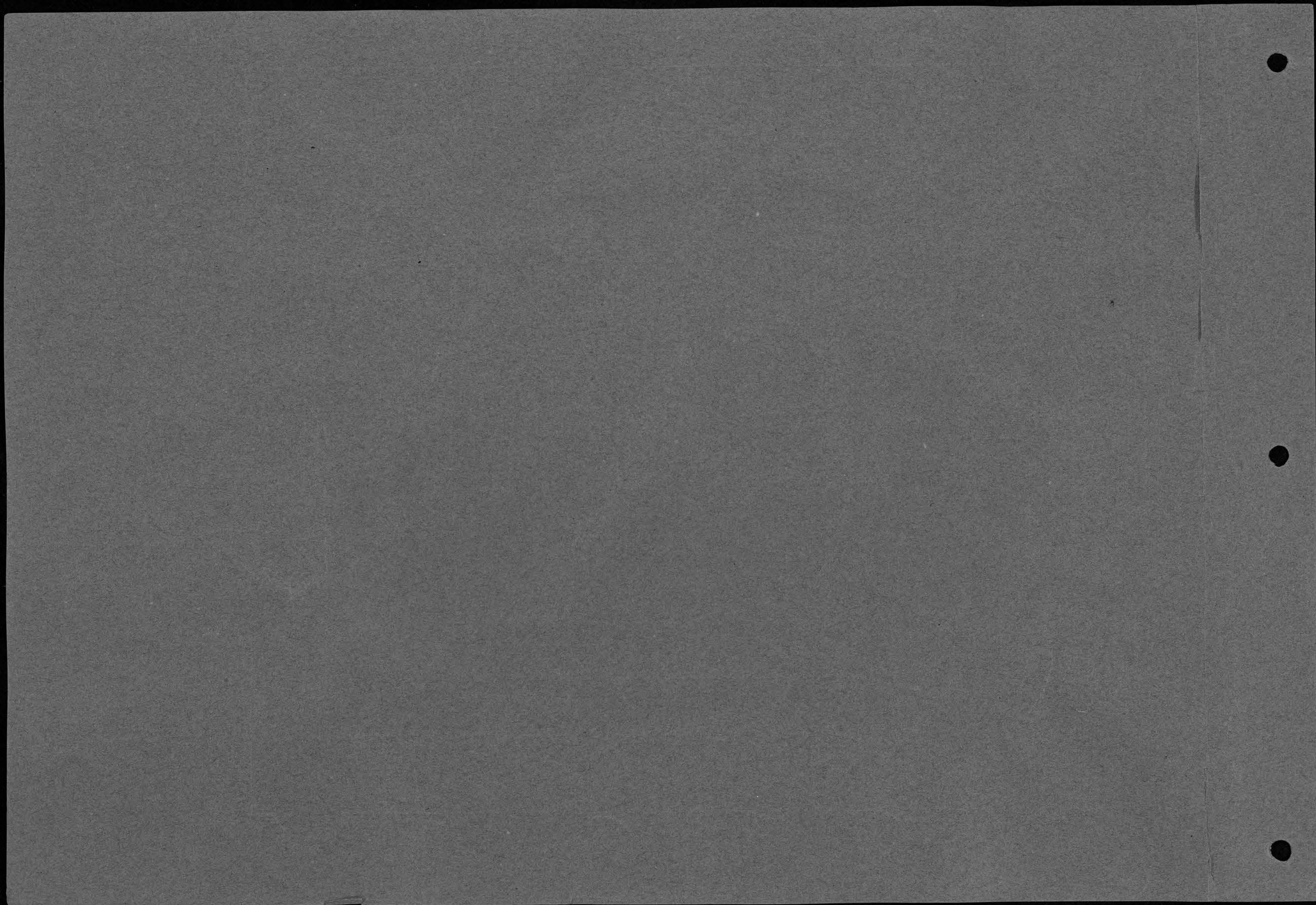
FILE

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

CLASS IN DRAFTING
Room

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. 549

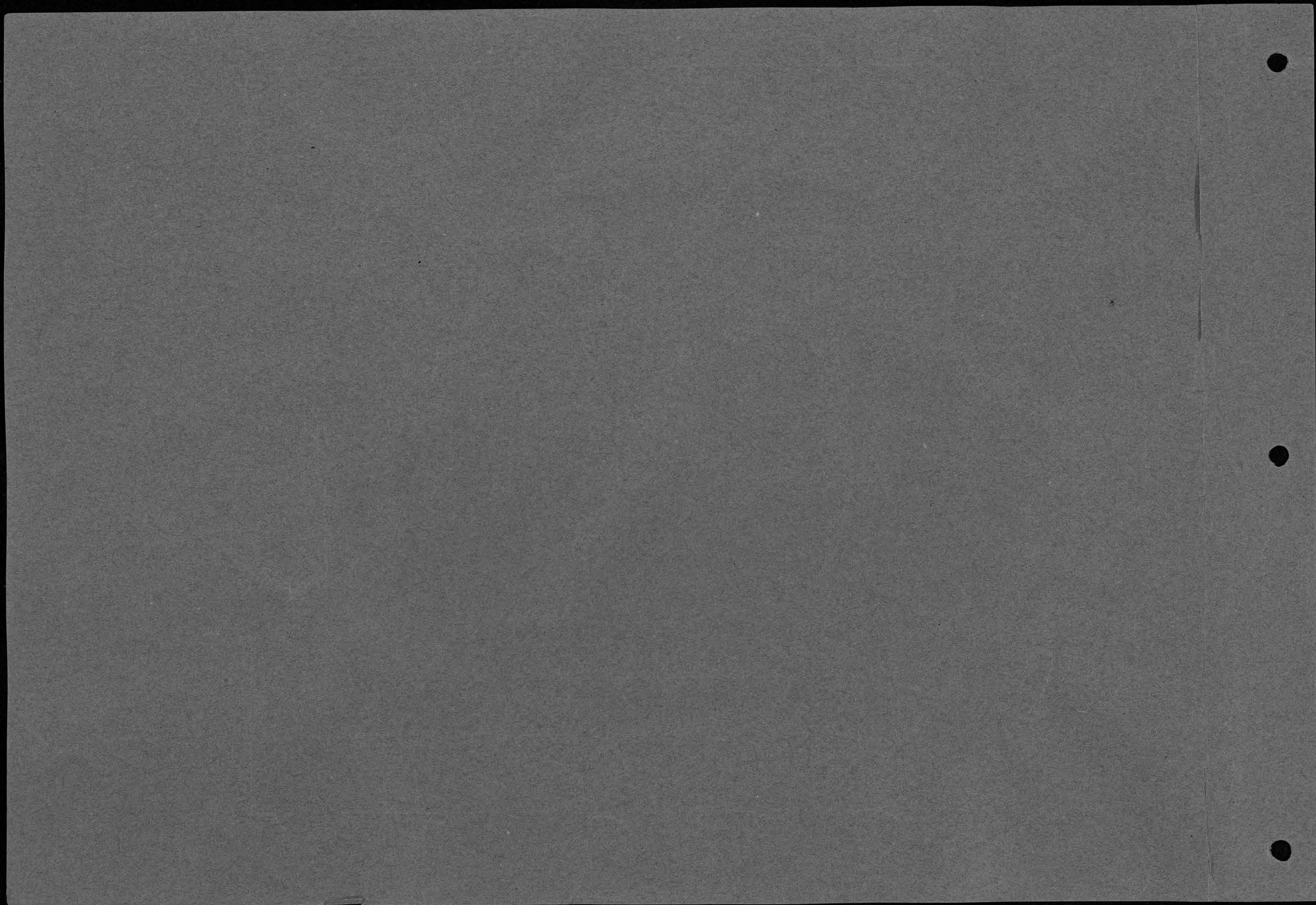
LOCATION K.S.A.C.

FILE.....

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

CLASS IN DRAETING
ROOM

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:

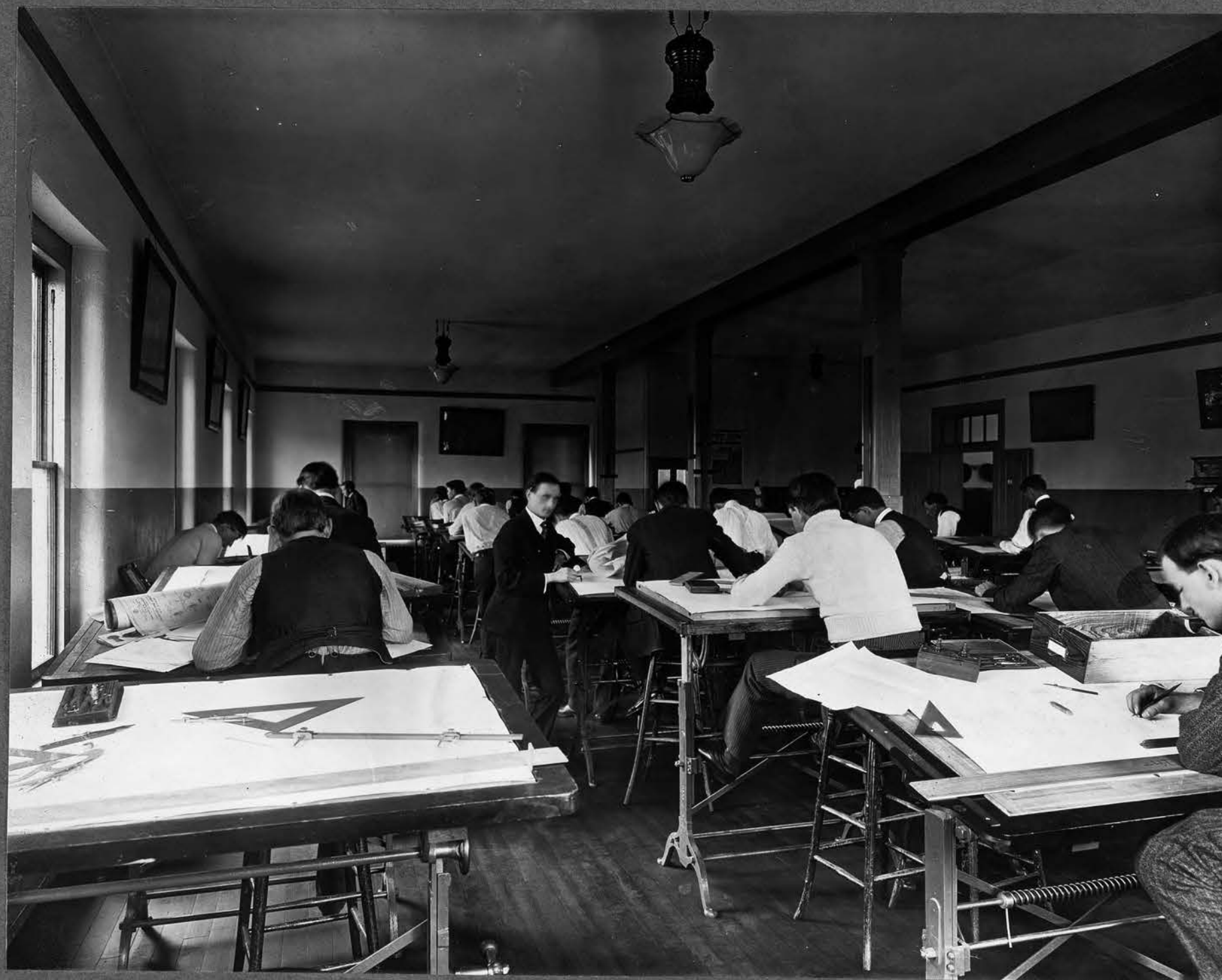
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. S-59

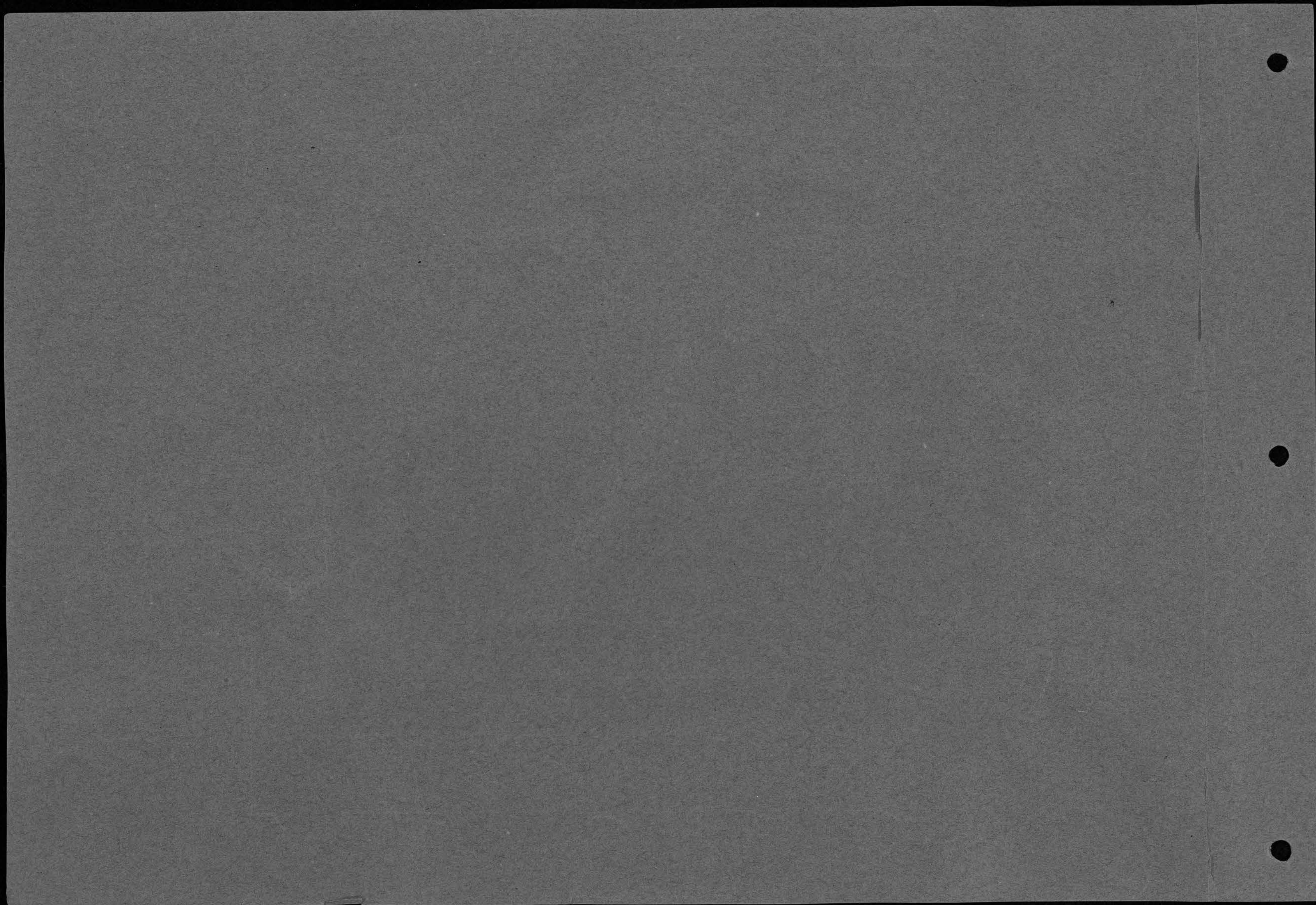
LOCATION K.S.A.C.

FILE.....

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

DRAFTING TABLE
DESIGNED & BUILT CAM-
PLATE IN SHOPS

PLACE *H.S.A.C.*

DATE *12/7/11* } *9:15* A.M.
P.M.

PLATE *SEEP 27X* } RAY FILTER
BACKED

ACTINOMETER TIME *12* M. *5* S.

LENGTH EXPOSURE *30* M. *30* S.

STOP { F. *14*
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-59*

LOCATION *H.S.A.C.*

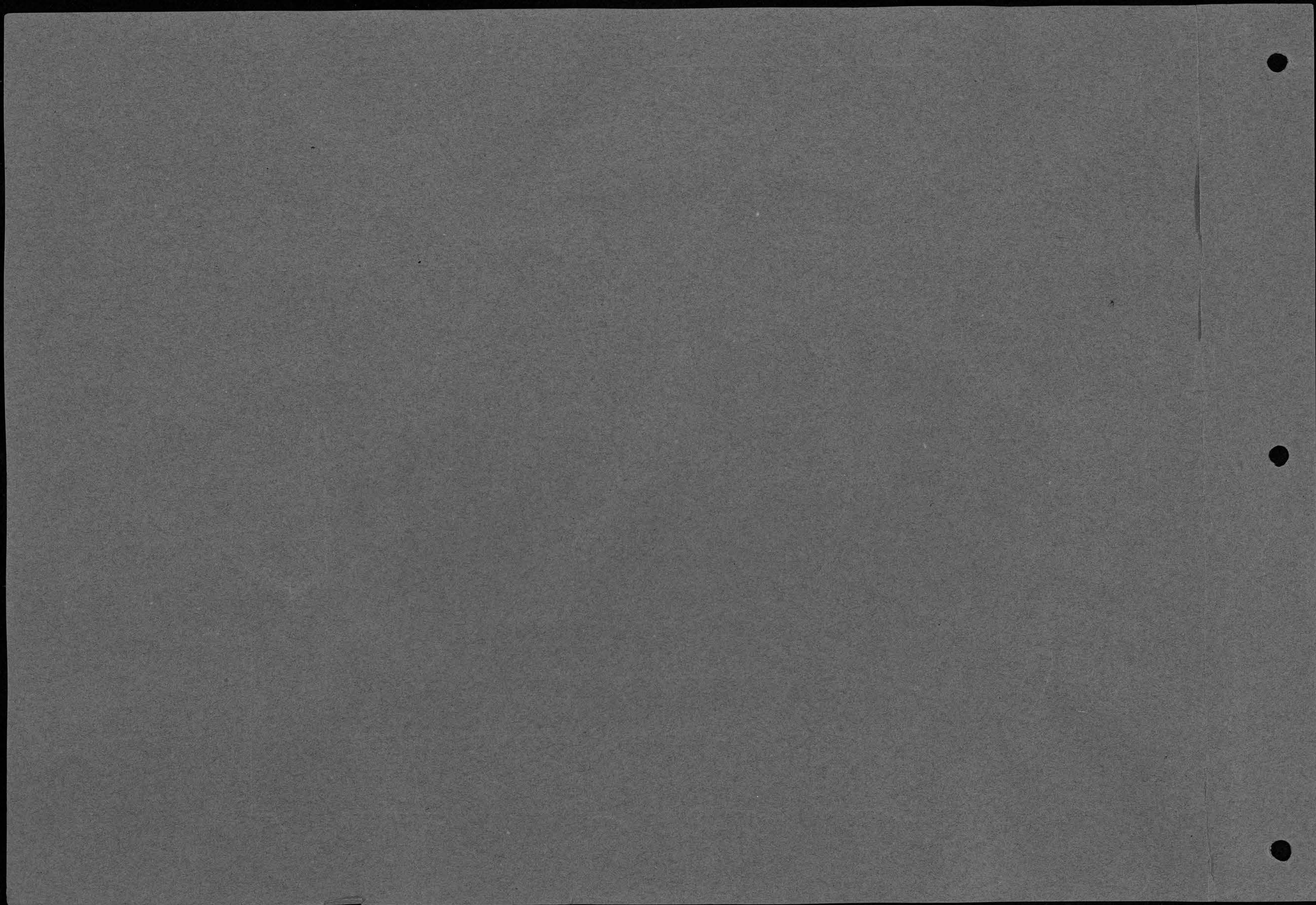
FILE.....

PHOTOGRAPHER

Howard M. Standen



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

DRAFTING ROOM
DEPT. OF MACH. DESIGN

PLACE

DATE *JAN 20, '12* { A.M.
NIGHT P.M.

PLATE *GRANIER'S BAYNET* { RAY FILTER
BACKED

ACTINOMETER TIME M. S.

LENGTH EXPOSURE *60* M. S.

STOP { F.
U. S. *64*

LENS { DOUBLE FOCUS
WIDE ANGLE
BACK FOCUS

CONDITIONS:

☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN *9-200cp*
☐ HAZY SUN *Tungsten*
☐ CLOUDY, BRIGHT *LAMPS.*
☐ CLOUDY, DULL

NEGATIVE NO. *5-48*

LOCATION

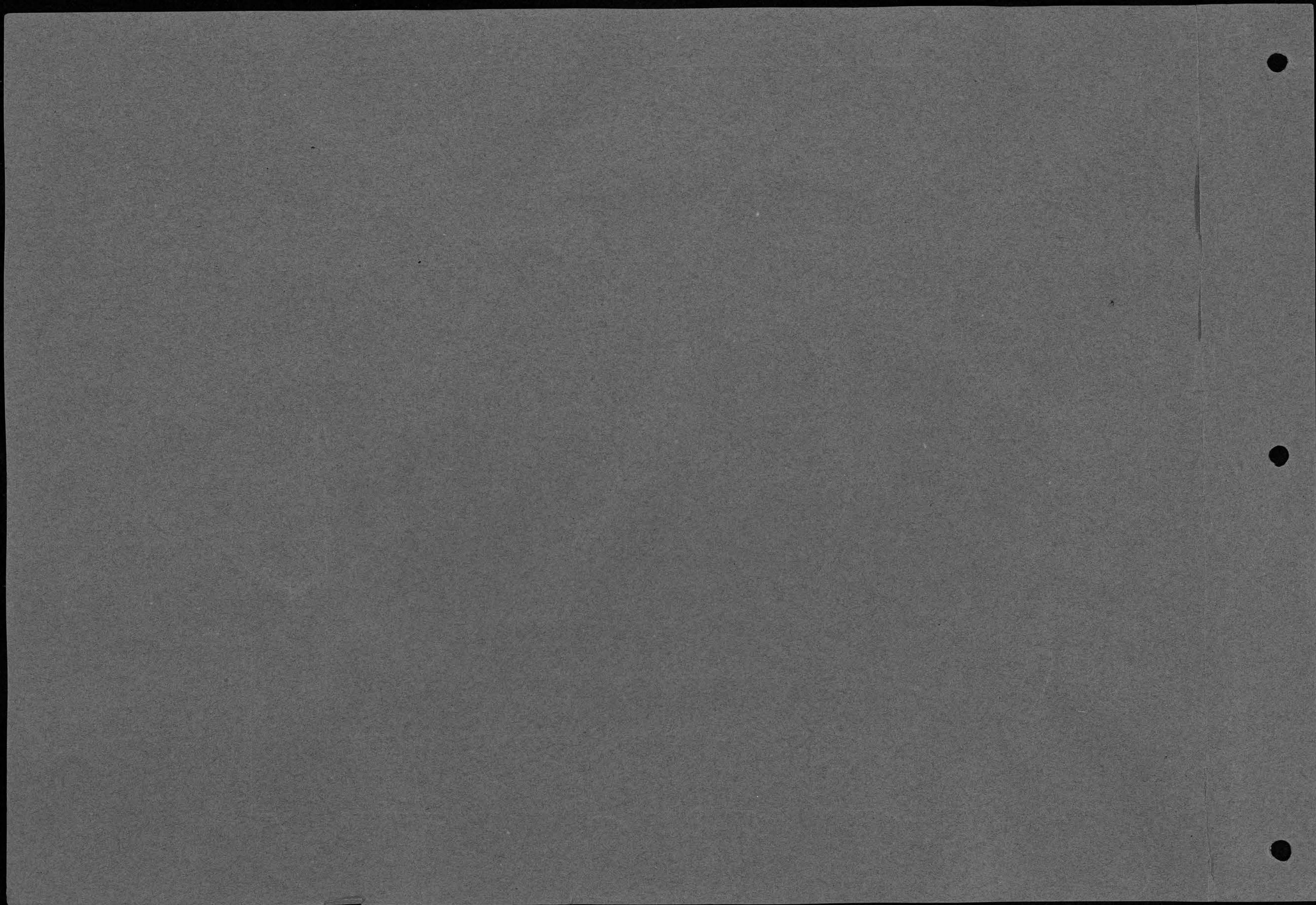
FILE

PHOTOGRAPHER

DR. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

STEAM ENGINE TEST

PLACE ST. AND GAS LAB.

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. 552

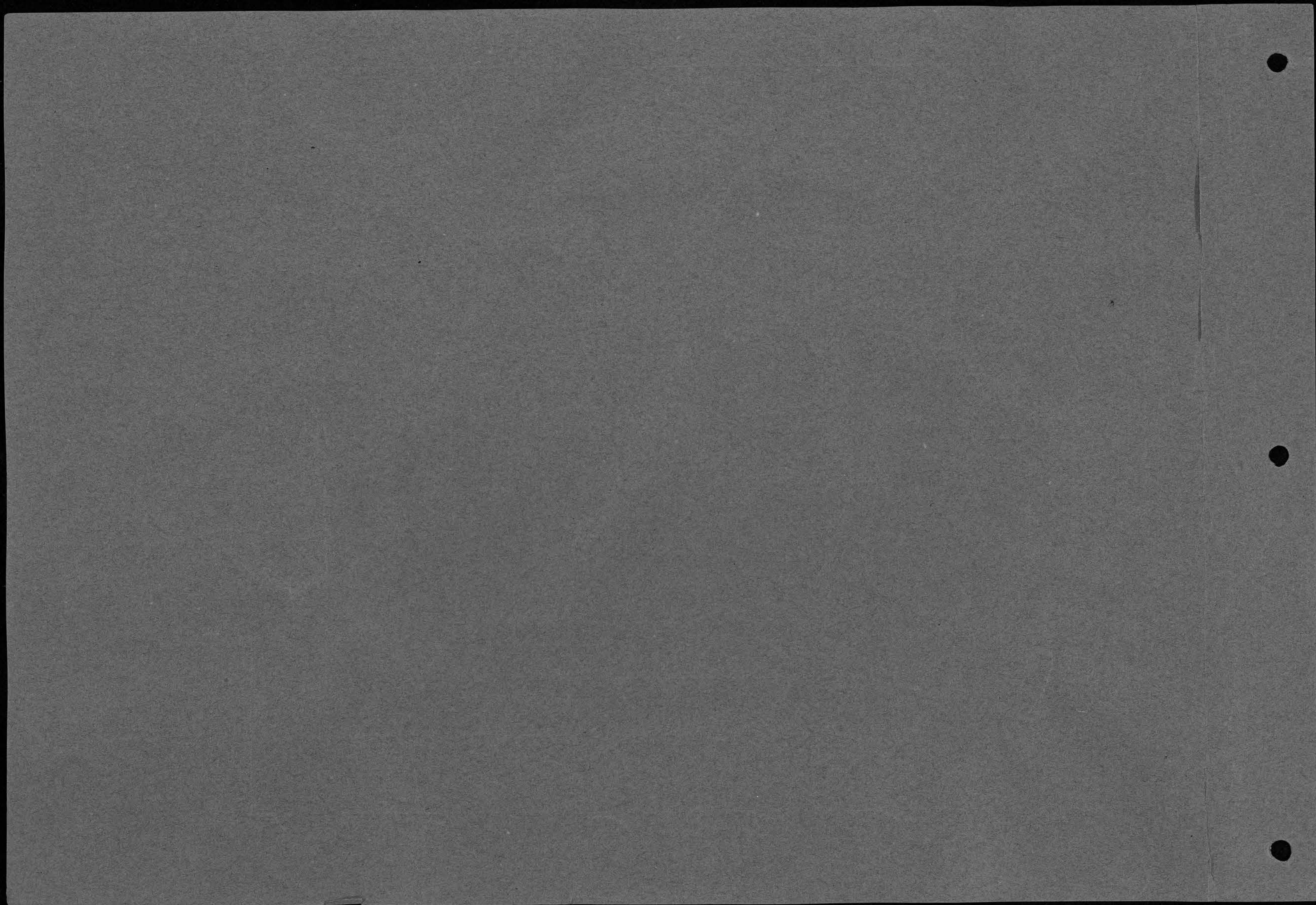
LOCATION K.S.A.C.

FILE.....

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

CLASS IN GAS ENGINE
LAB.

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:

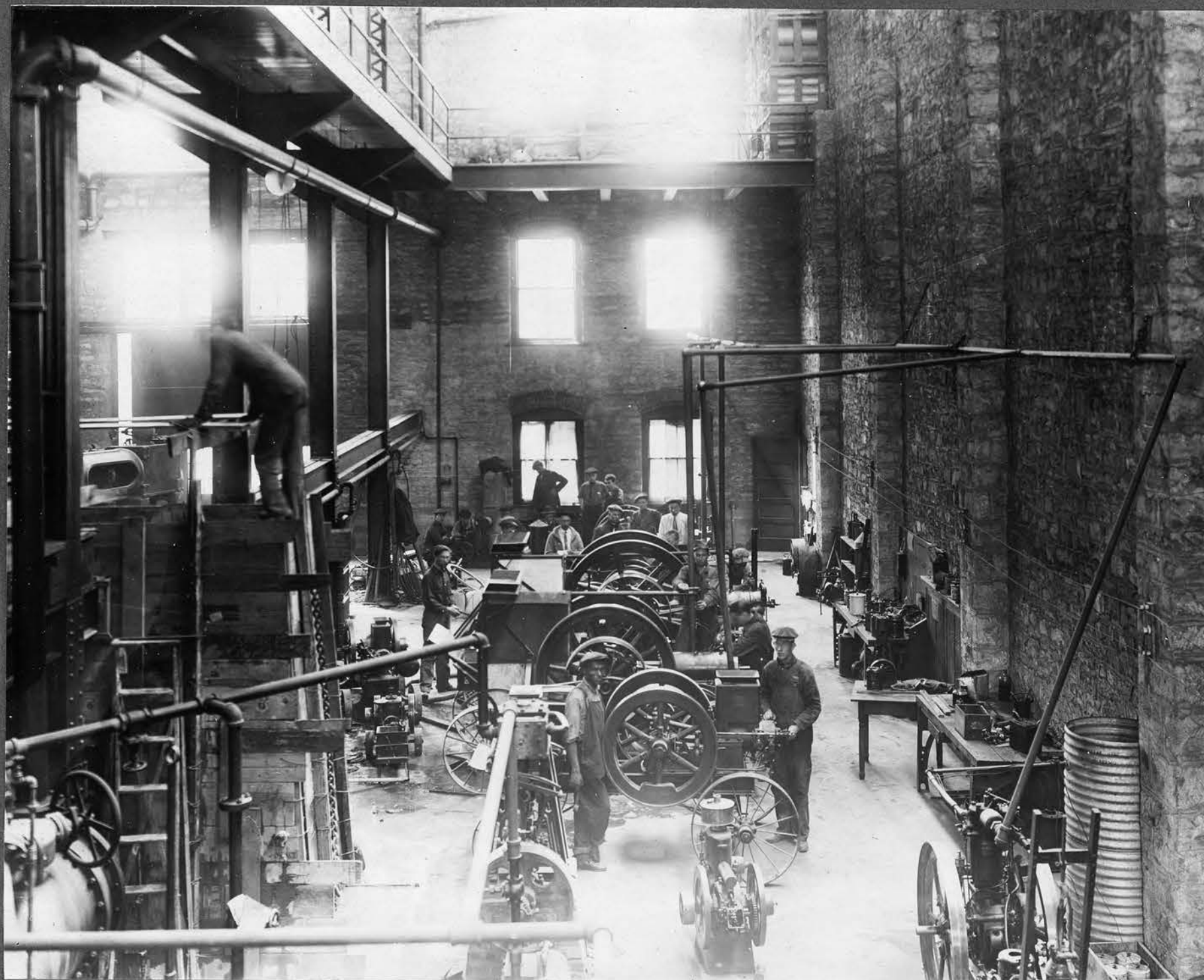
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 5100

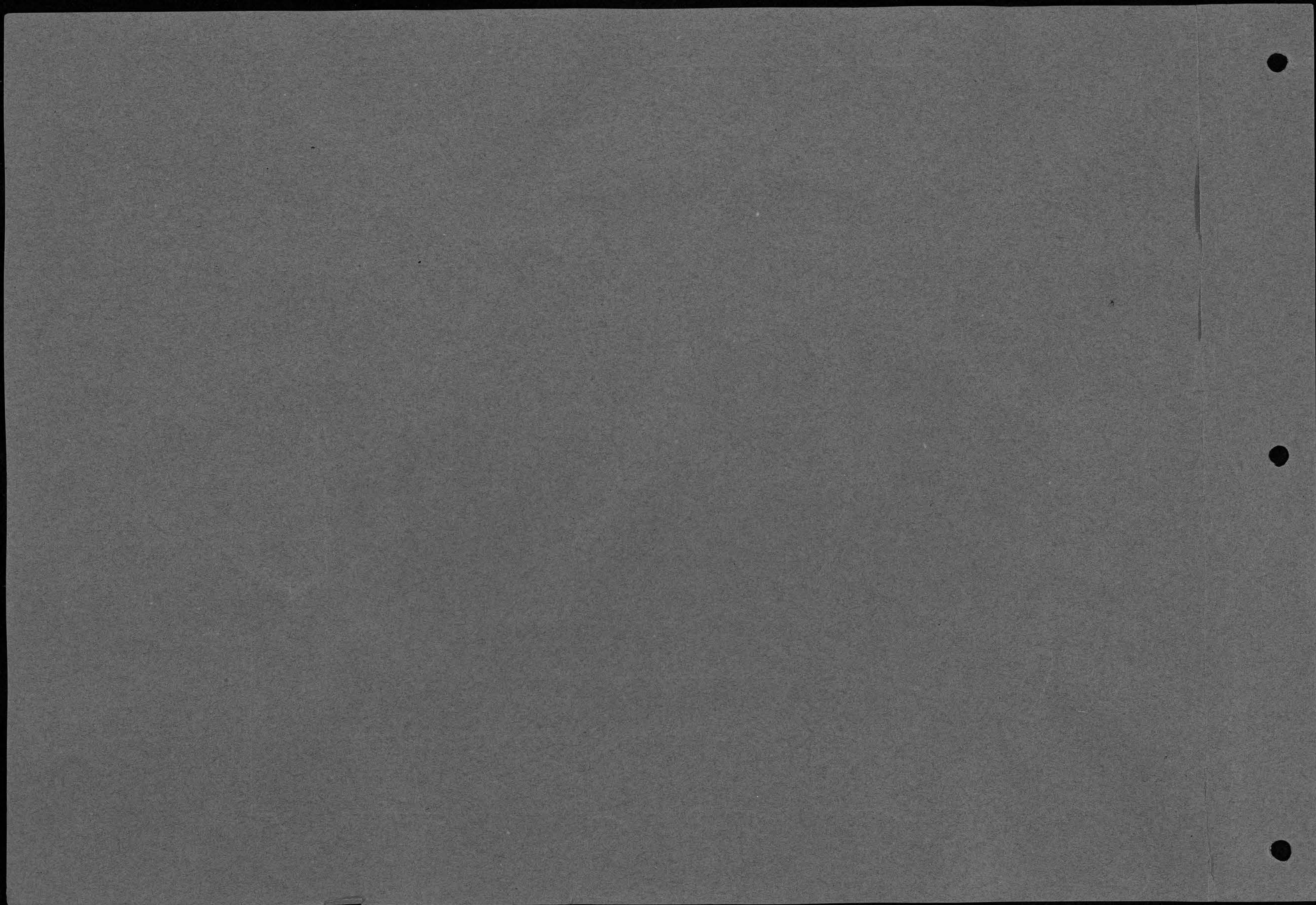
LOCATION K.S.A.C.

FILE _____

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

*SMALL ENGINE-
GENERATOR SET*

PLACE *K.S.A.C.*

DATE *DEC 29, 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:

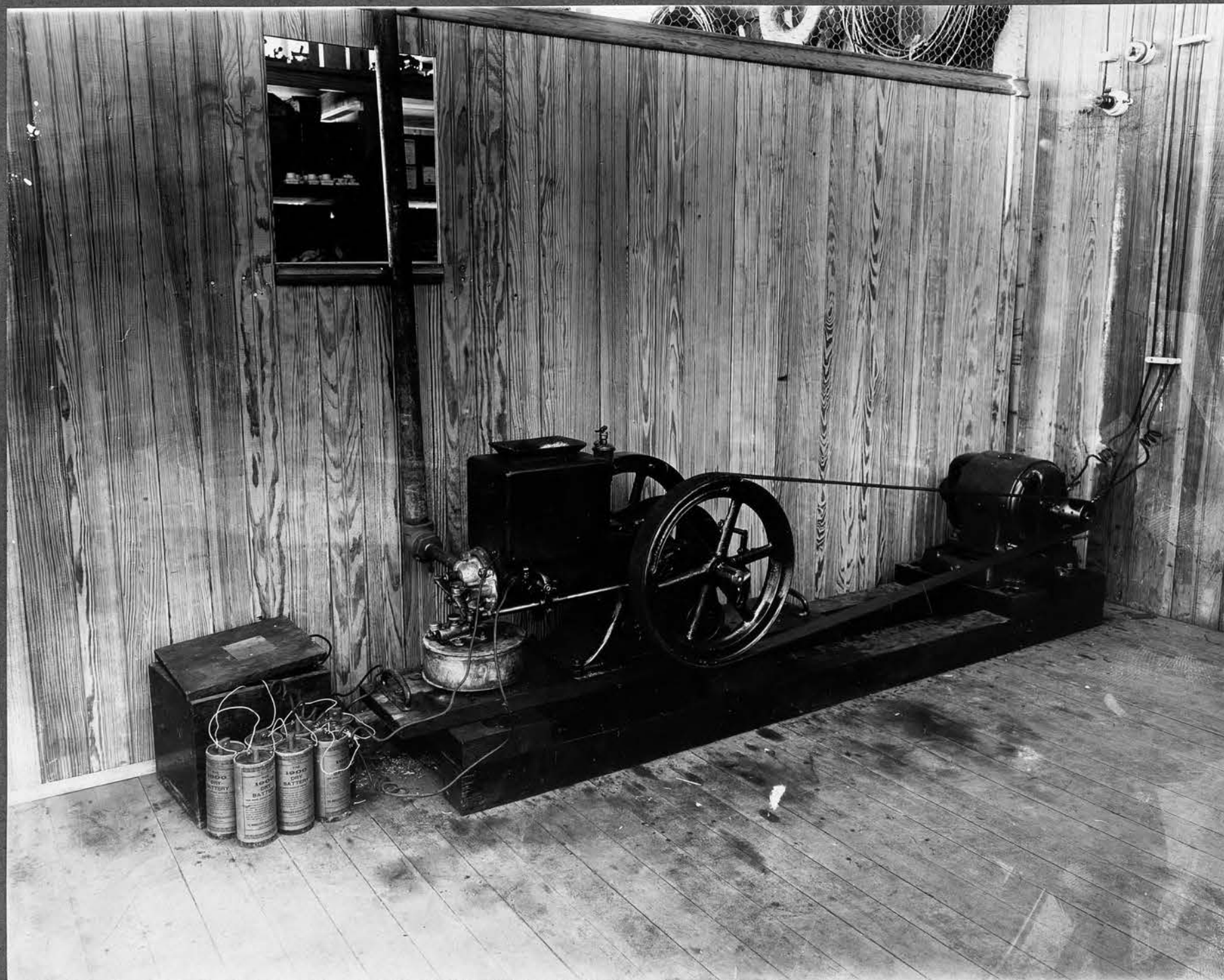
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. *S-63*

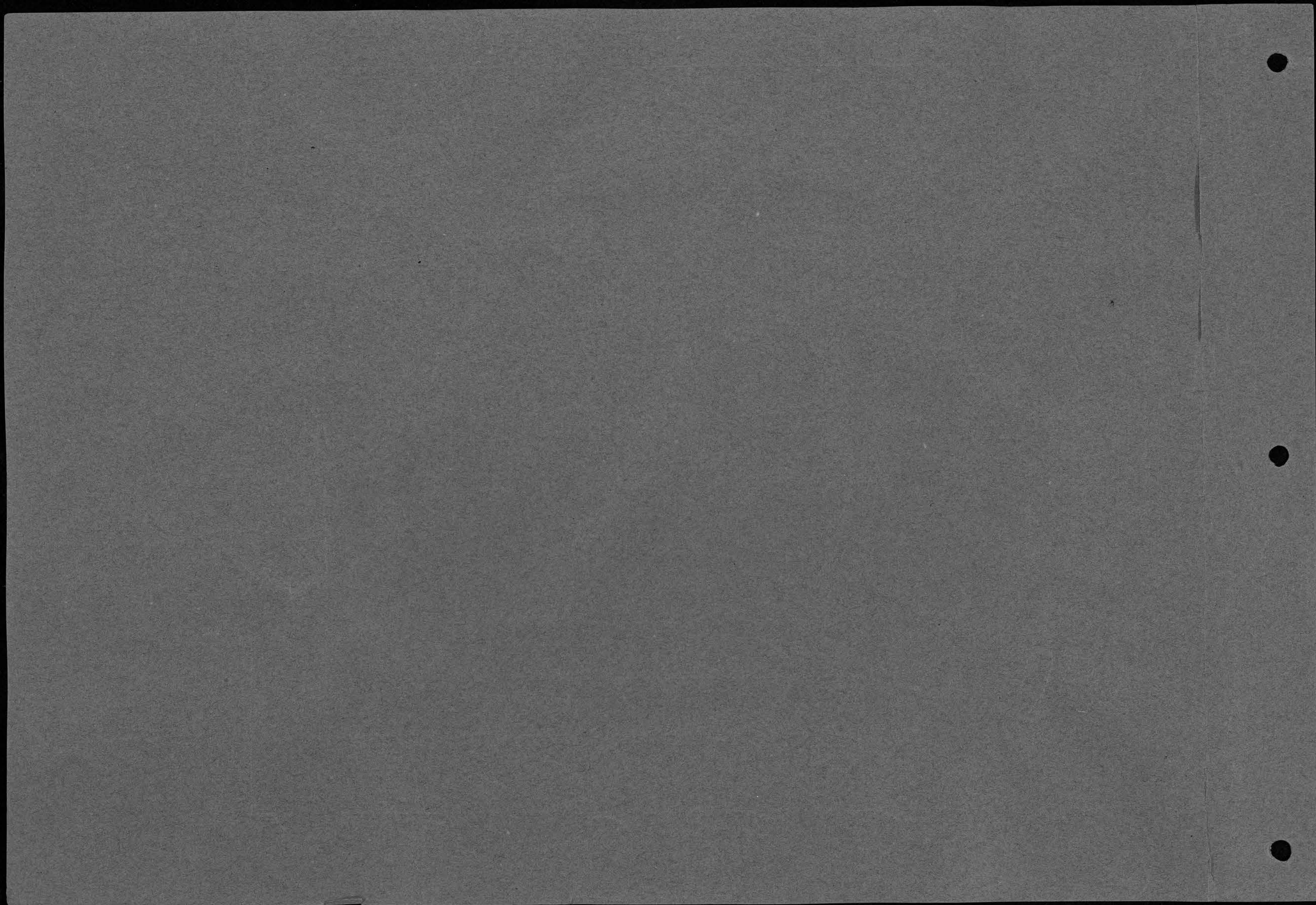
LOCATION *K.S.A.C.*

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE No.

SUBJECT:

STORAGE BATTERIES

PLACE K.S.A.C.

DATE 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. S-64

LOCATION K.S.A.C.

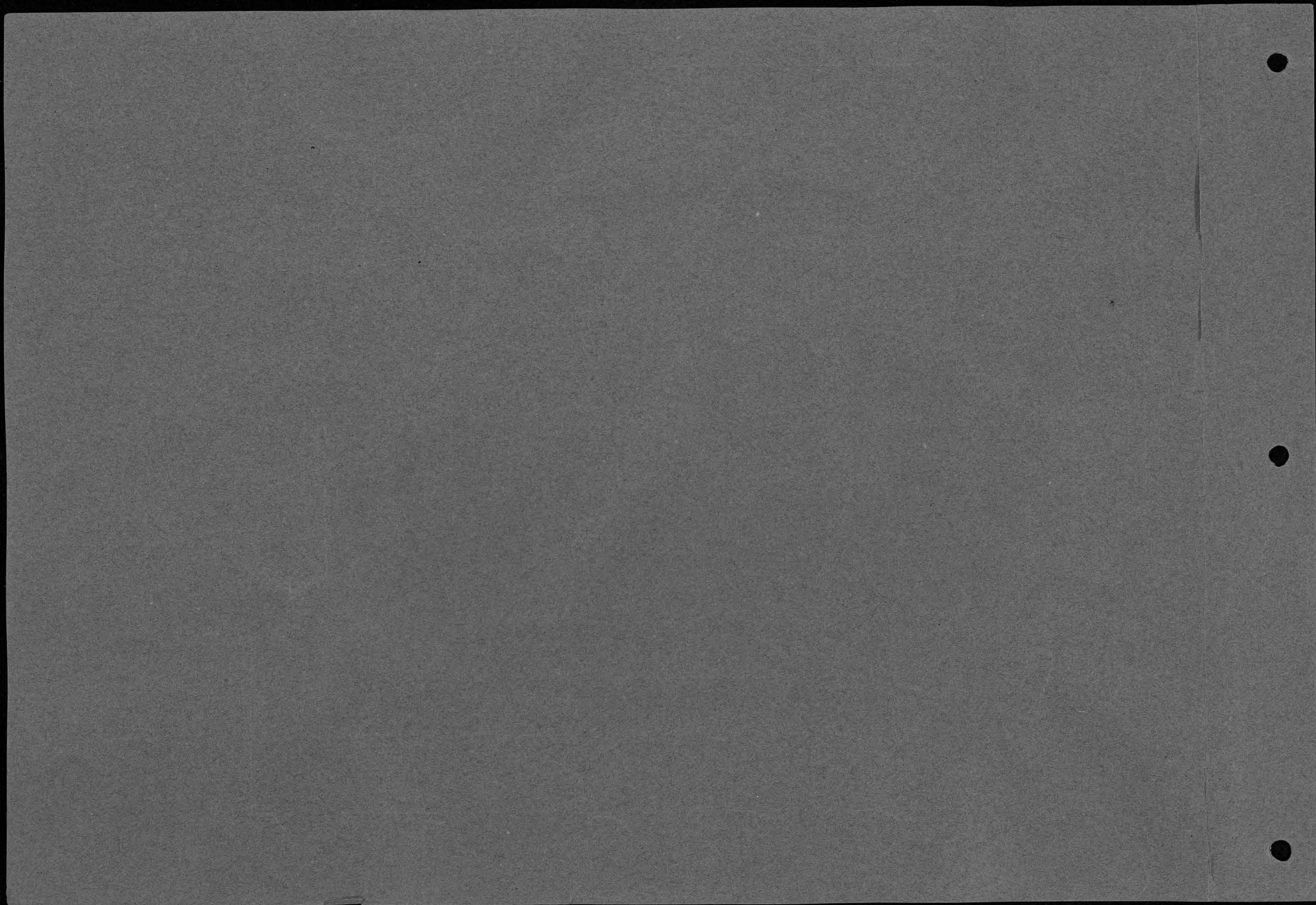
FILE

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

TEST OF GAS ENGINE

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

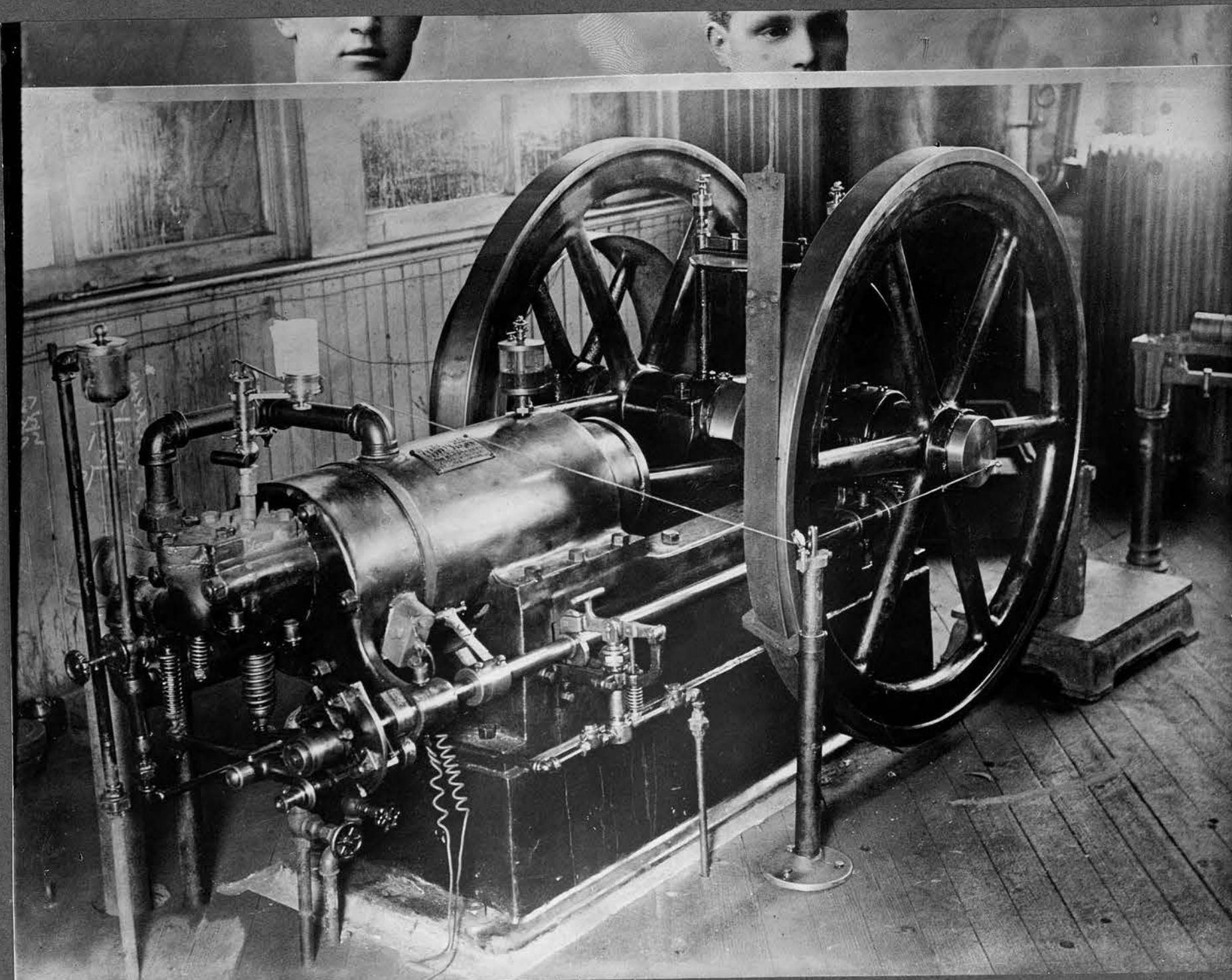
NEGATIVE No. 588

LOCATION K.S.A.C.

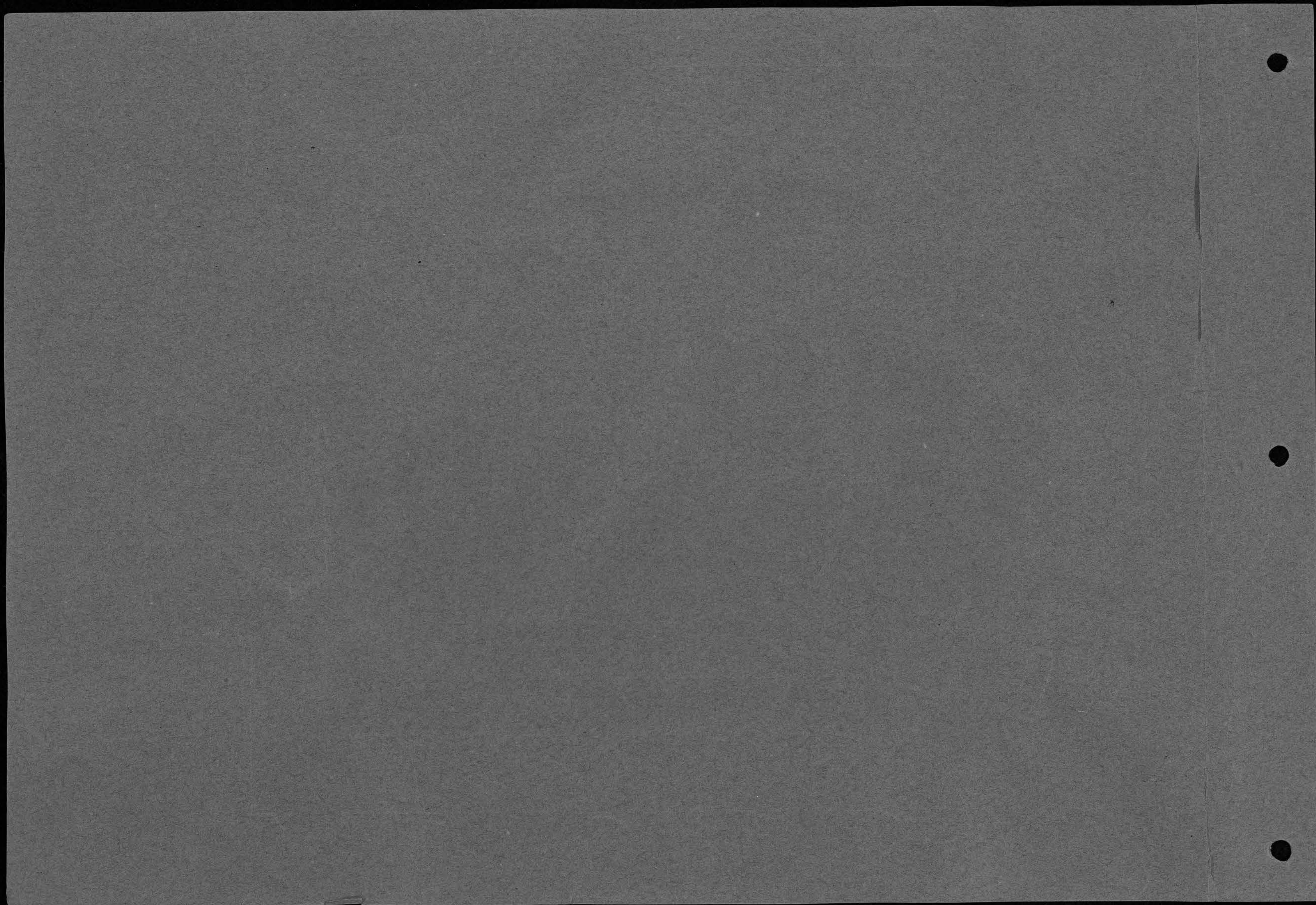
FILE

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

GAS ENGINE

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:

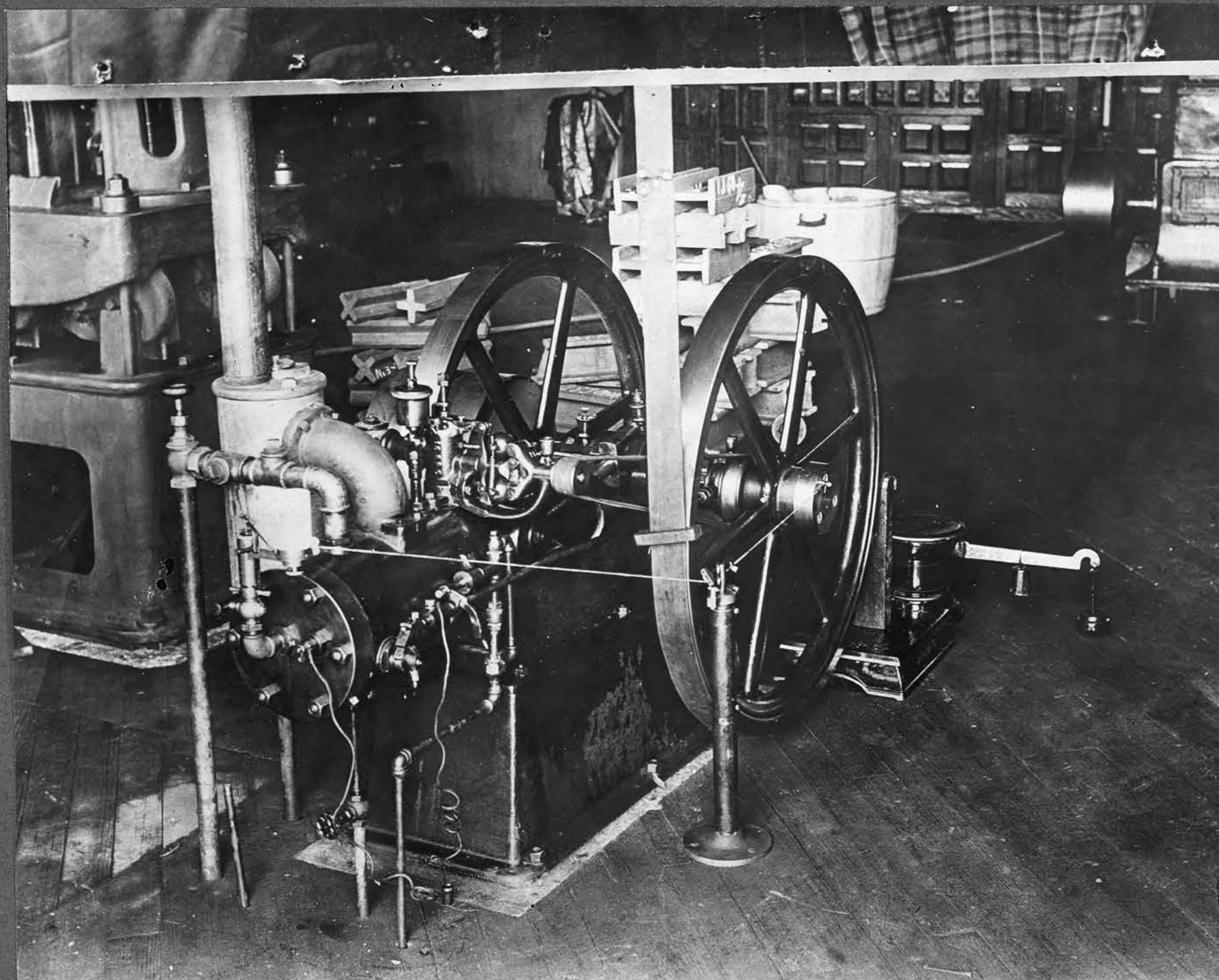
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO. 587

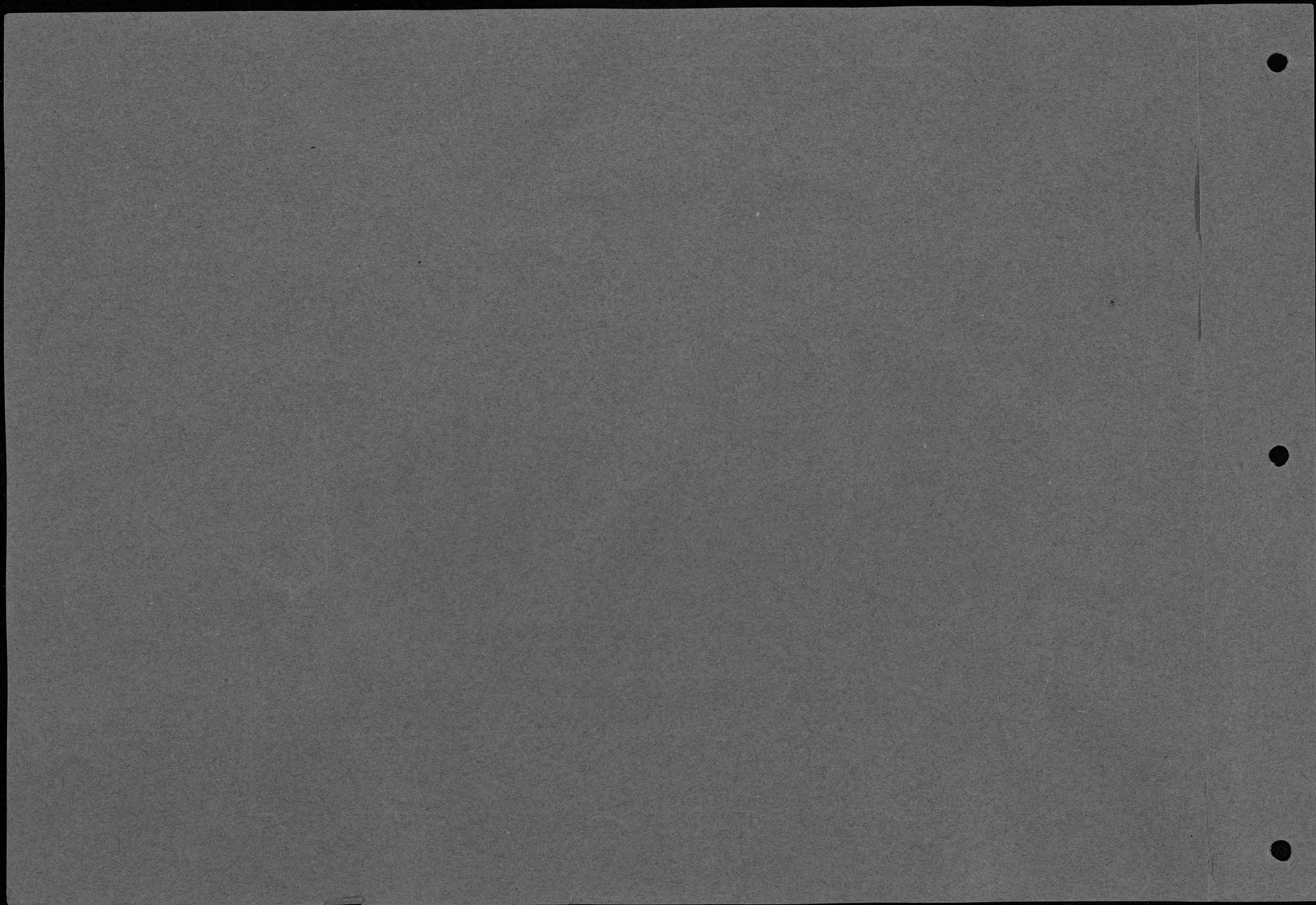
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

BELT DYNAMOMETER

PLACE *HYDRAULICS LAB*

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:

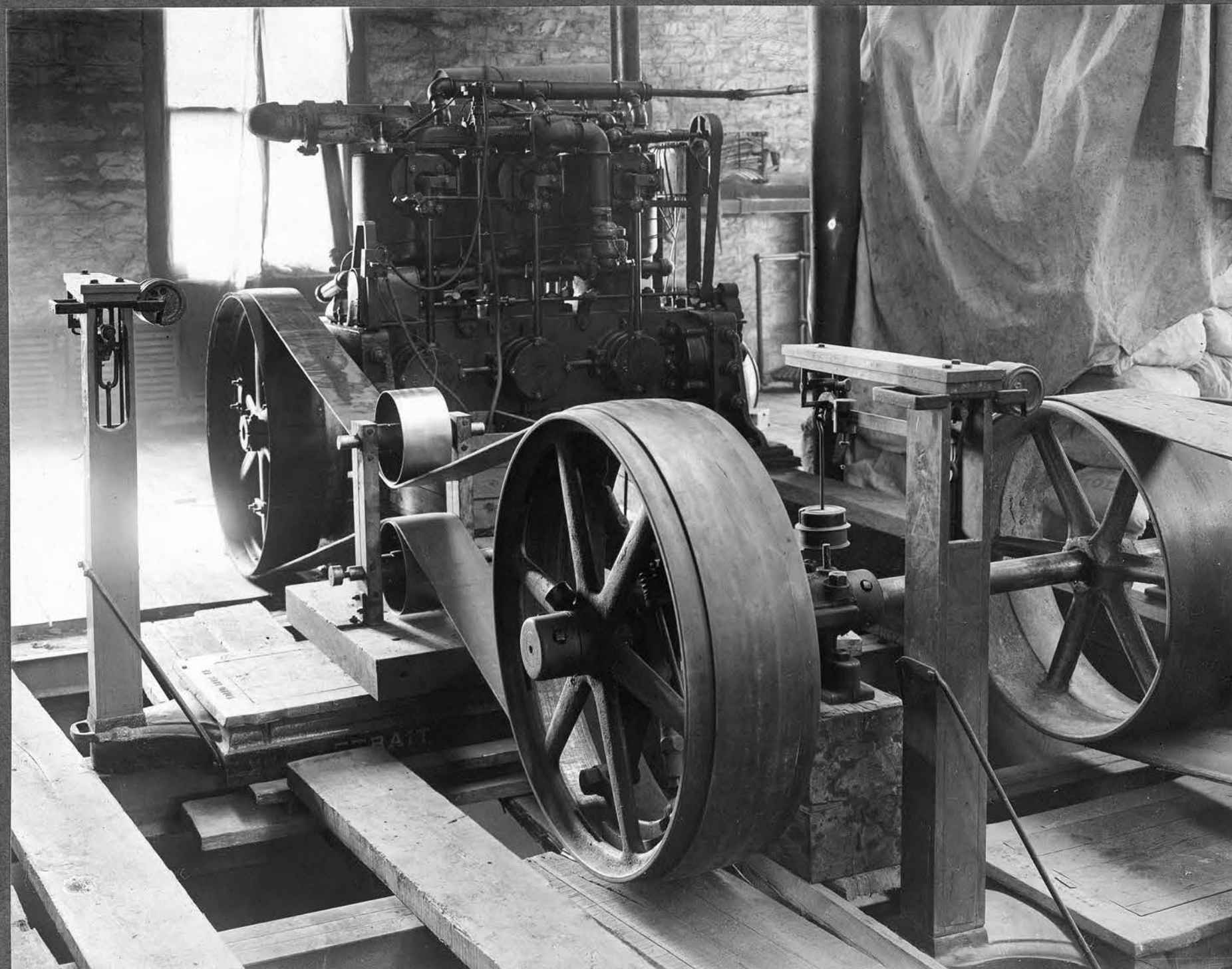
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. *591*

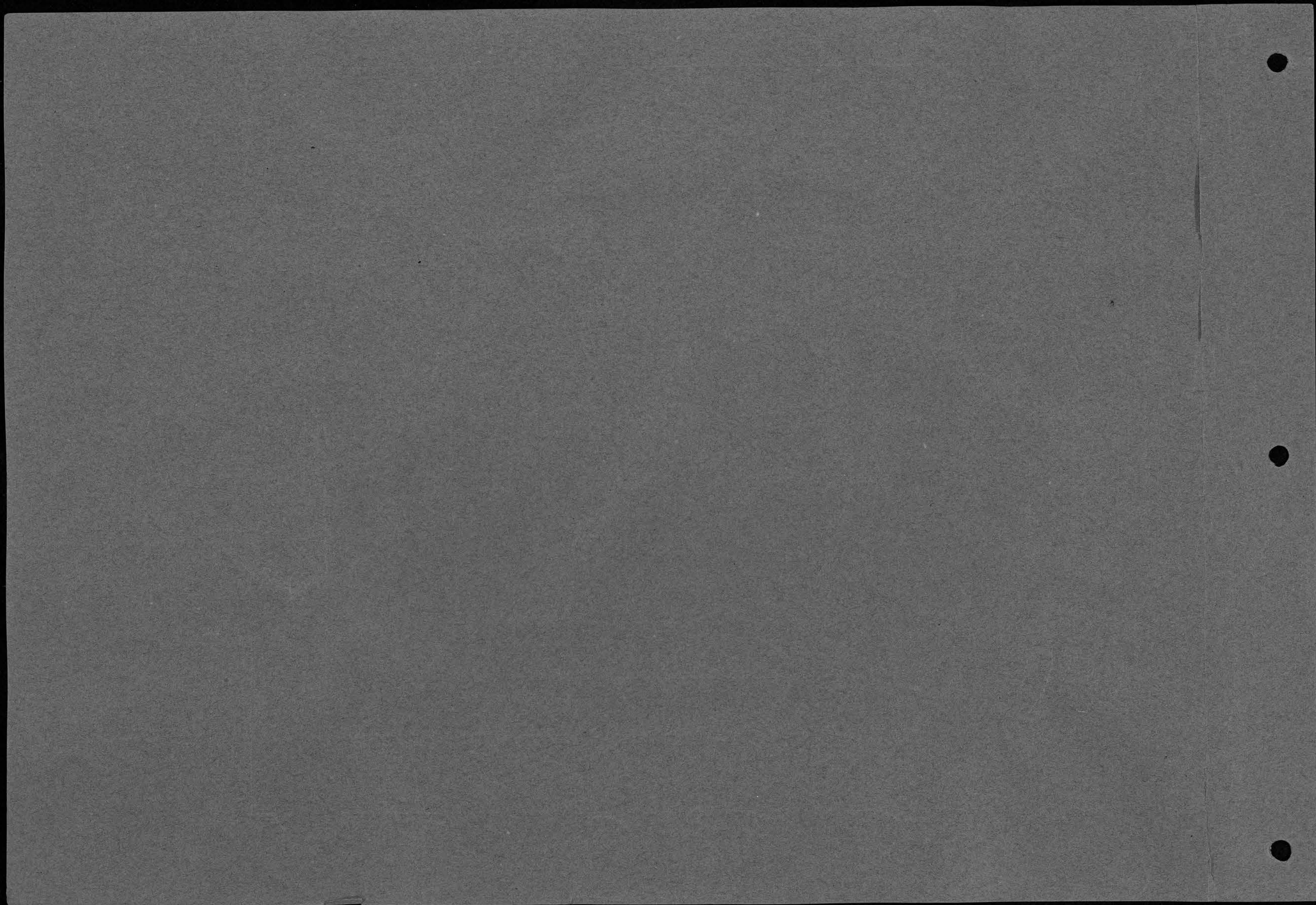
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

*DE LAVAL STEAM TURBINE,
AVERY TRACTOR, &c.*

PLACE *ST. ENG. LAB. KSAC*

DATE *AUG. 11, 1911* A.M.
5:45 P.M.

PLATE *30X SEED* RAY FILTER
BACKED

ACTINOMETER TIME *4* M. *16* S.

LENGTH EXPOSURE M. *24* S.

STOP { F. *11.6*
U. S. *8*

LENS { DOUBLE *#4* FOCUS *8 1/8"*
(GOERZ "PANTAR") BACK FOCUS

CONDITIONS:

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

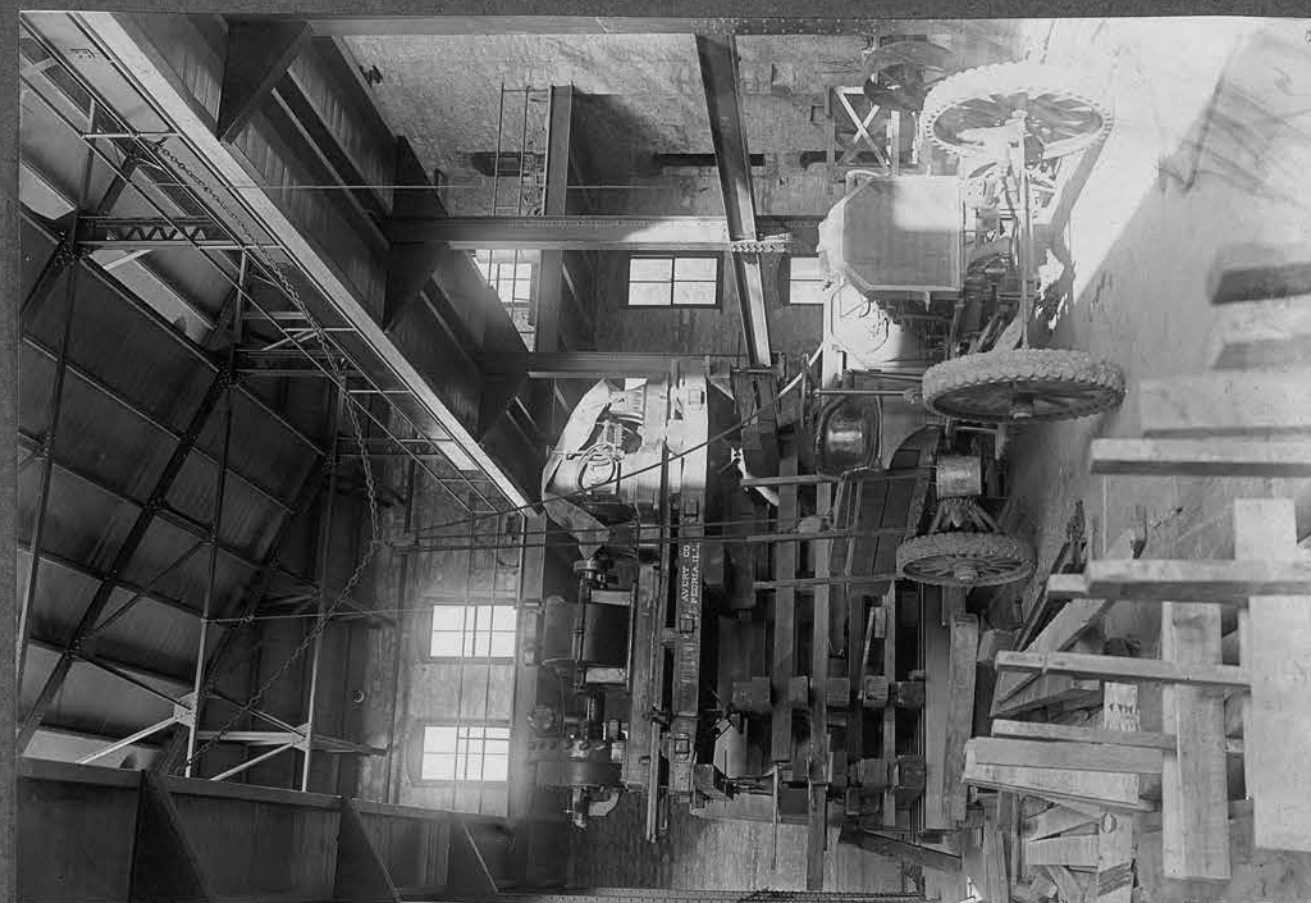
NEGATIVE NO. *U-44*

LOCATION *KSAC*

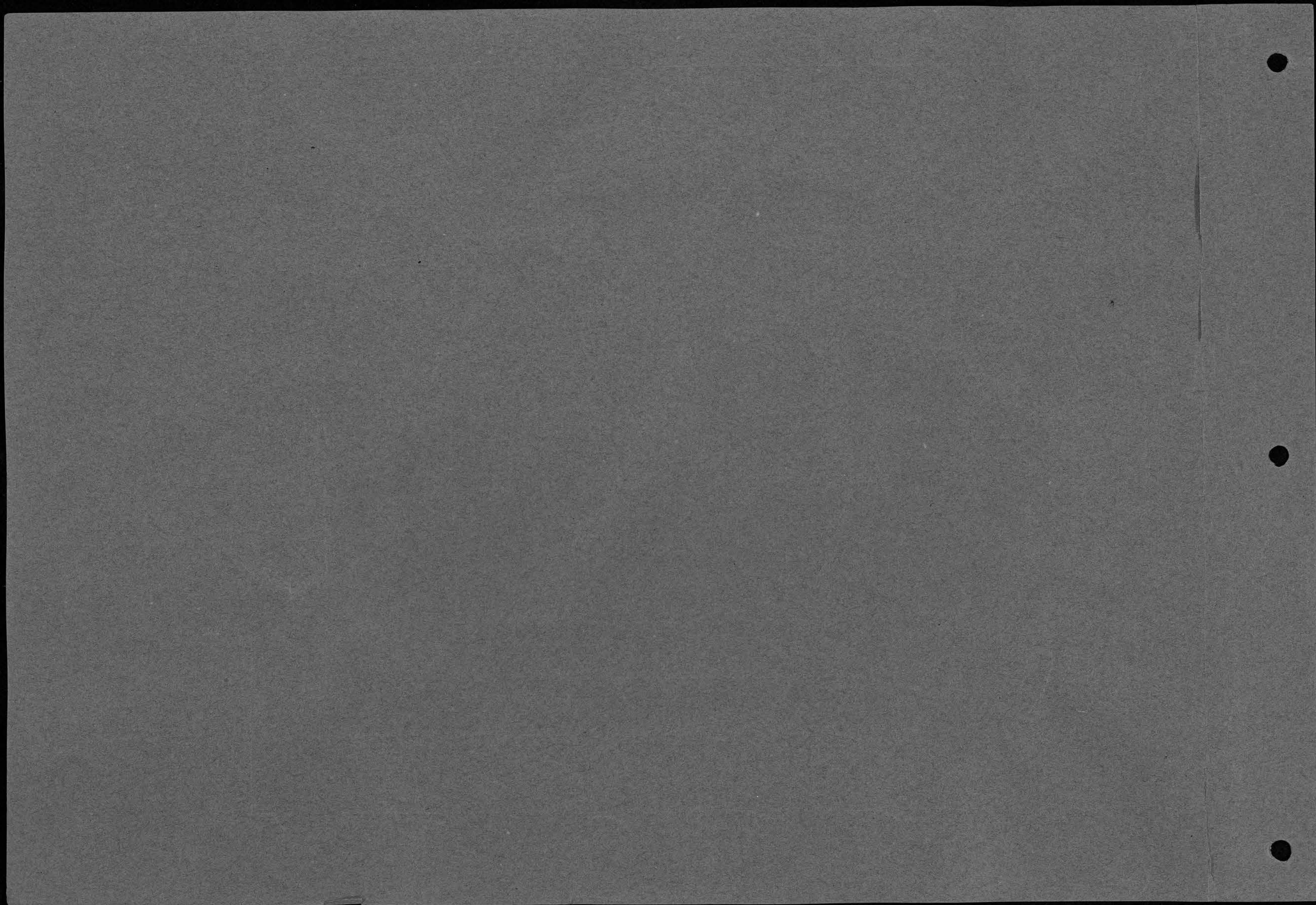
FILE.....

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

*DE LAVAL STEAM TURBINE
BLOCKED UP PREPARATORY
TO SHIFTING TO FOUNDATION*

PLACE *ST. ENG. LAB. K.S.A.C.*

DATE *AUG. 11, 1911* } A.M.
5:45 P.M.

PLATE *SEED 30X* } RAY FILTER
BACKED

ACTINOMETER TIME *4* M. *16* S.

LENGTH EXPOSURE M. *24* S.

STOP { F. *11.6*
U. S. *8*

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

CONDITIONS:

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

NEGATIVE NO. *U-41*

LOCATION *K.S.A.C.*

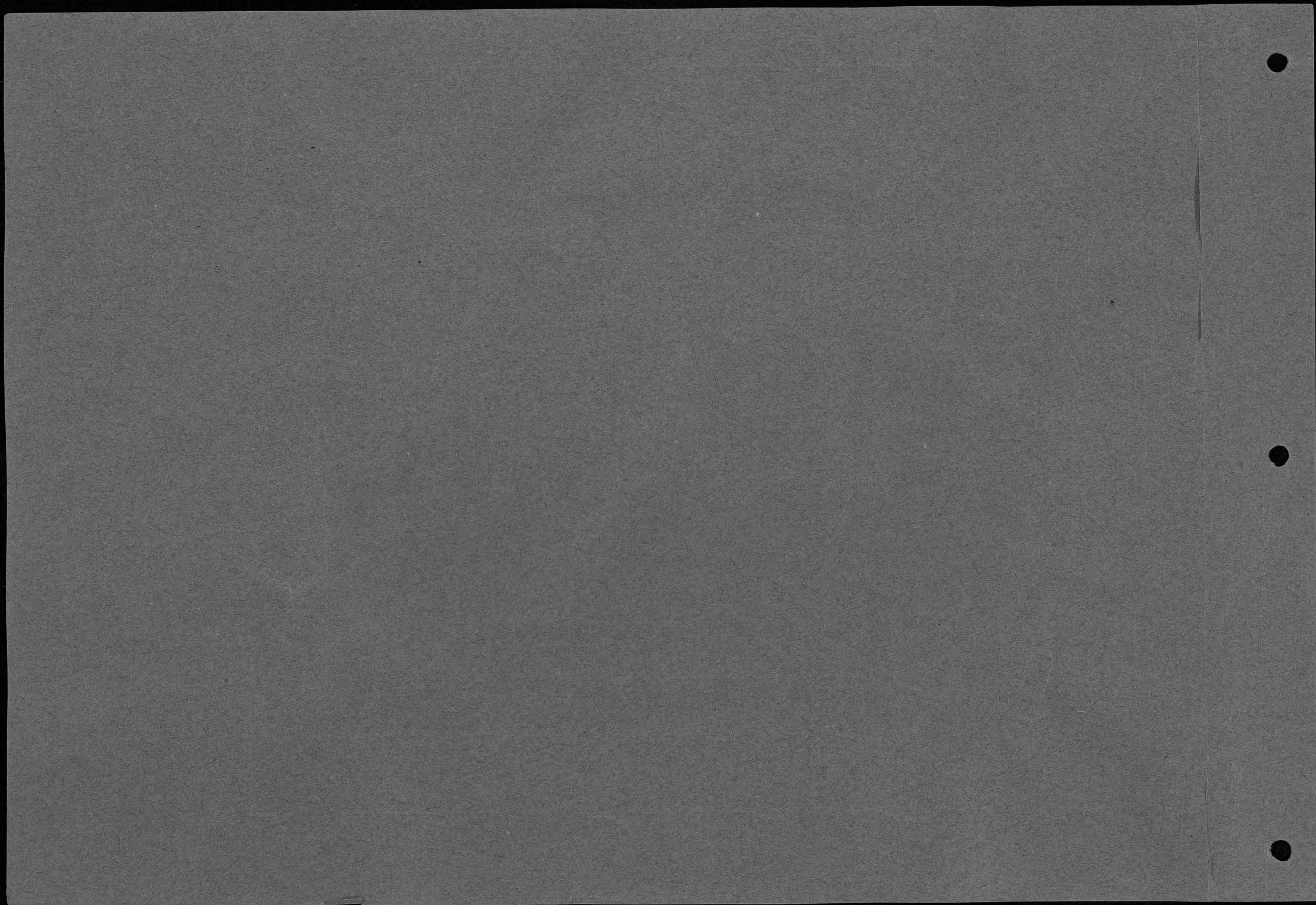
FILE

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

SWITCH BOARD IN
POWER PLANT

PLACE K.S.A.C.

DATE Nov. 15, 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

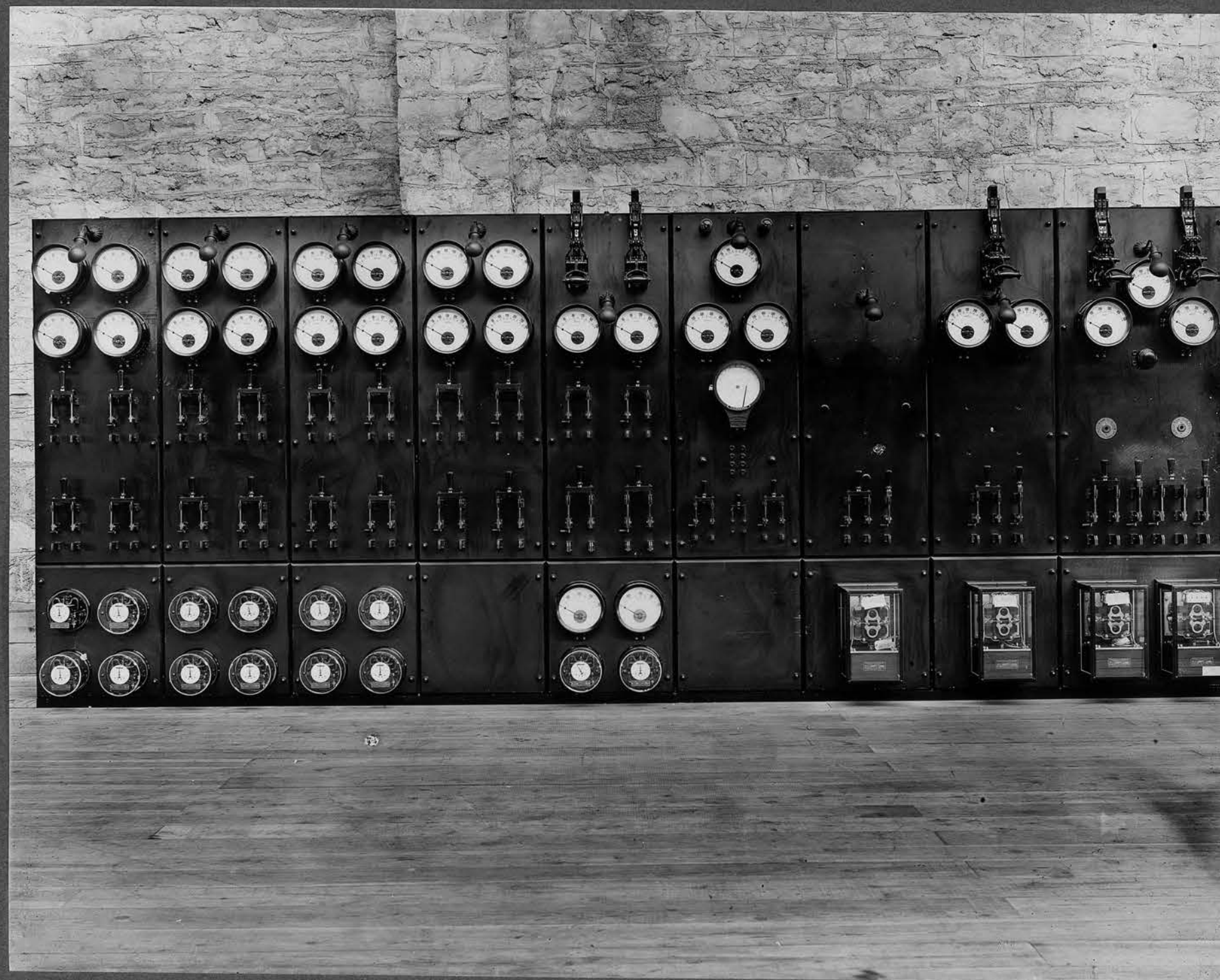
NEGATIVE NO. S-75

LOCATION K.S.A.C.

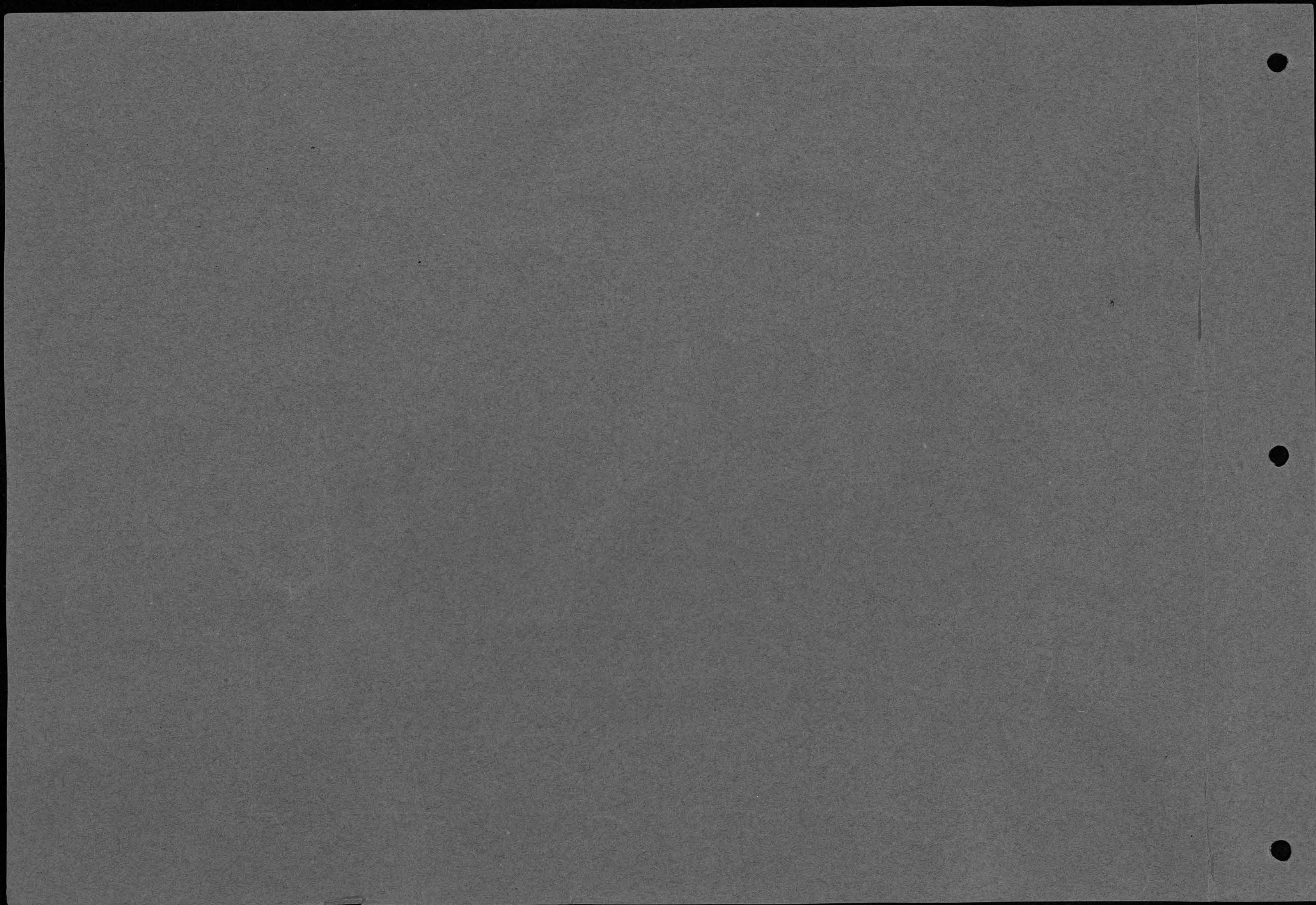
FILE

PHOTOGRAPHER

K.A.S.



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

SWITCH BOARD IN ENGINE
ROOM - DEPT. OF POWER &
EXP. ENGR.

PLACE MECH. ENG. LAB.

DATE NOV. 18, 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

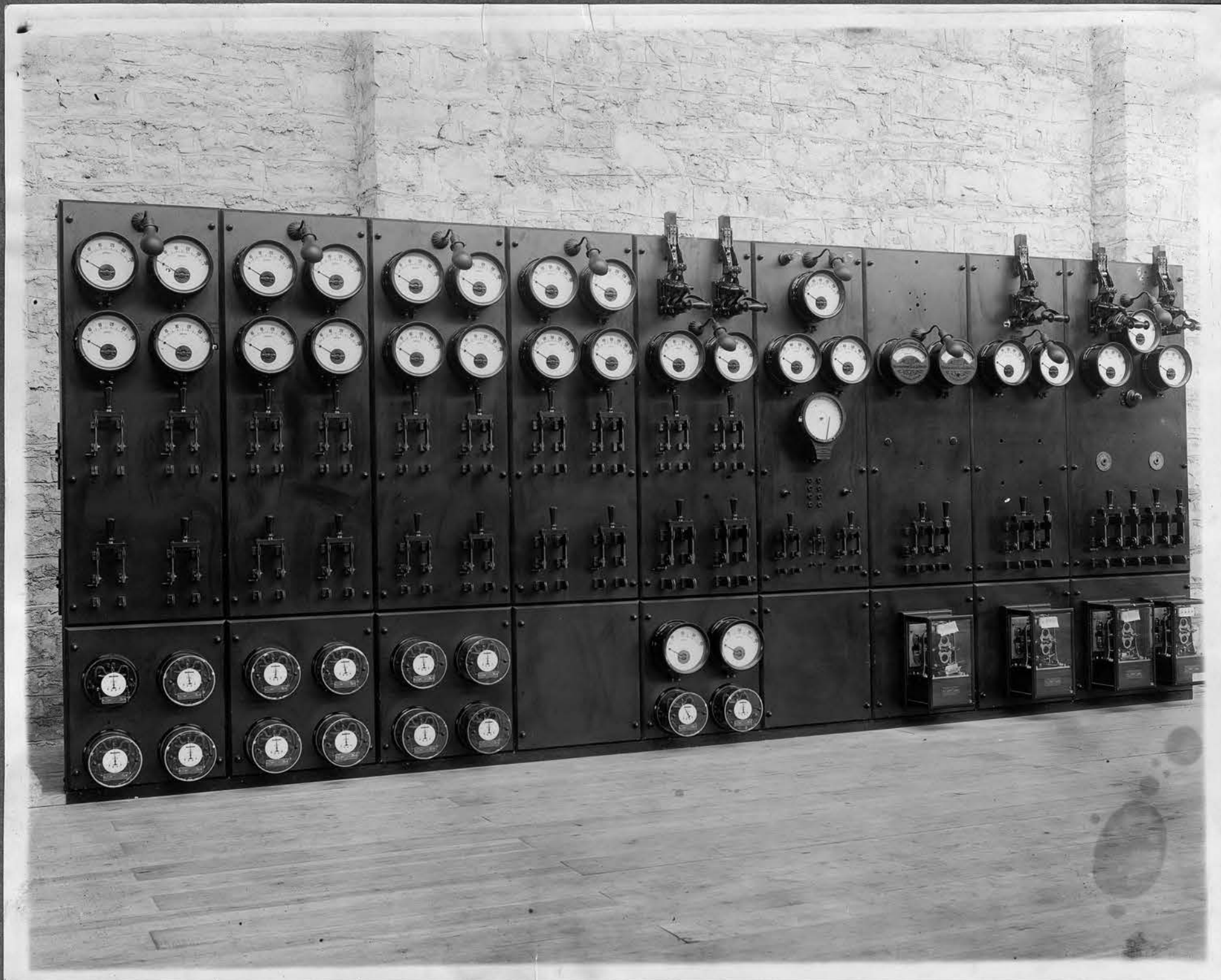
NEGATIVE NO. 5-74

LOCATION

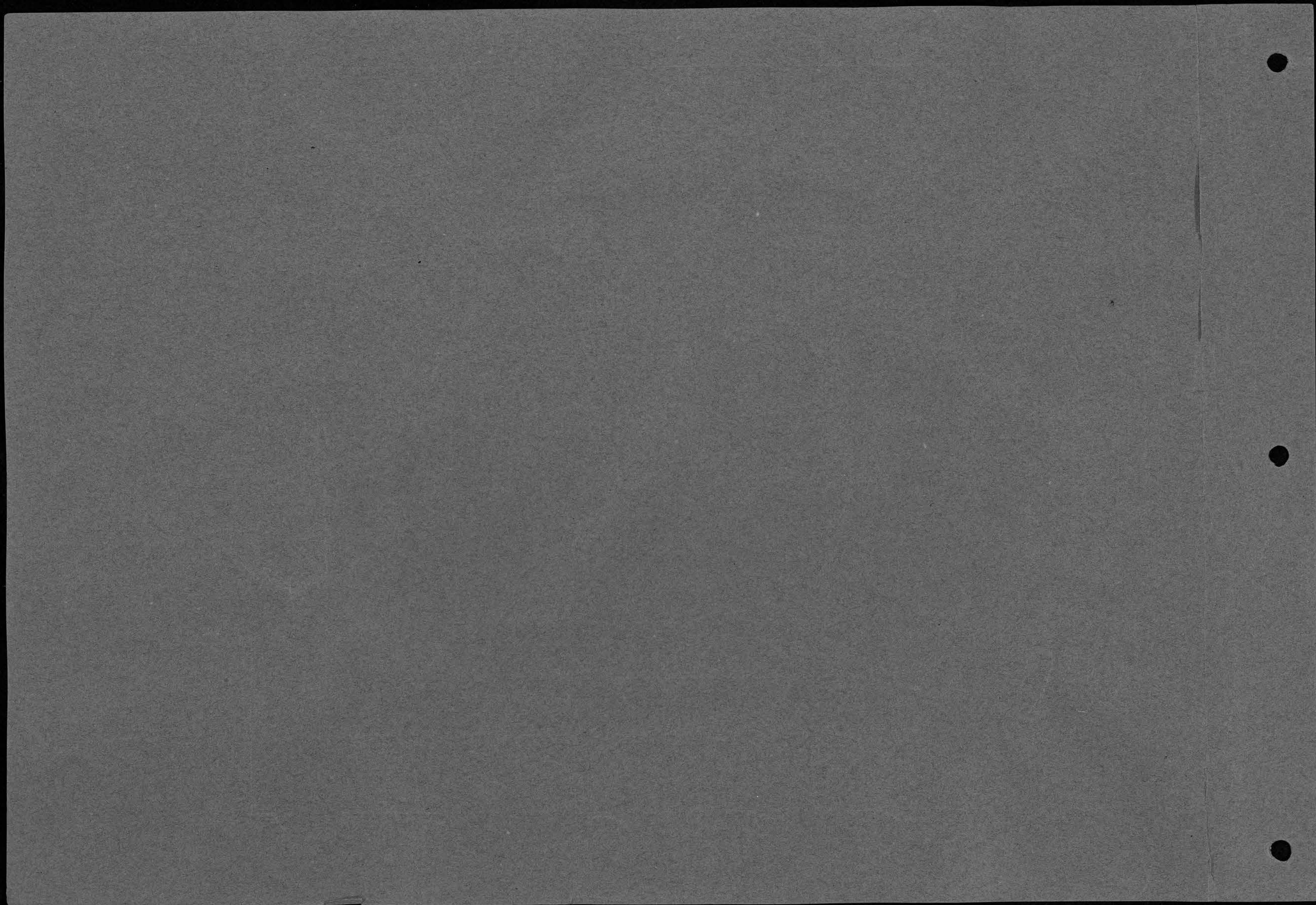
FILE

PHOTOGRAPHER

DR. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

ENGINE ROOM

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. 5-60

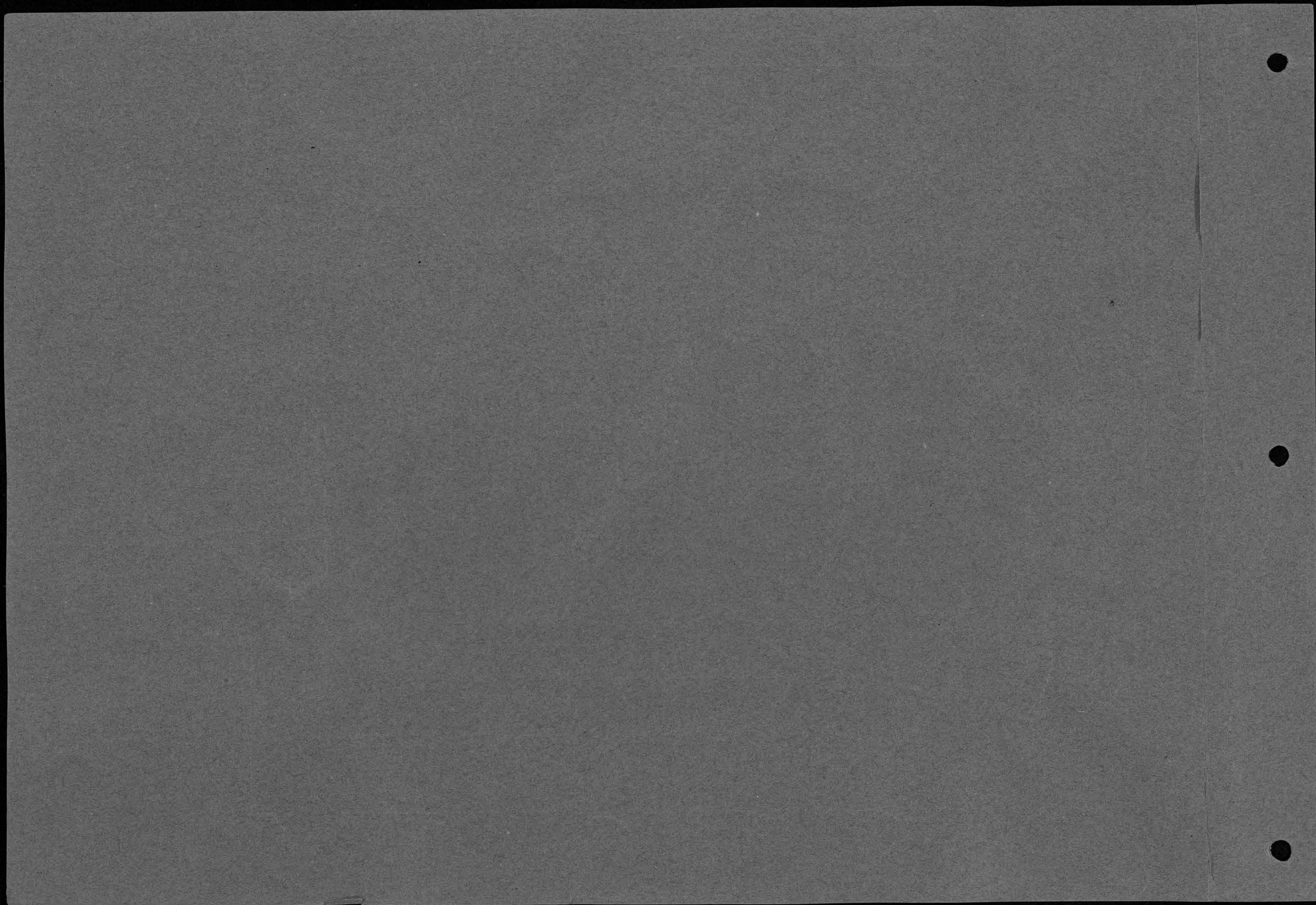
LOCATION _____

FILE _____

PHOTOGRAPHER _____



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

OLD EXPERIMENTAL

LAB.

PLACE K.S.A.C.

DATE 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:

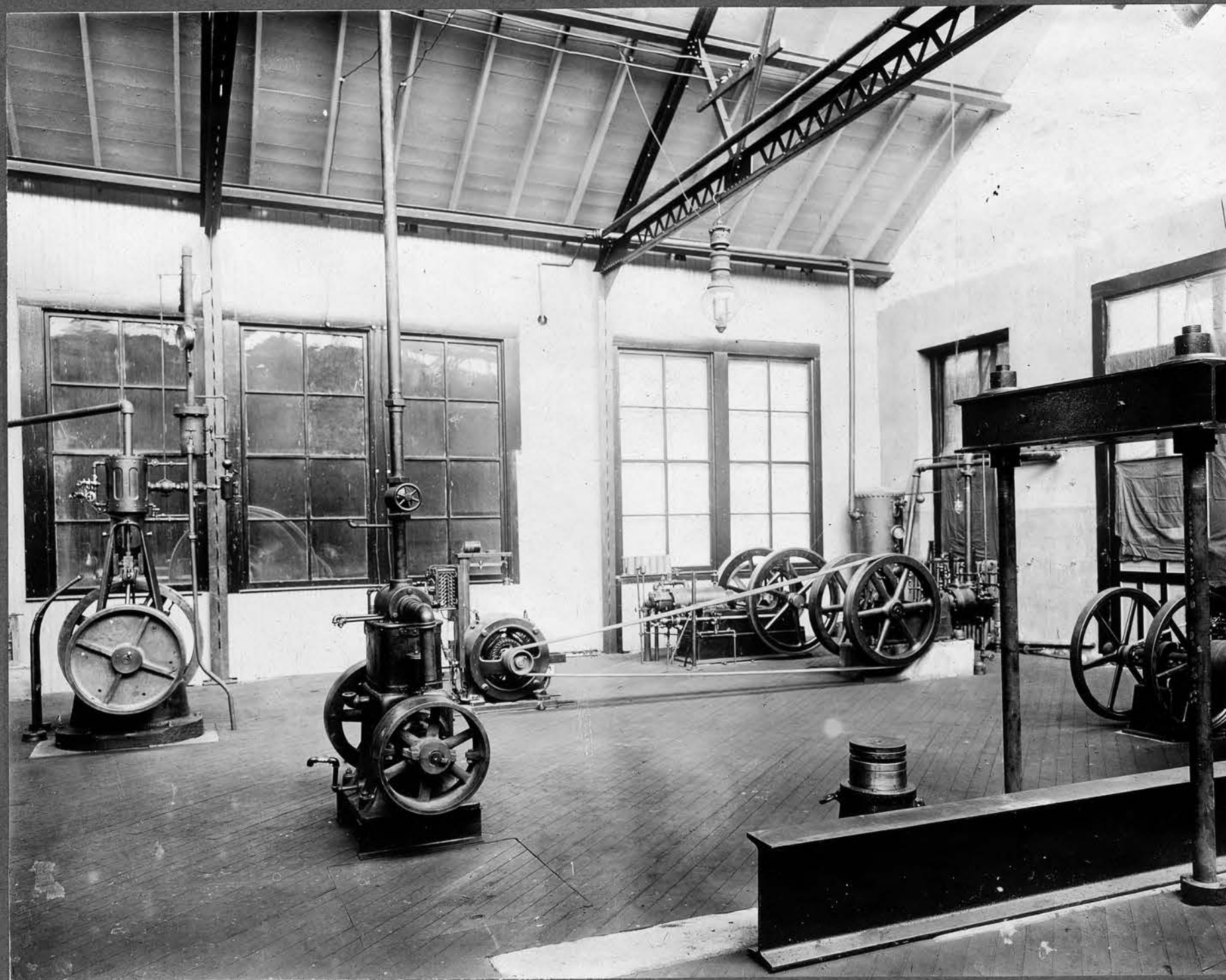
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. 1578

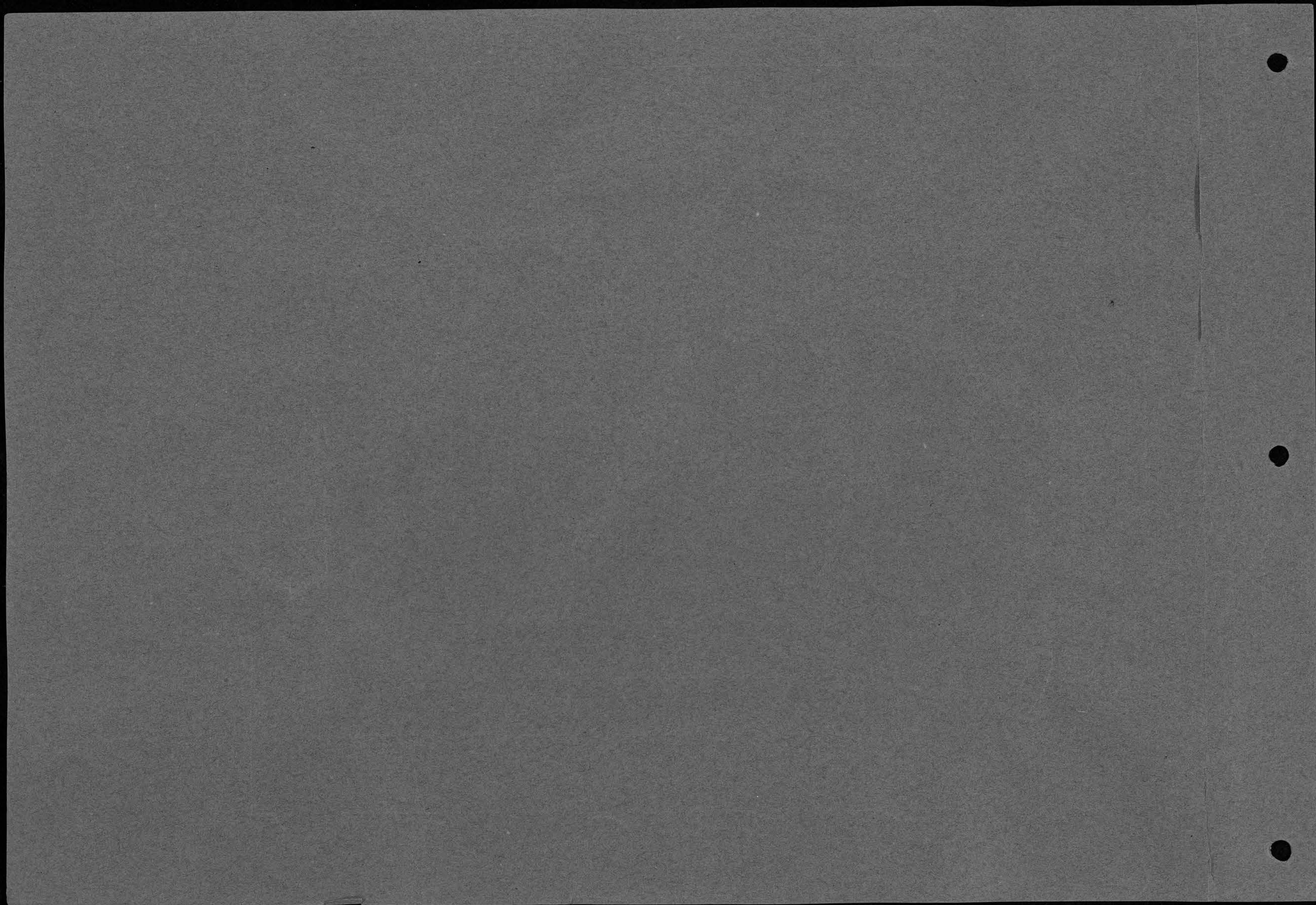
LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

ENGINE ROOM

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. 53

LOCATION K.S.A.C.

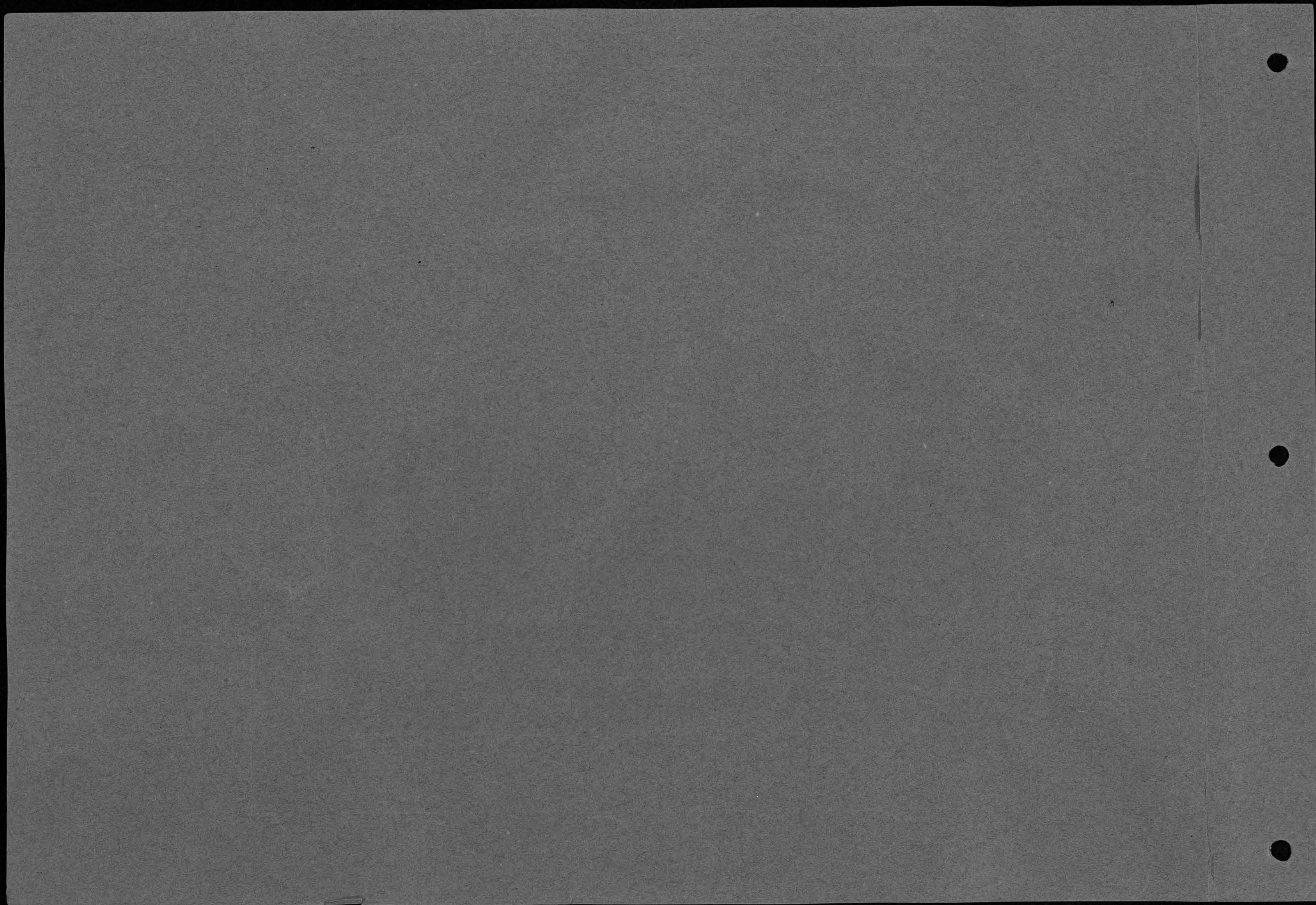
FILE

PHOTOGRAPHER

Harold M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

DE LAVAL STEAM TURBINE
AND GENERATORS

PLACE *OLD EXPERIMENTAL LAB*

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:

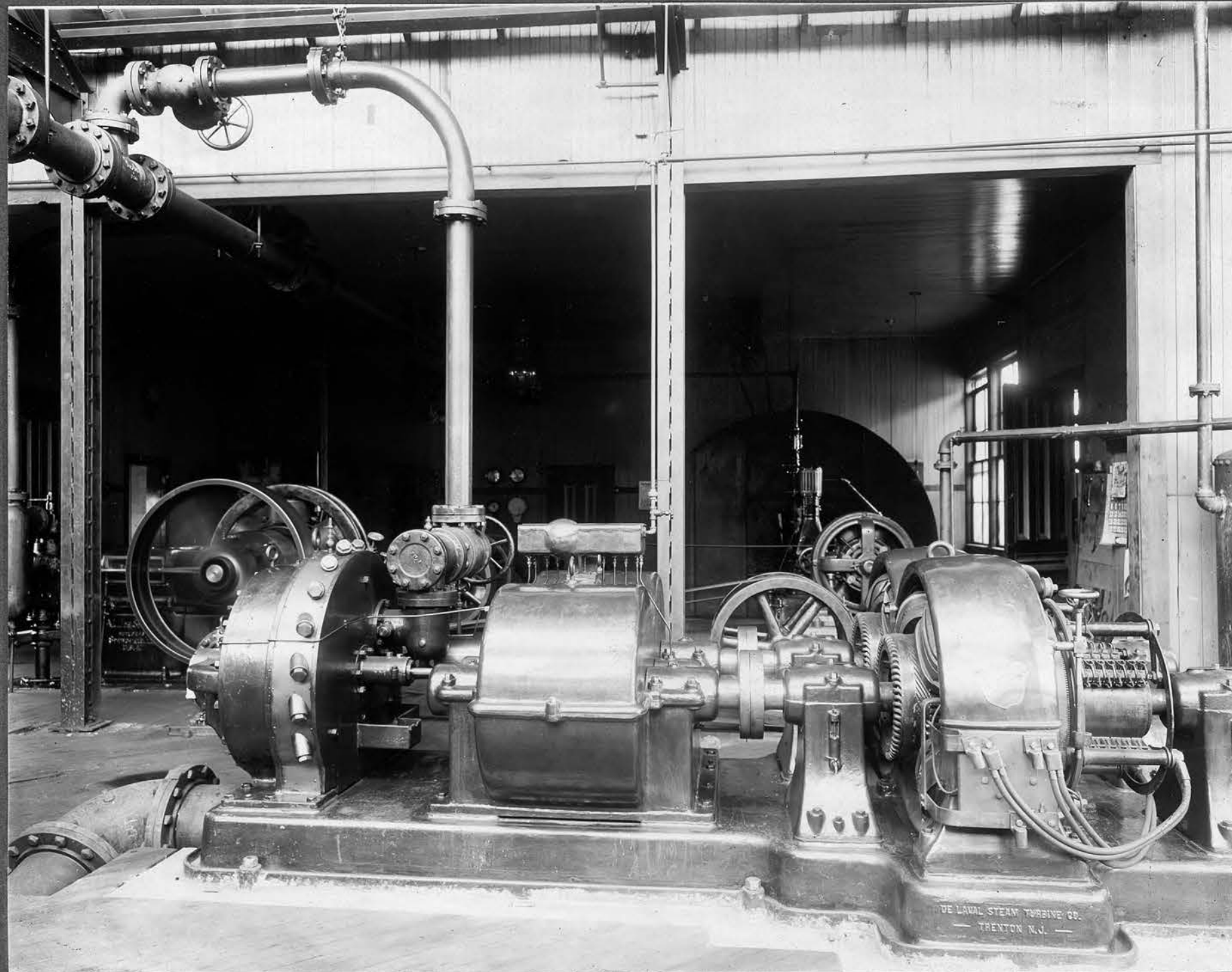
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. *577*

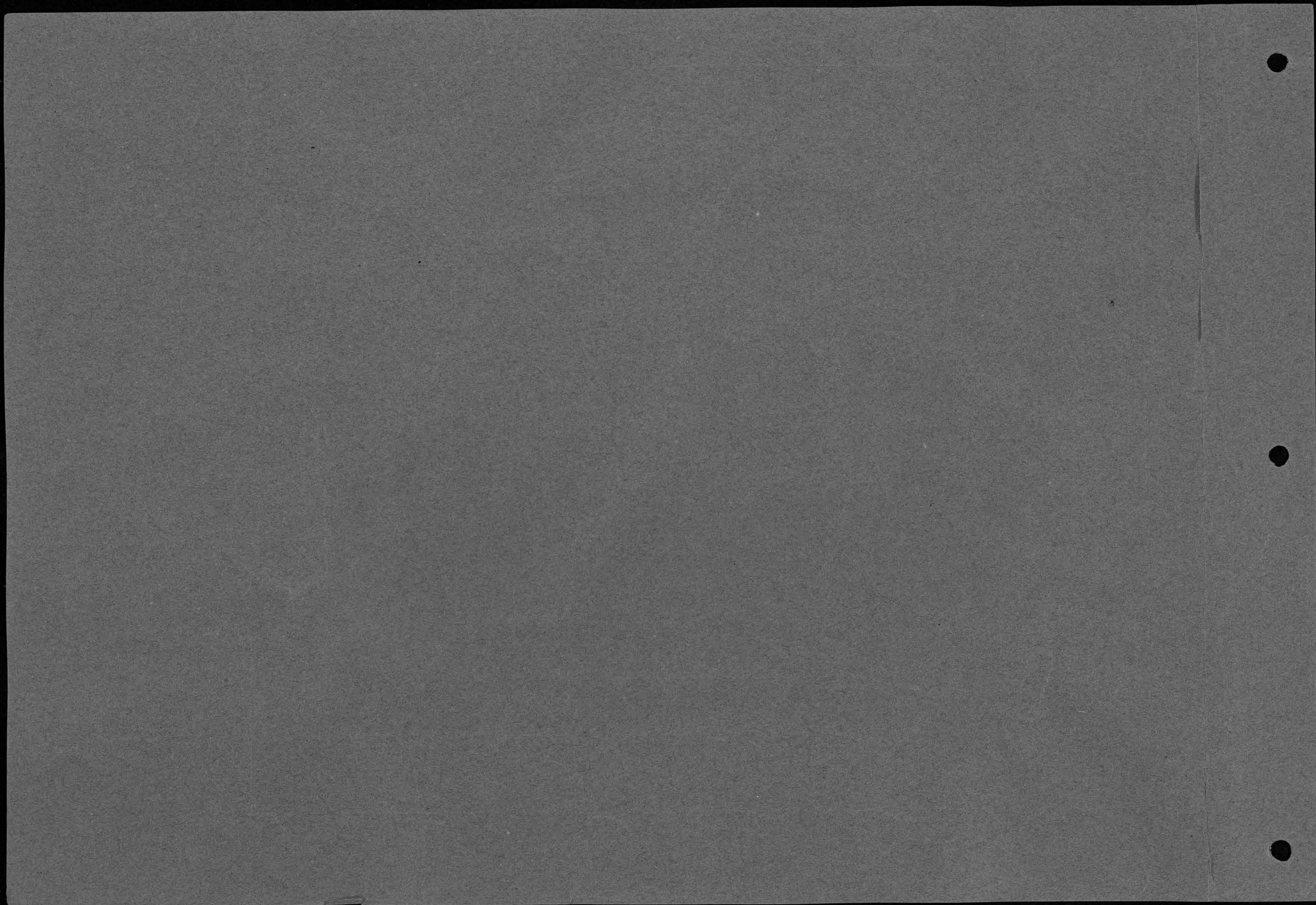
LOCATION *K.S.A.C.*

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

ENGINE ROOM.
(OLD)

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:

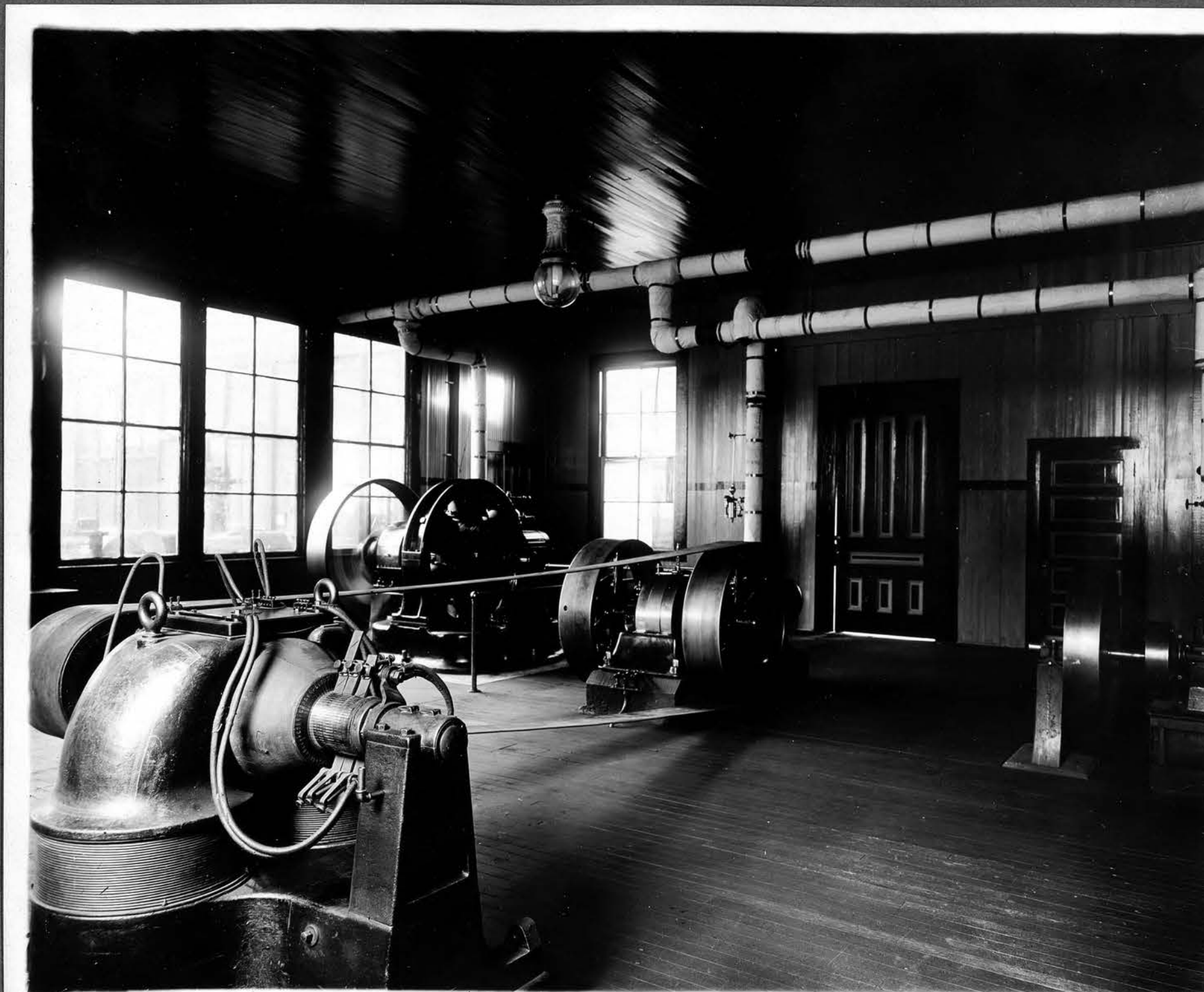
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. 5-34

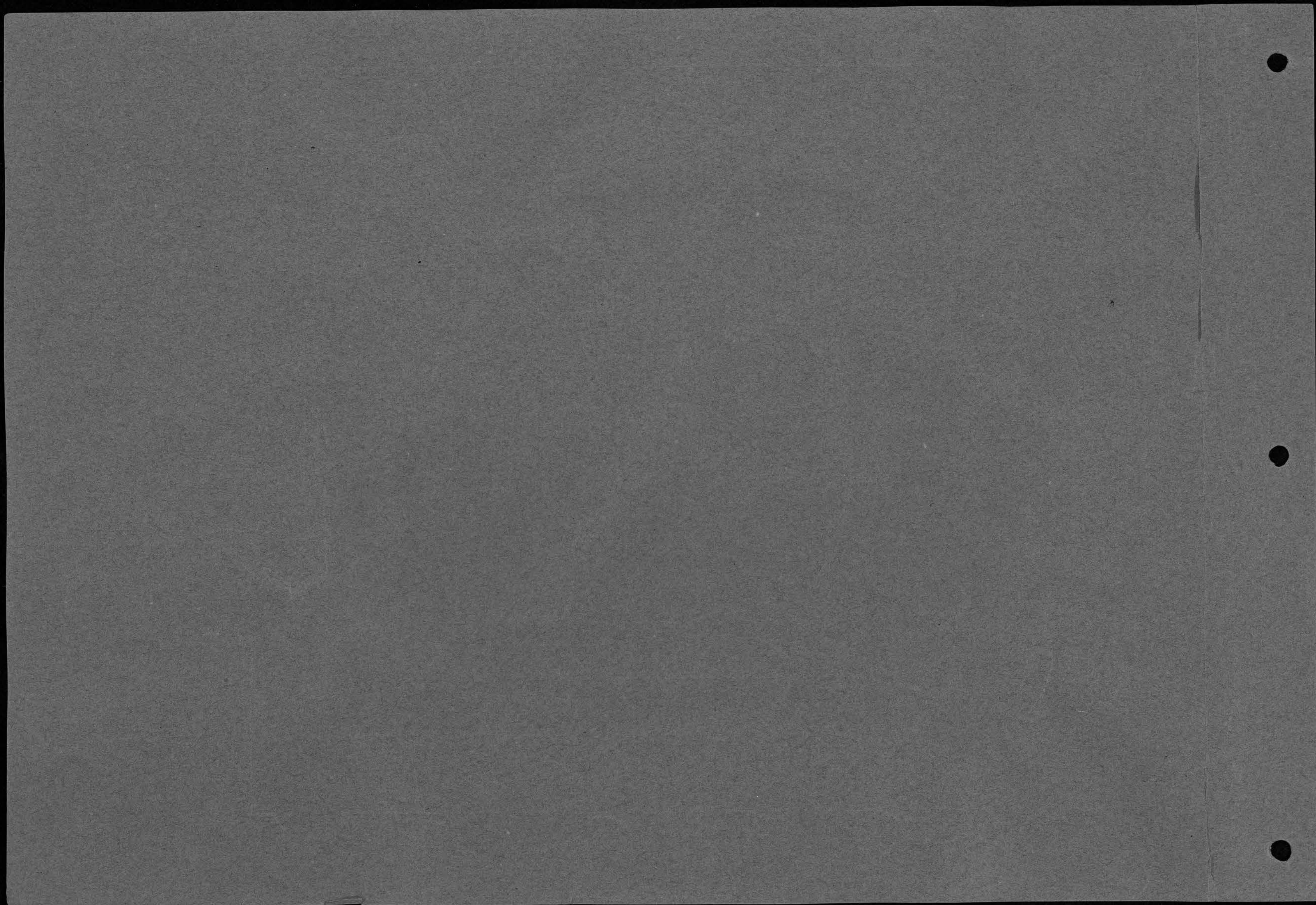
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

RETORT & DEAD PLATE
OF JONES' STOMER
DAMAGED BY HOT CLINKER

PLACE E-17

DATE 12/8/10 { A.M.
3:30 P.M.

PLATE SEED 27X { RAY FILTER
(BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE 8 M. _____ S.

STOP { F. 11.5
U. S. 8

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

CONDITIONS:

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

NEGATIVE NO. U-58

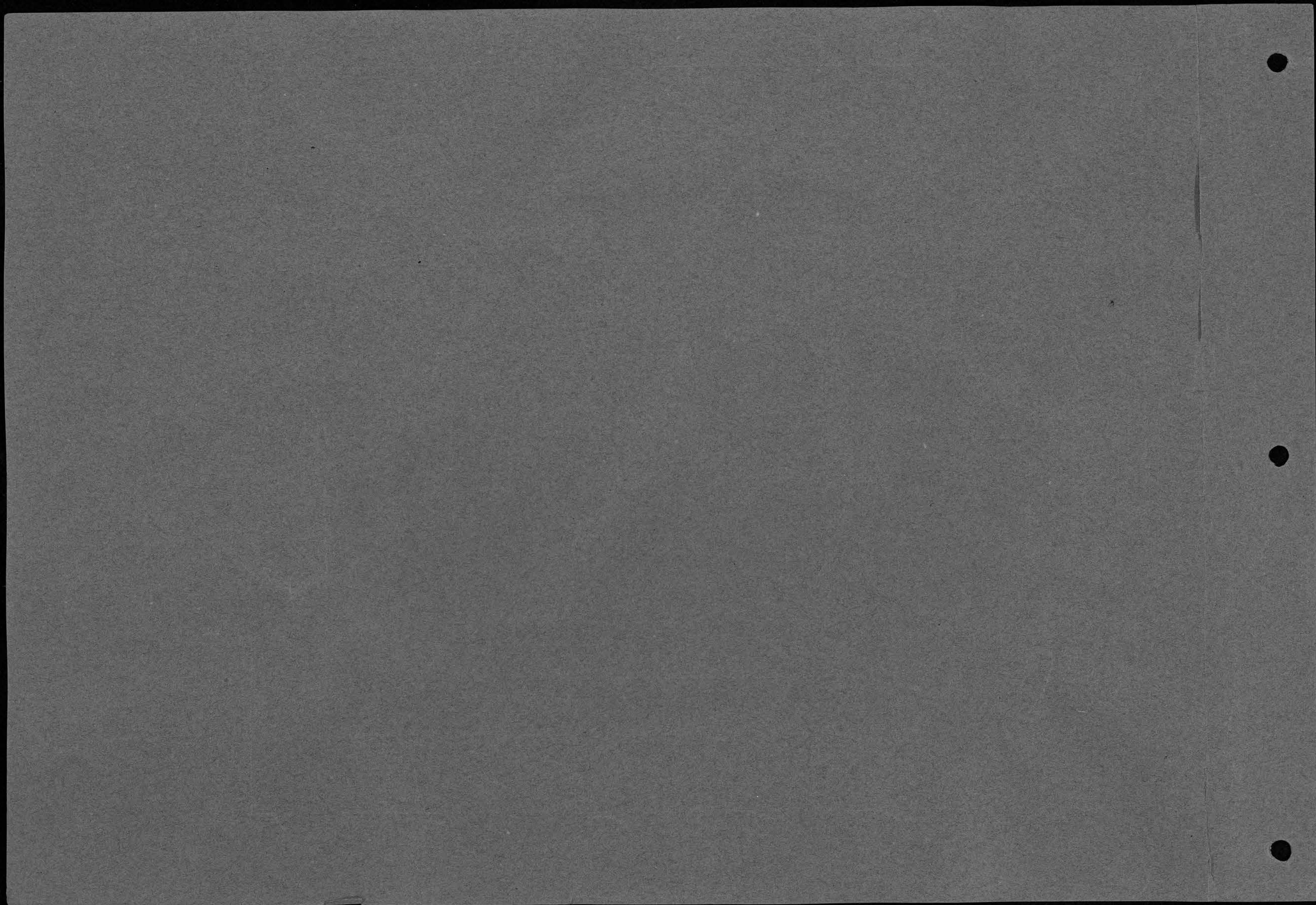
LOCATION K.S.A.C.

FILE _____

PHOTOGRAPHER

Howard S. Chandler





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

SUBJECT:

GRATE BARS INJURED
BY CLINKER-K.S.A.C.
FURNACES-
CLINKER FROM FURNACES

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

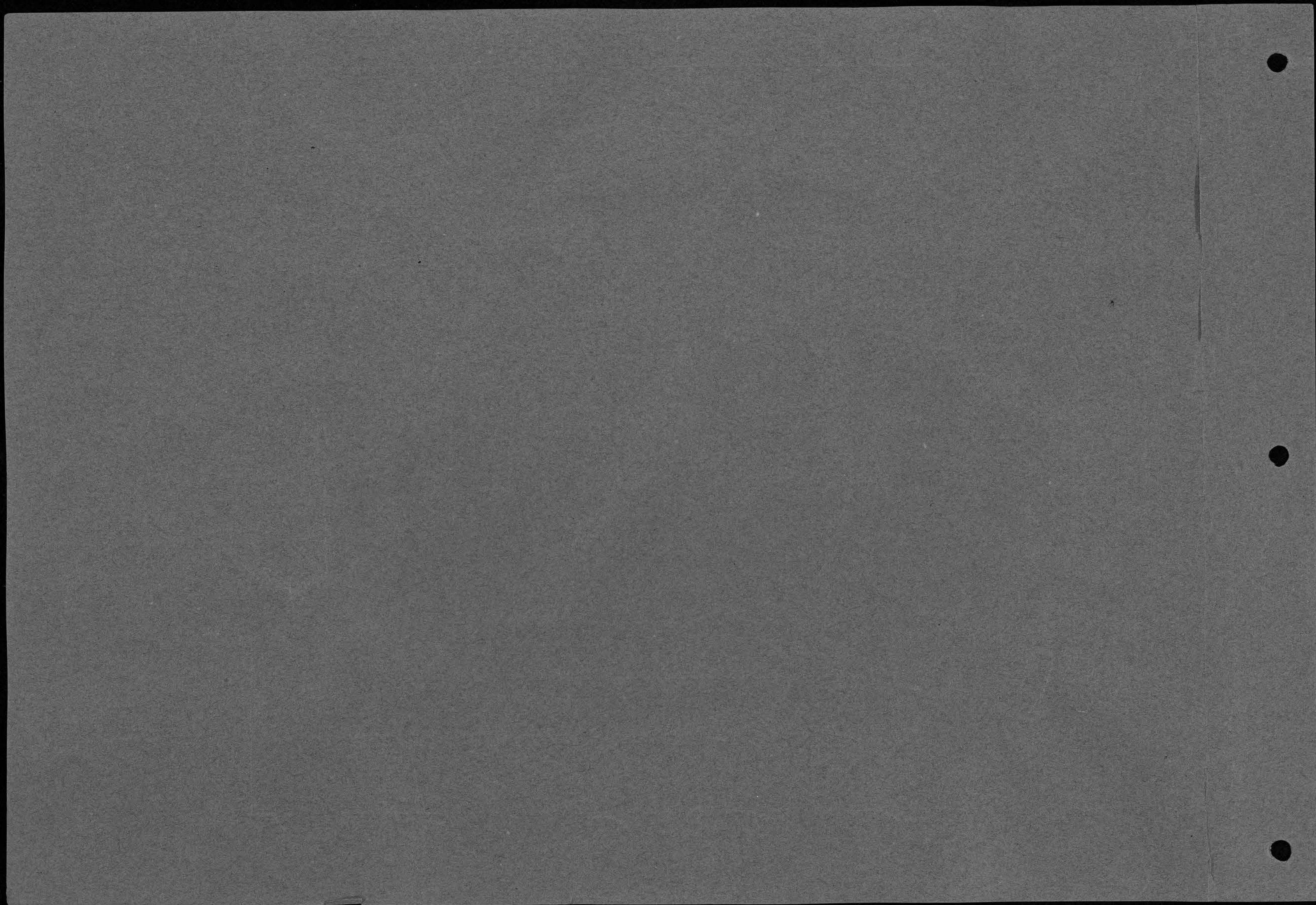
NEGATIVE No. V-26-27-22-23

LOCATION K.S.A.C.

FILE.....

PHOTOGRAPHER.....





FILE _____ No. _____

SUBJECT:

TANKS AND PUMPS DURING
BOILER TRIAL; SENIOR
M. E. STUDENTS CLASS OF
1911

PLACE H. P. BOILER ROOM E 17

DATE 7/22/11 } A.M.
2:45 P.M.

PLATE SEED 30X } RAY FILTER
BACKED

ACTINOMETER TIME 4 M. - S.

LENGTH EXPOSURE M. 15 S.

STOP { F.
U. S. 32

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-54

LOCATION K. S. A. C.

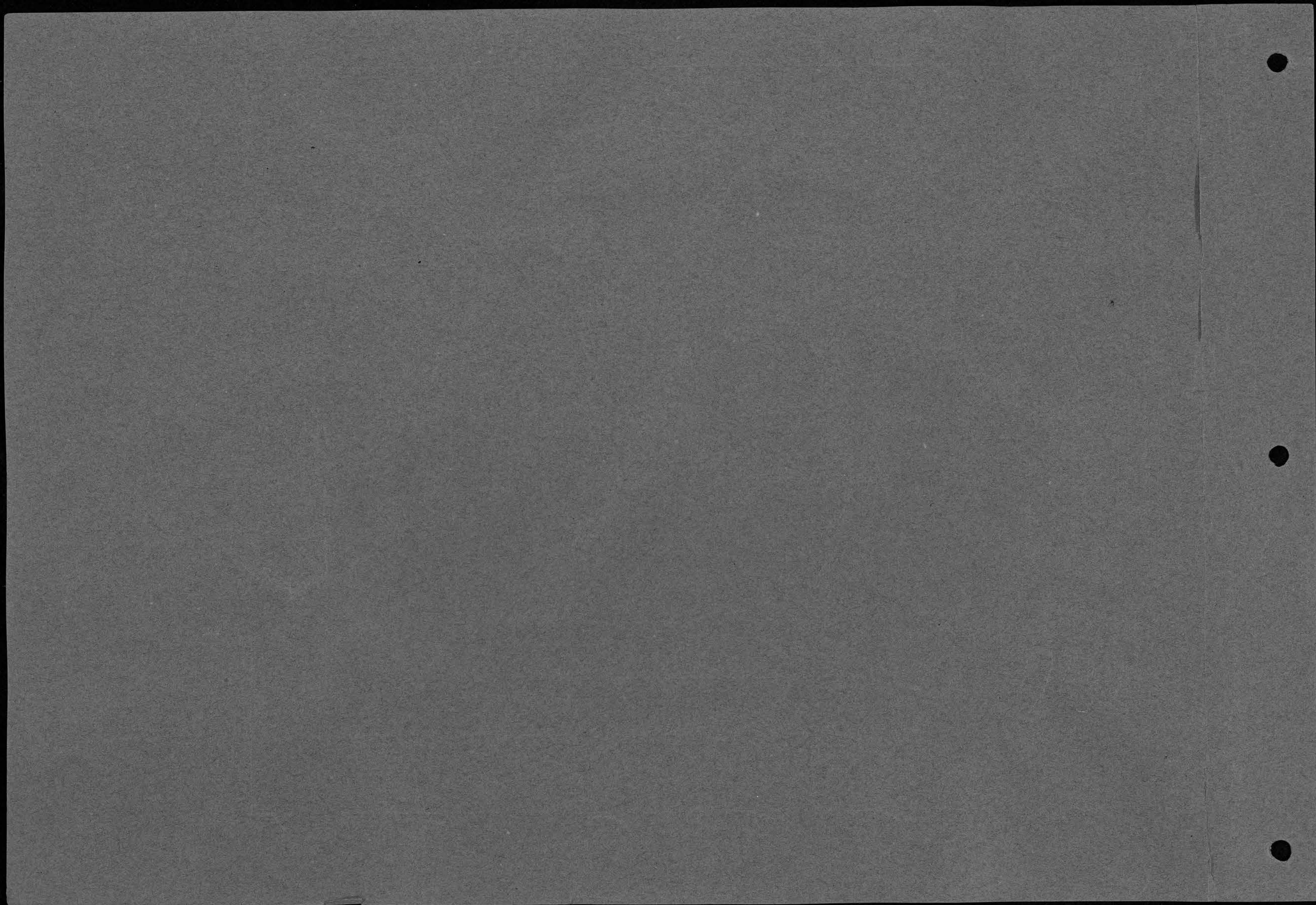
FILE _____

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

Boiler Test

PLACE *KSAC*

DATE *May 18, 1908* 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. *5-13*

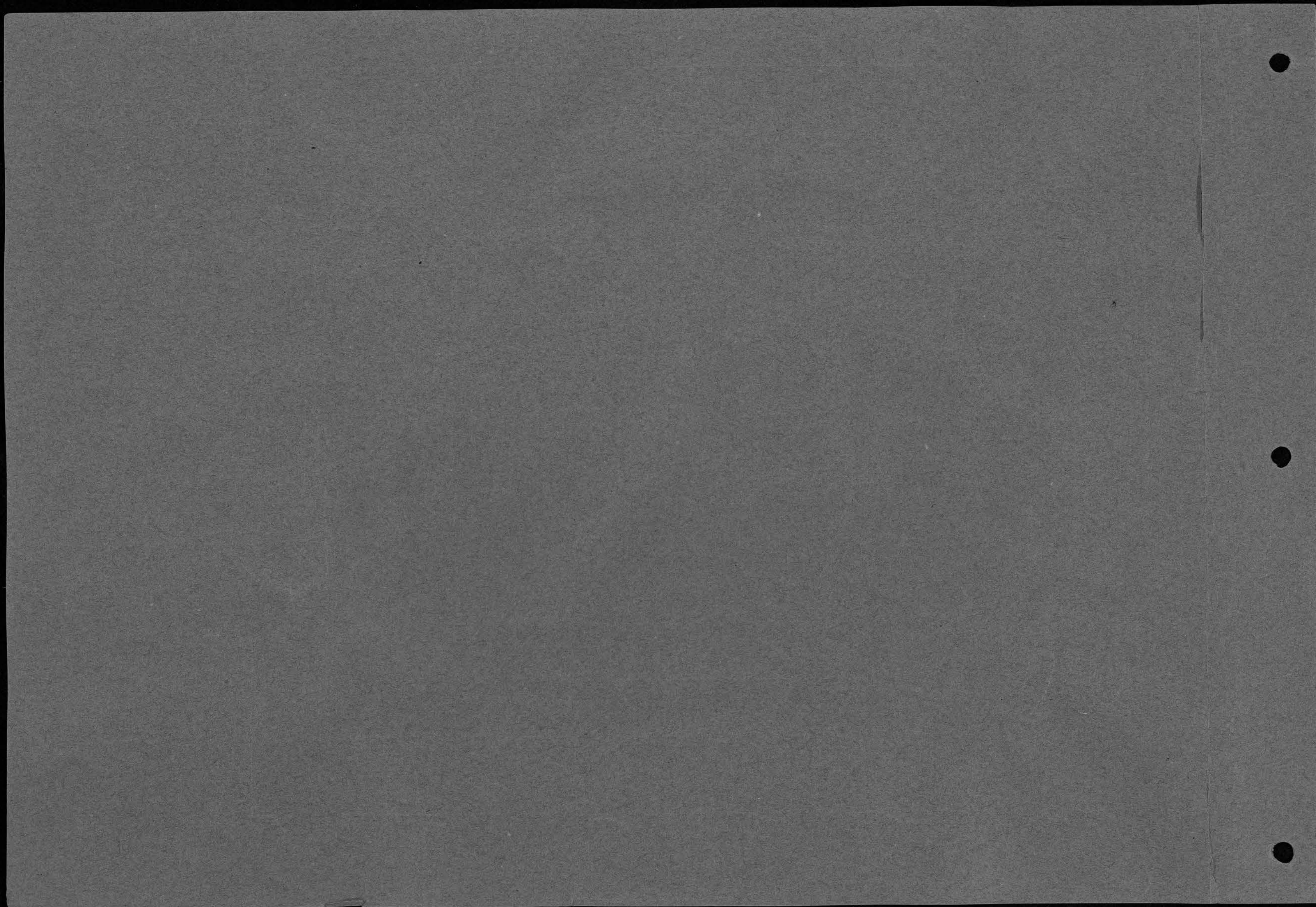
LOCATION.....

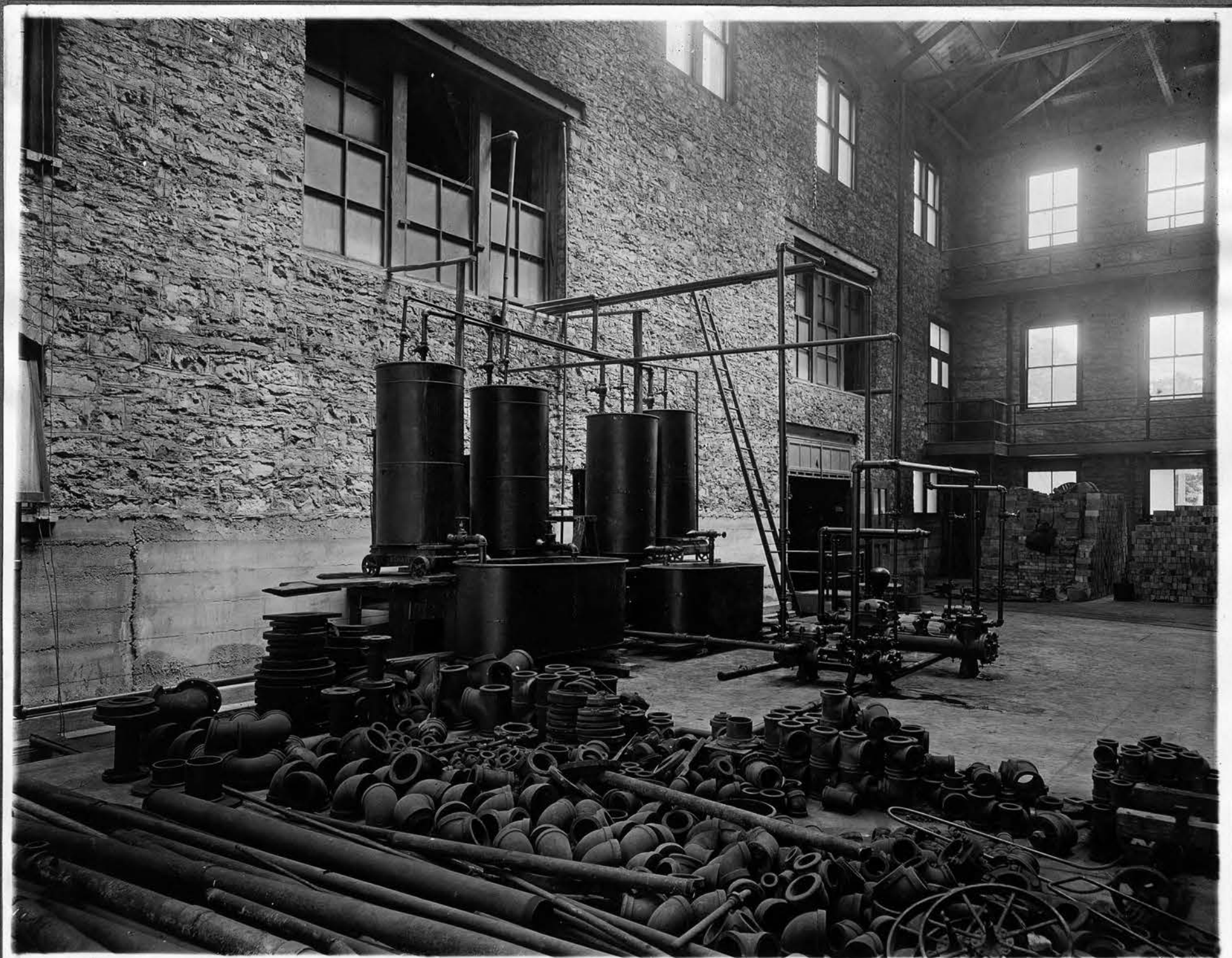
FILE.....

PHOTOGRAPHER.....



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN





KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN

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

SUBJECT:

TANKS AND PUMPS RIGGED
FOR BOILER TRIAL

PLACE ENG. BLDG. K. SAC.

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

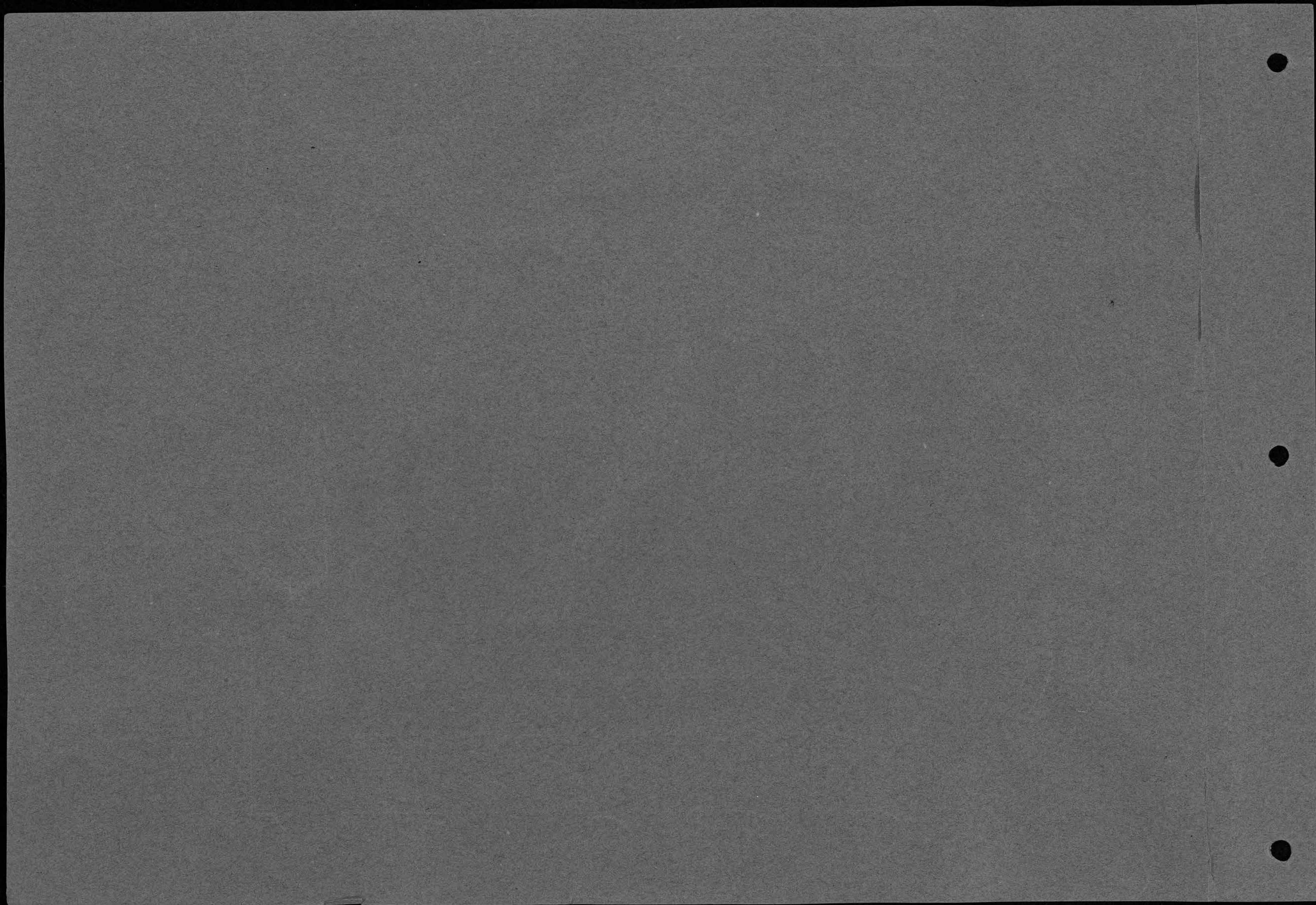
NEGATIVE NO. 5-54

LOCATION.....

FILE.....

PHOTOGRAPHER

DR. ORR



FILE _____ No. _____

SUBJECT:

HIGH PRESSURE BOILER
ROOM-ENG. BLDG.
(UNEQUIPPED)

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

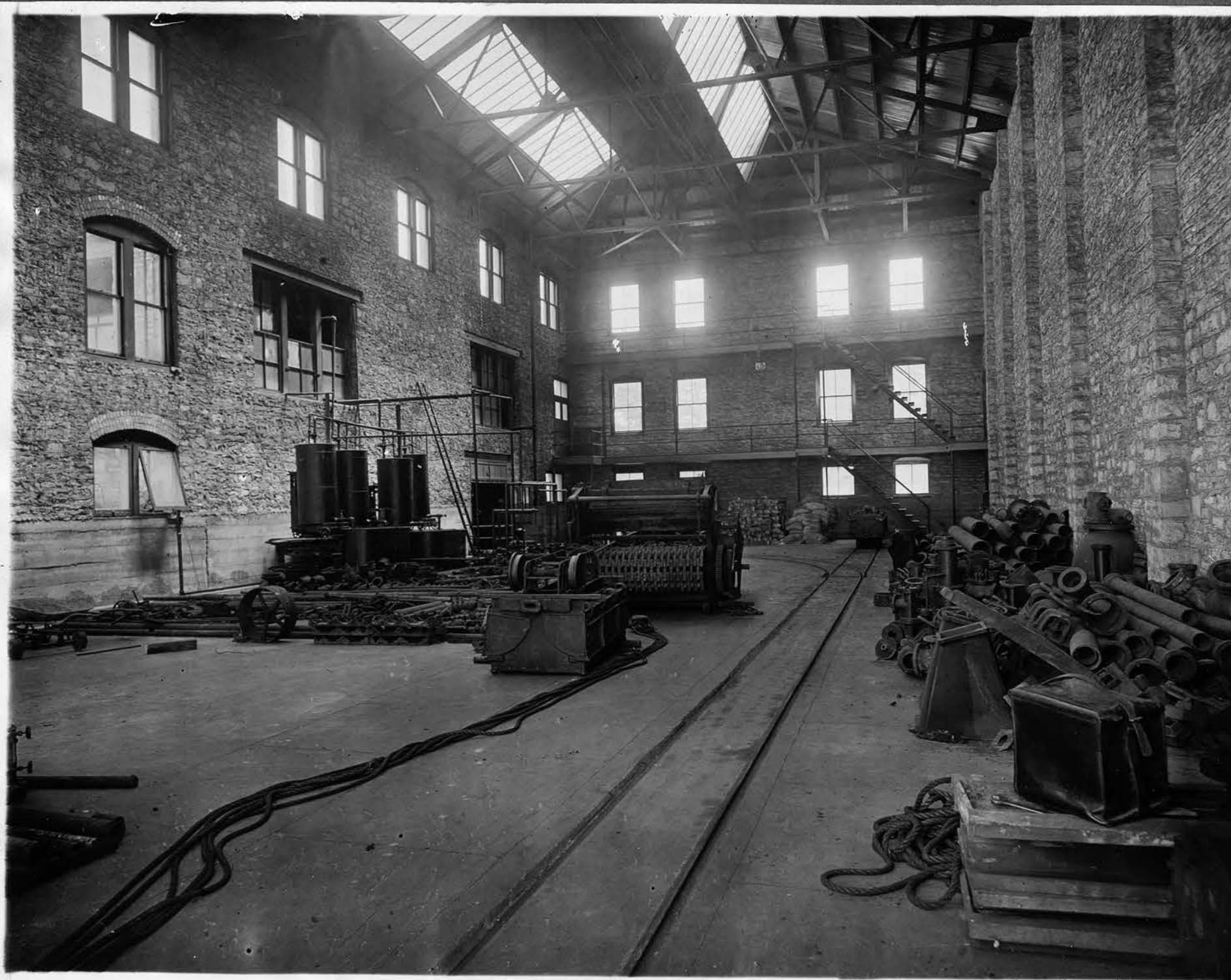
NEGATIVE NO. S-304

LOCATION _____

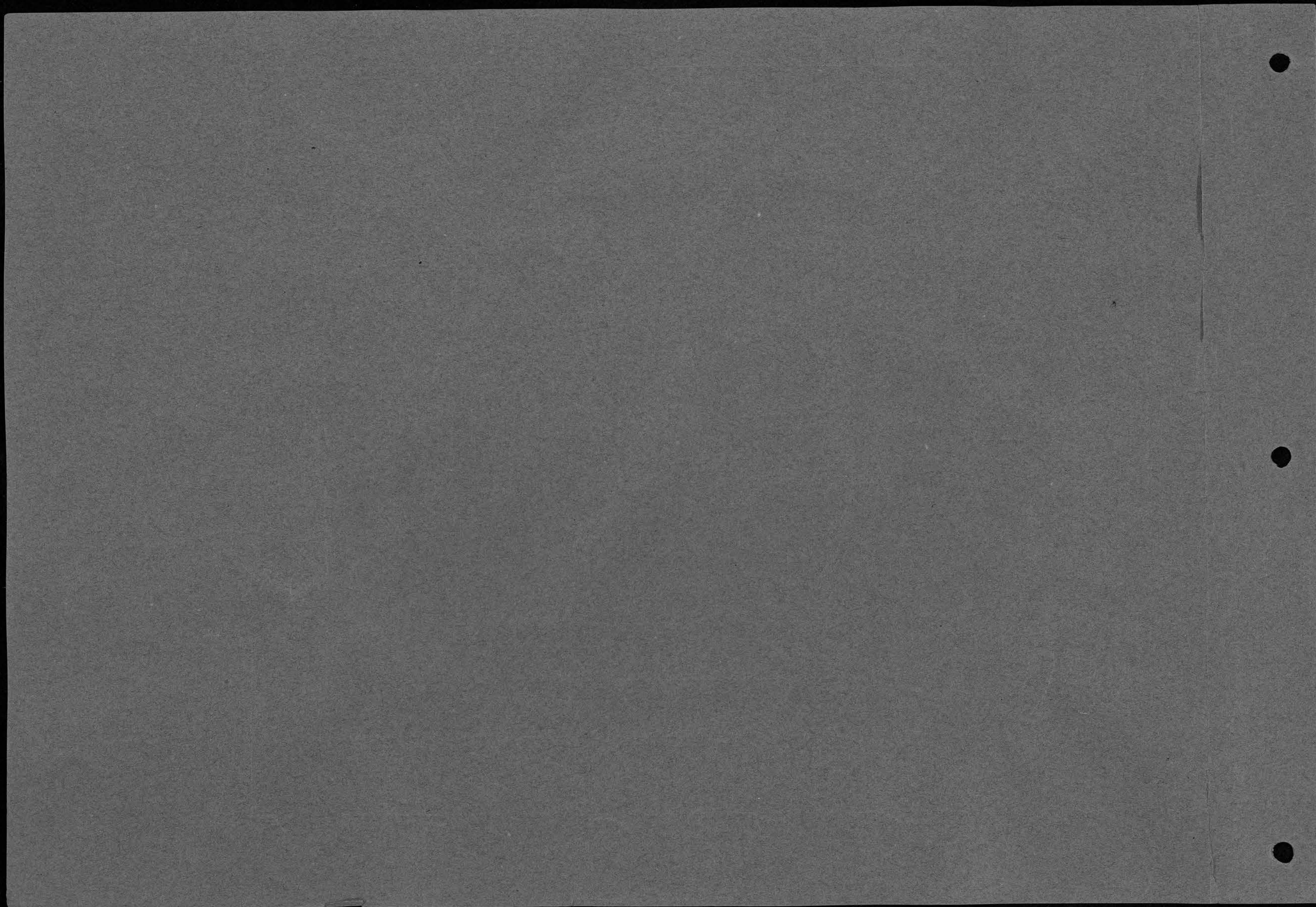
FILE _____

PHOTOGRAPHER

DR. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

KH TRACTOR WITH
"AVERY" WAGON LOADED WITH
CONDENSER AND PUMPS

FOR NEW ENG. LAB.

PLACE W. OF ENG. BLDG.

DATE Nov. 16, 1911 } A.M.
2:30 P.M.

PLATE SEED 30X } RAY FILTER
BACKED

ACTINOMETER TIME M. 24 S.

LENGTH EXPOSURE M. 1 S.

STOP { F. 12.9
U. S. 24

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

CONDITIONS:

- ☒ EXTERIOR ☐ INTERIOR
☒ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN (VERY DENSE NEG.)
☐ BRIGHT SUN
☐ HAZY SUN
☒ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. U-68

LOCATION K. S. A. C.

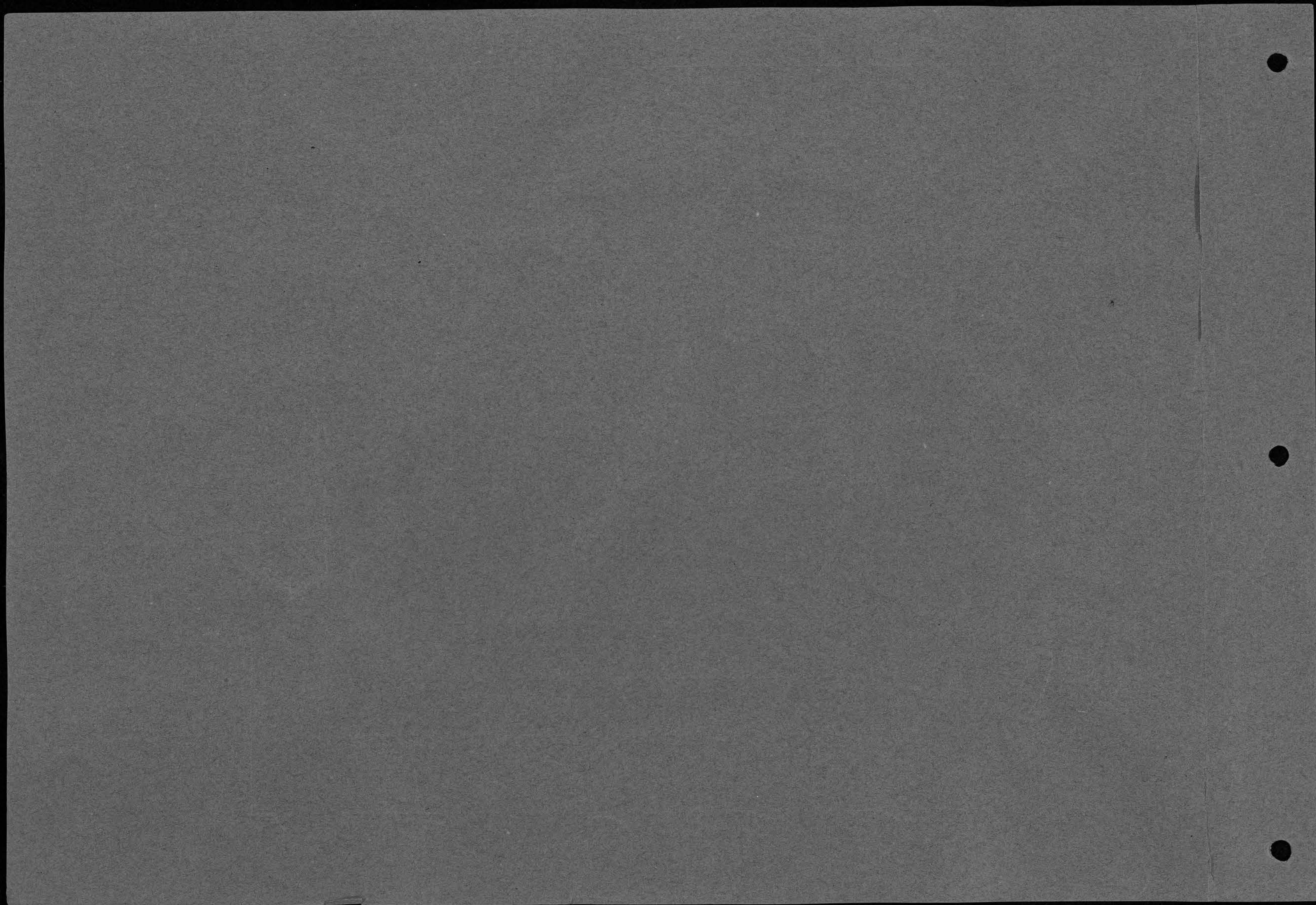
FILE.....

PHOTOGRAPHER

HOWARD M. CHANDLER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

H TRACTOR WITH "AVERY"
WAGON LOADED WITH CON-
DENSER AND PUMPS FOR
NEW ST. ENG. LAB.

PLACE *N. OF ENG. BLDG.*

DATE *Nov. 16, 1911* { A.M.
2:30 P.M.

PLATE *SEER 30 X* { RAY FILTER
BACKED

ACTINOMETER TIME M. *24* S.

LENGTH EXPOSURE M. *1* S.

STOP { F. *18.9*
U. S. *24*

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

CONDITIONS:

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

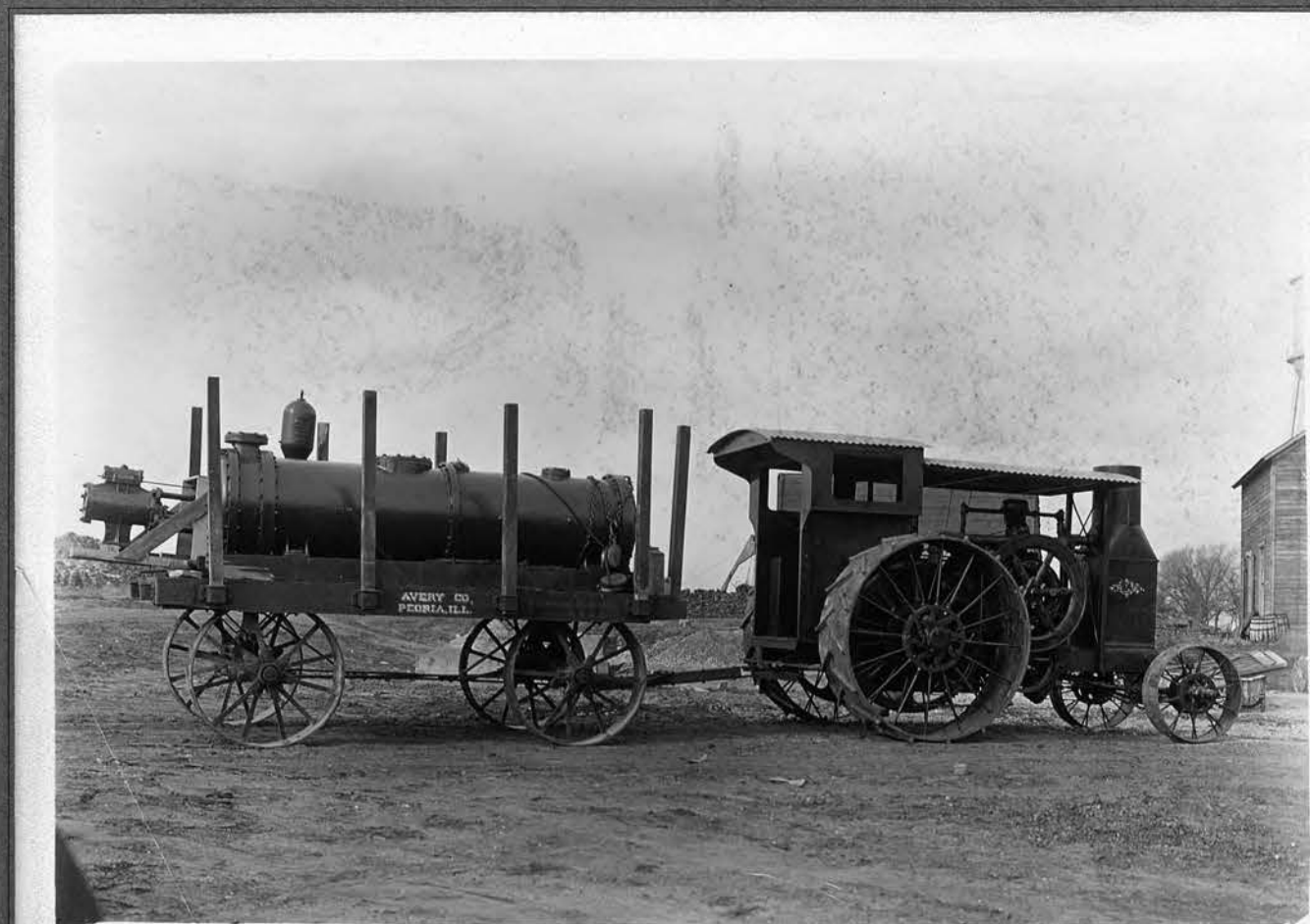
NEGATIVE NO. *U-67*

LOCATION *N. S. AC.*

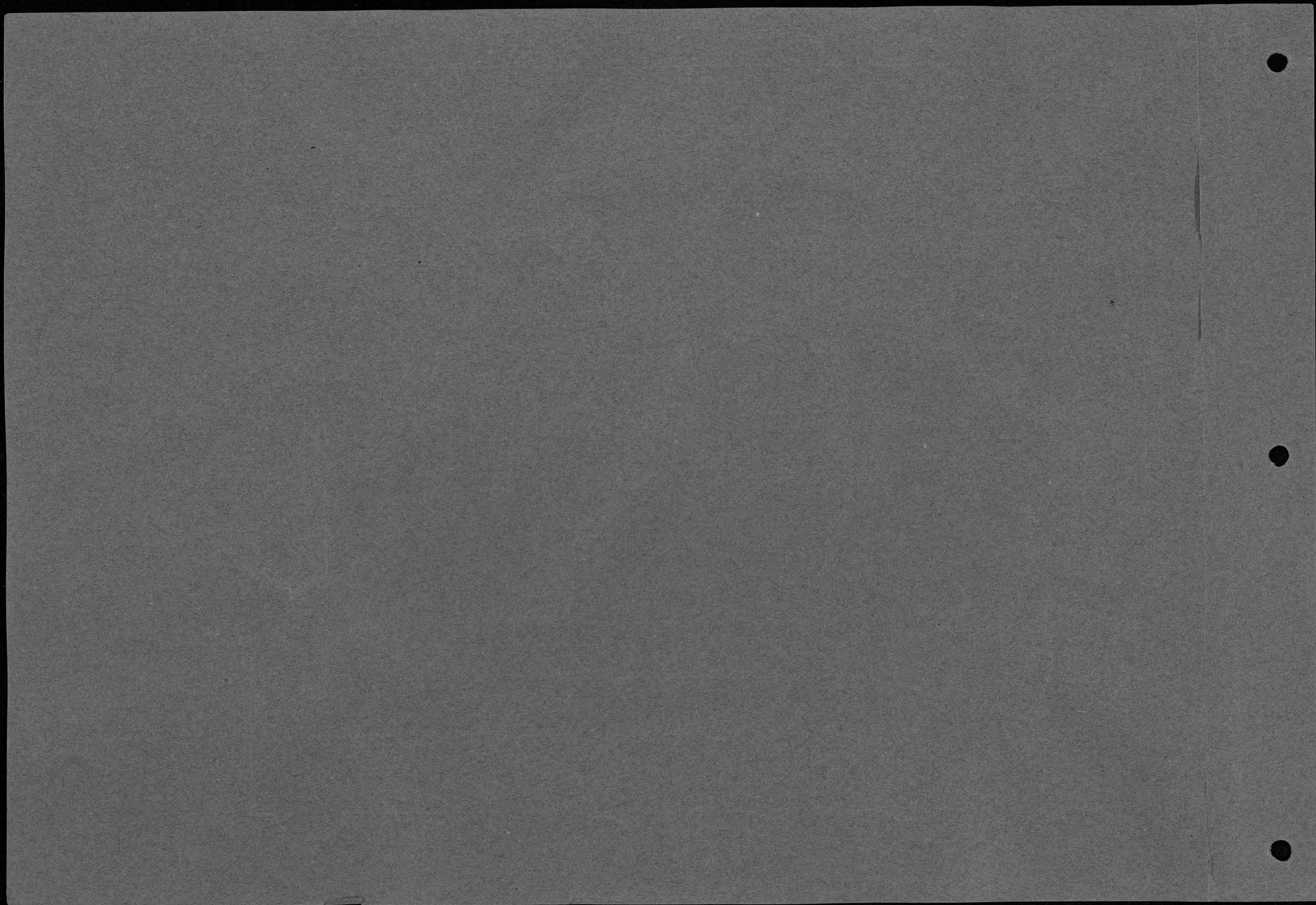
FILE

PHOTOGRAPHER

HOWARD M. CHANDLER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

I.H.C. TRACTOR WITH "AVERY"
WAGON LOADED WITH
CONDENSER & PUMPS FOR
NEW ENGINEERING LAB.
PLACE W. OF ENG. BLDG.

DATE NOV. 16, 1911 } A.M.
2:30 P.M.

PLATE SEED 30 X } RAY FILTER
BACKED

ACTINOMETER TIME M. 24 S.

LENGTH EXPOSURE M. 1 S.

STOP { F. 18.2
U. S. 24 #4

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

CONDITIONS:

☒ EXTERIOR ☐ INTERIOR

☒ DAYLIGHT ☐ FLASH LIGHT

☐ INTENSE SUN ☒ VERY DENSE NEG.

☐ BRIGHT SUN

☐ HAZY SUN

☒ CLOUDY, BRIGHT

☐ CLOUDY, DULL

NEGATIVE No. U-68

LOCATION K.S.A.C.

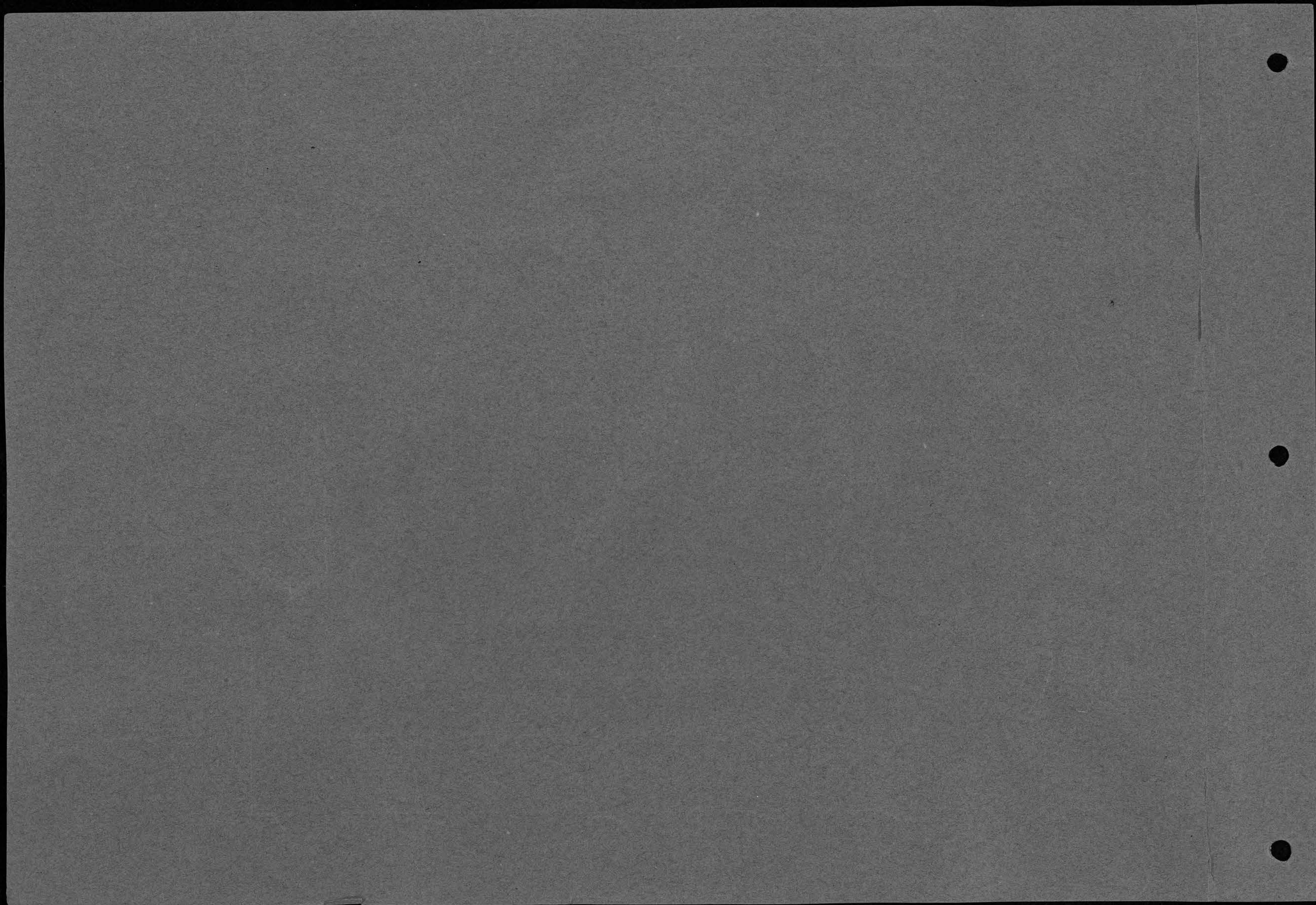
FILE

PHOTOGRAPHER

HOWARD M. CHANDLER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

ST. & GAS ENG. LAB

PLACE *H. S. A. C.*

DATE *5/22/11* { A.M. 2:30 P.M.

PLATE *SEED 30X* { RAY FILTER BACKED

ACTINOMETER TIME *2* M. S.

LENGTH EXPOSURE M. *30* S.

STOP { F. U. S. *32*

LENS { DOUBLE *#7* FOCUS *6 3/8"* BACK FOCUS

CONDITIONS:

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

NEGATIVE No. *U-28*

LOCATION *H. S. A. C.*

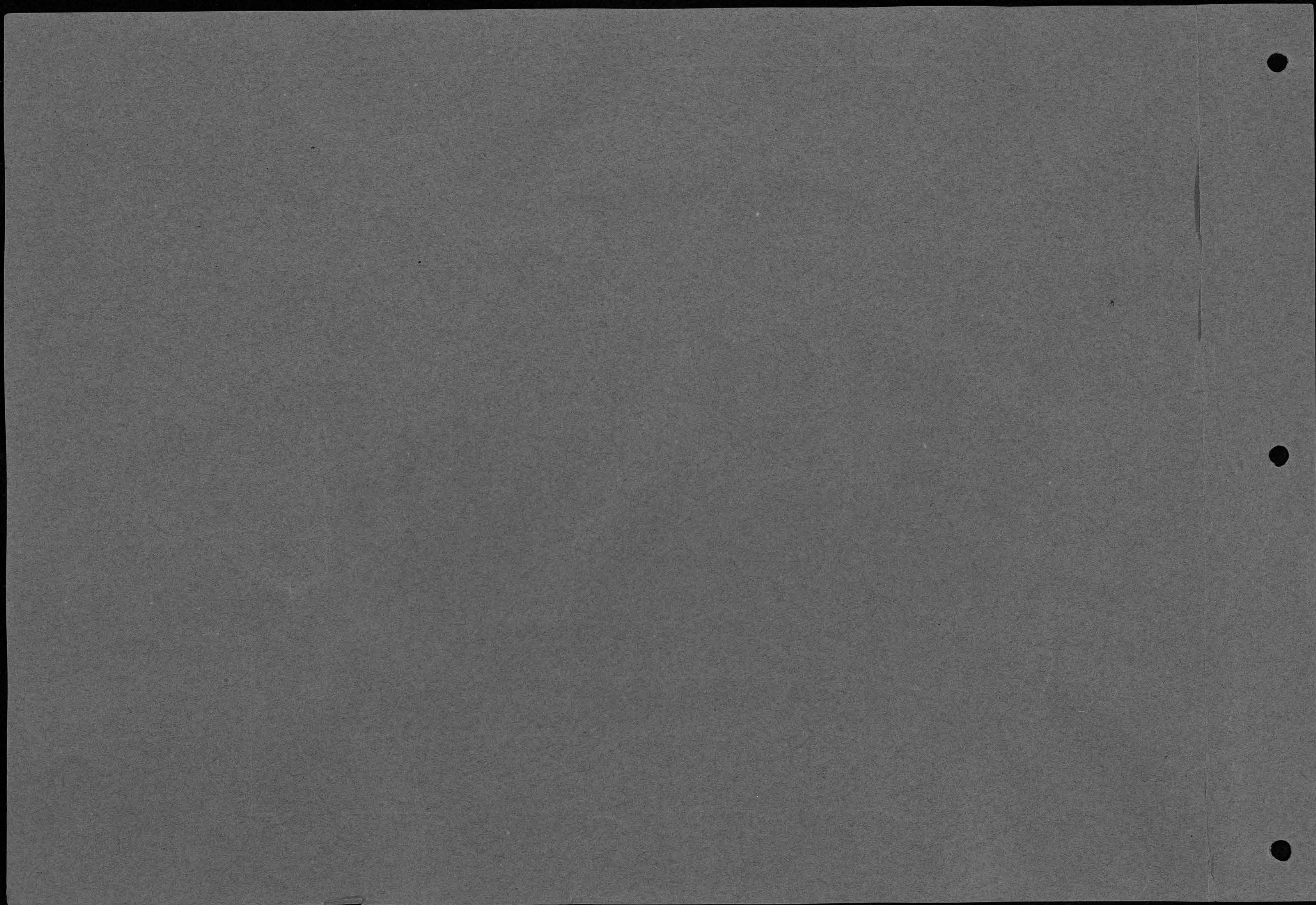
FILE.....

PHOTOGRAPHER

Howard S. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

CLASS IN GAS
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. 5-101

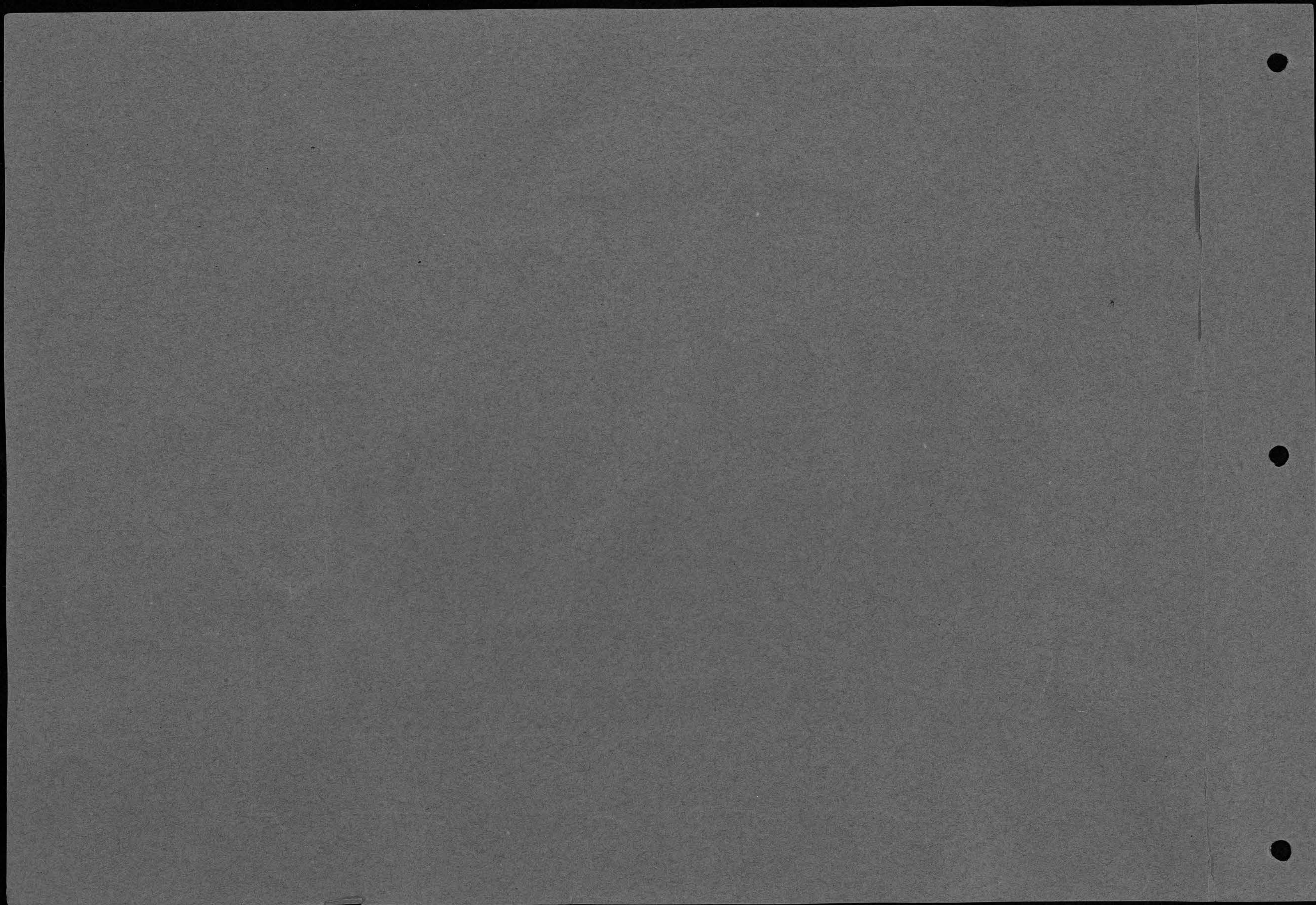
LOCATION

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

GAS TRACTOR LAB.

PLACE *K.S.A.C.*

DAT..... } 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:

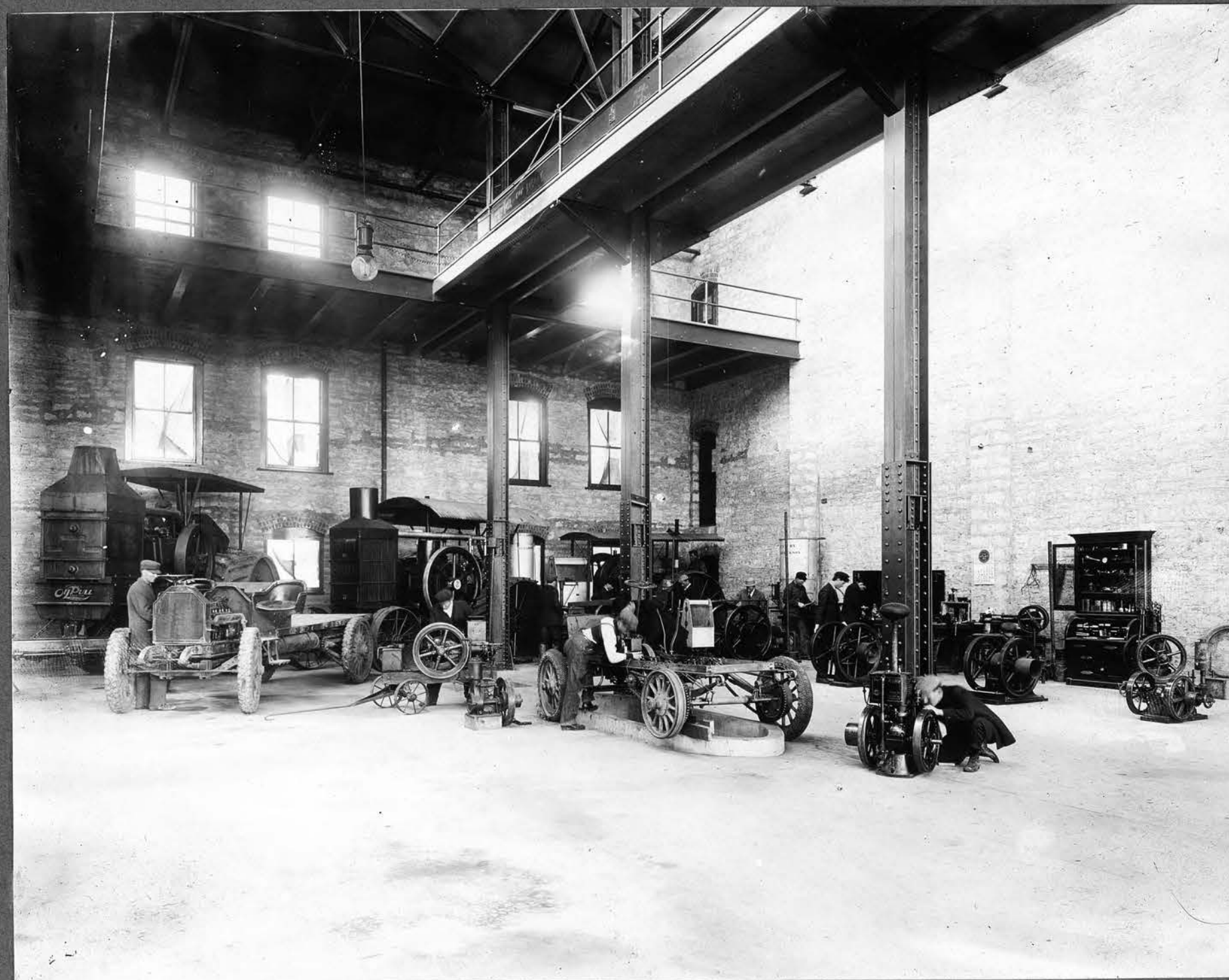
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. *509*

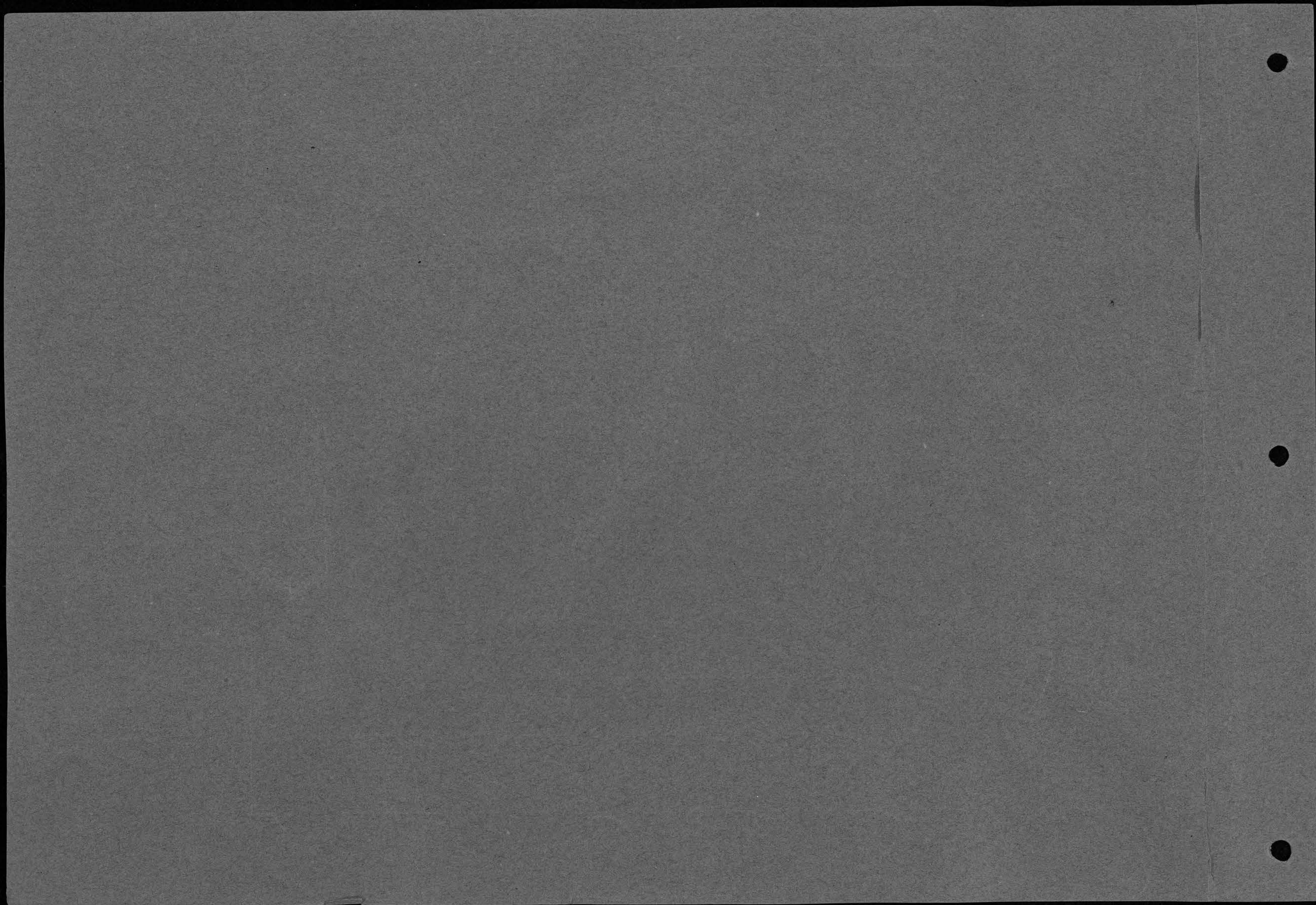
LOCATION.....

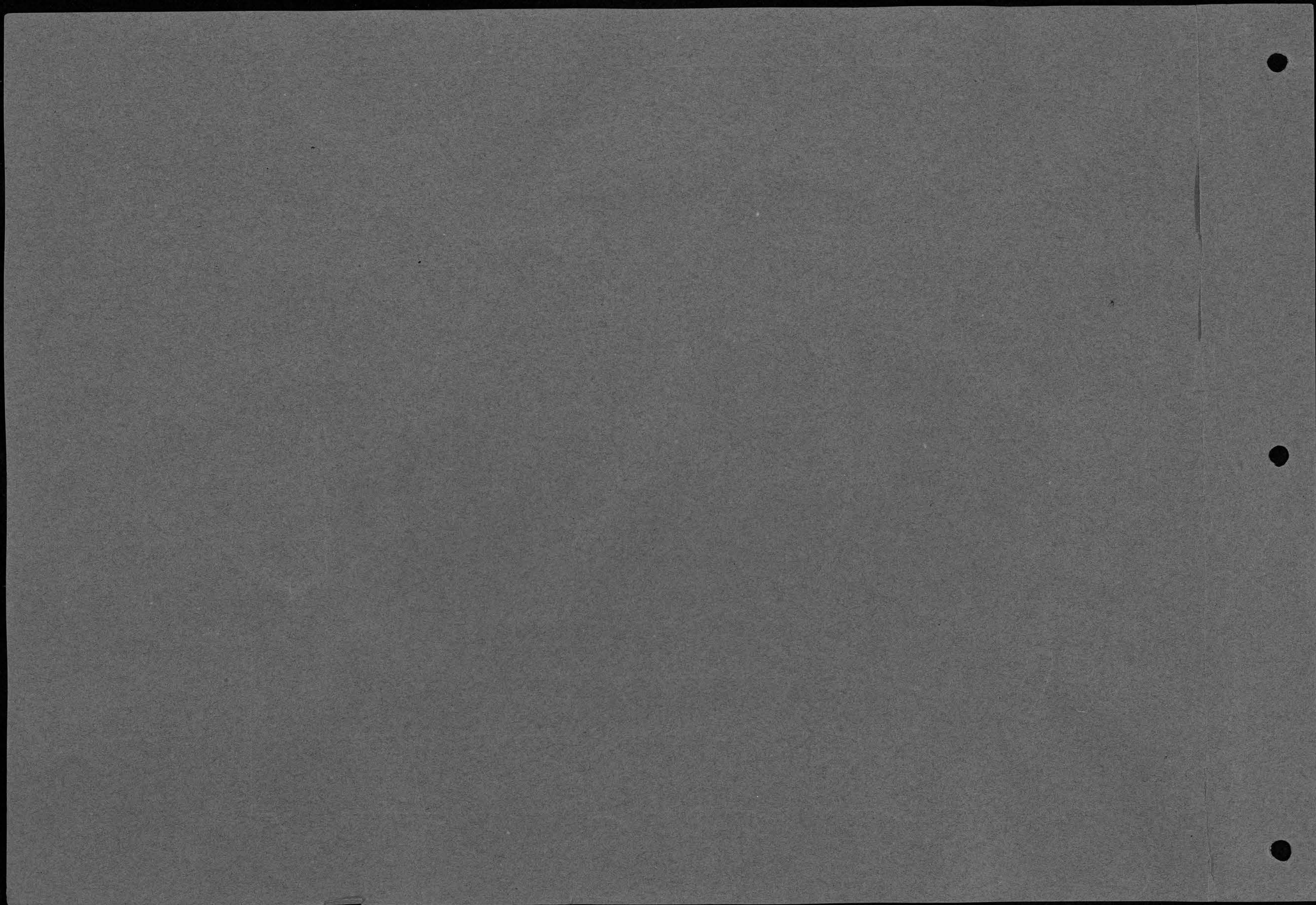
FILE.....

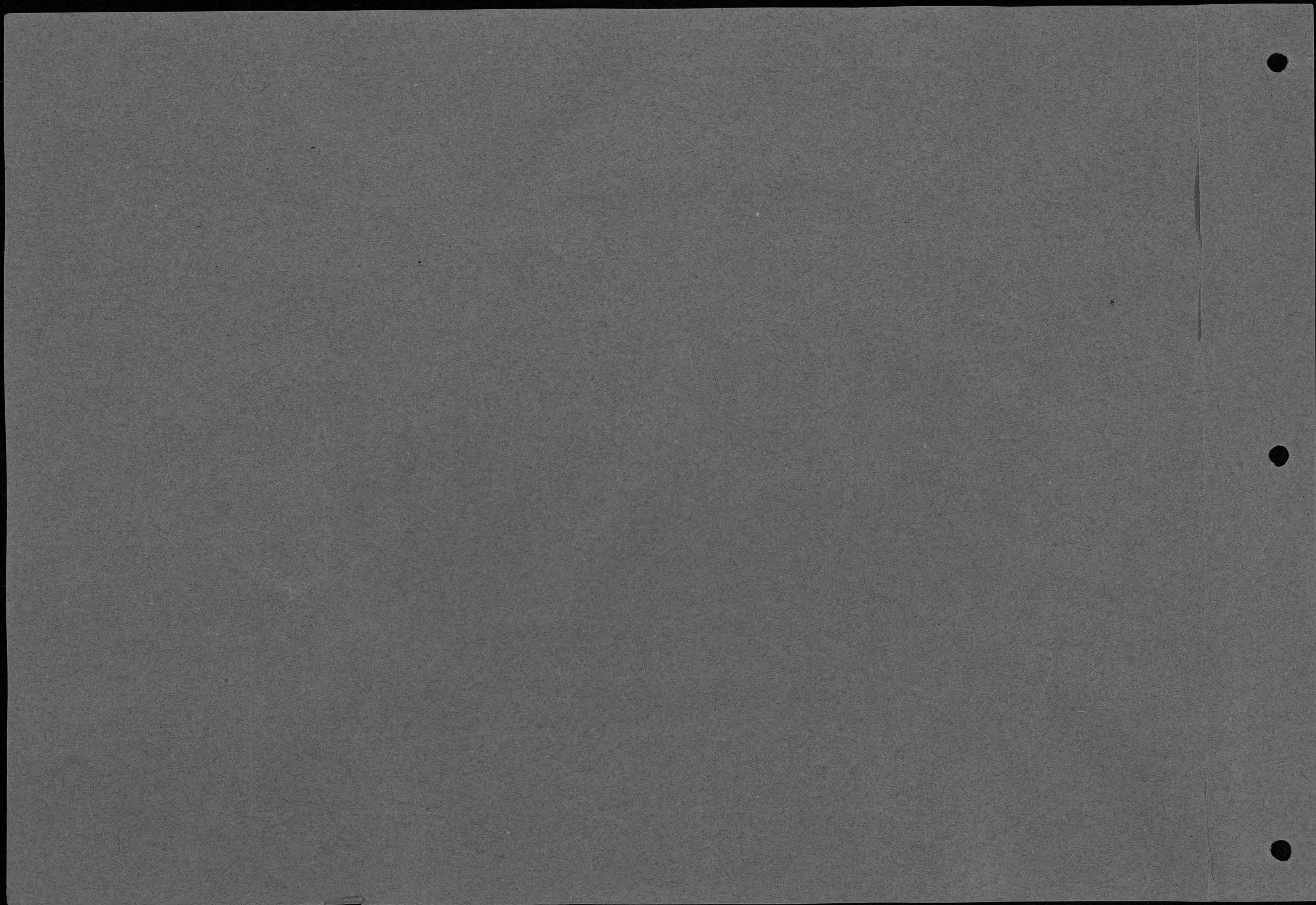
PHOTOGRAPHER.....



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN







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

SUBJECT:

LABORATORY EXHIBIT
DEPT. OF POWER & EXP.
ENGR.

PLACE

DATE 4-12 { 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.

LOCATION

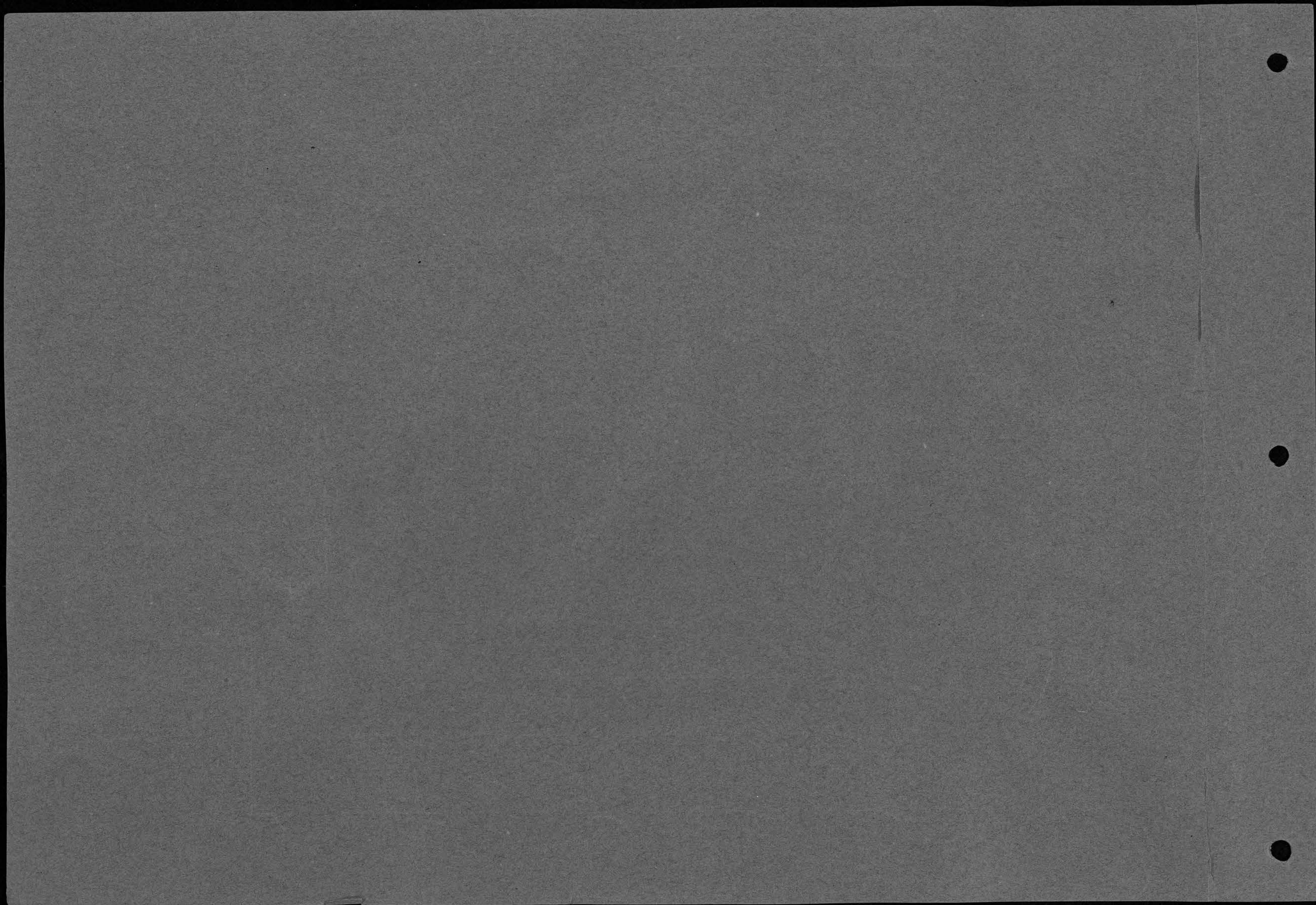
FILE

PHOTOGRAPHER

D.R. ORR



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

"HART-PARR" TRACTOR &
"AUSTIN" 6 TON CRUSHER
AT QUARRY

PLACE BLUEMONT ON N. 9TH ST

DATE 9/27/11 { 12:00 A.M.
P.M.

PLATE SEED 27X { RAY FILTER
BACKED

ACTINOMETER TIME _____ M. _____ S.

LENGTH EXPOSURE _____ M. 1 S.
200

STOP { F. 6.2
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-3

LOCATION K.S.A.C.

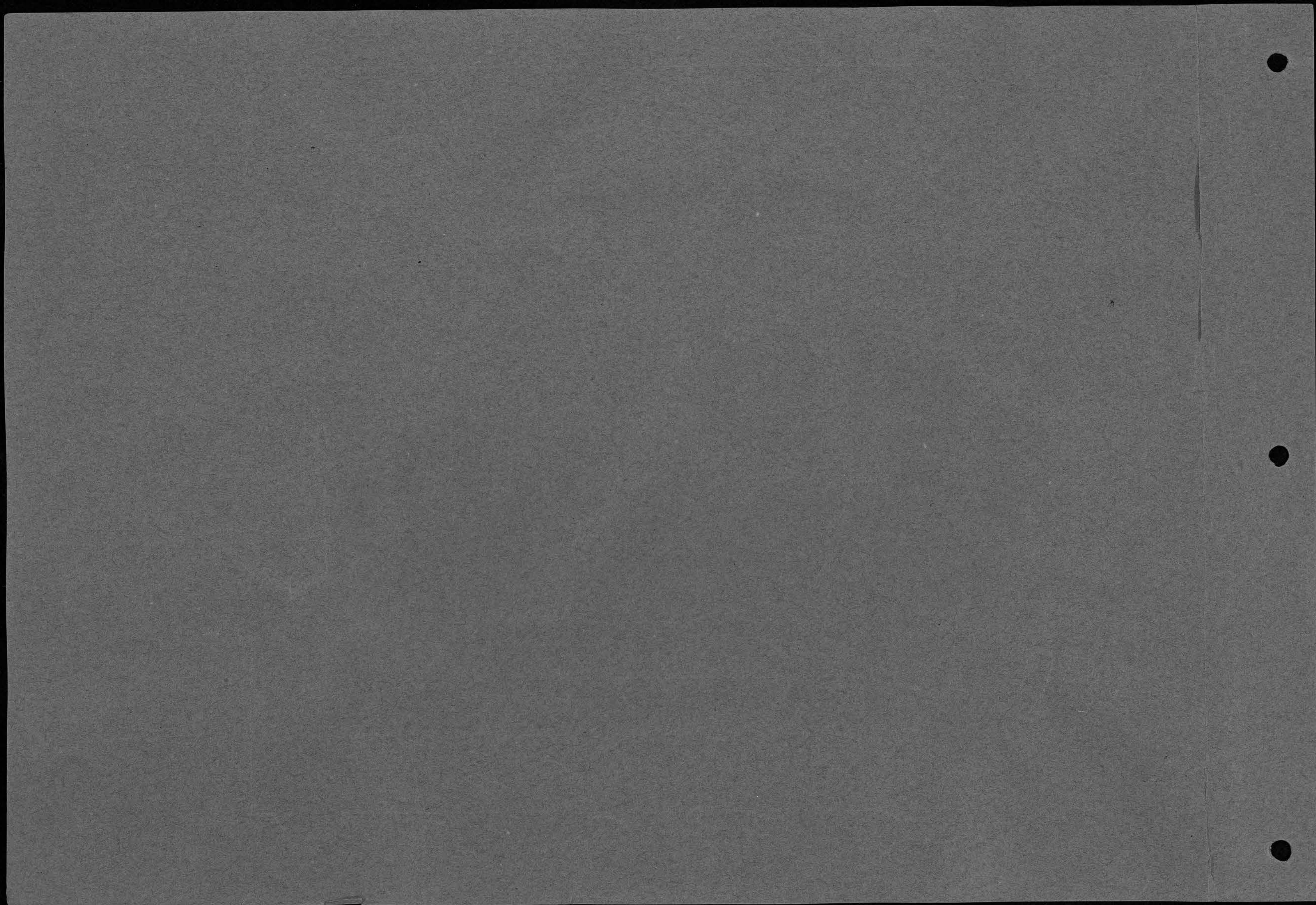
FILE _____

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



FILE _____ No. _____

SUBJECT:

"HART-PARR" TRACTOR HAUL-
ING 6 TON ROCK CRUSHER
UP BLUEMONT HILL

PLACE N.E. OF CAMPUS

DATE 9/27/11 { 10:30 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 1/8"
BACK _____ FOCUS _____

CONDITIONS:

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

NEGATIVE No. U-39

LOCATION K. S. A. C.

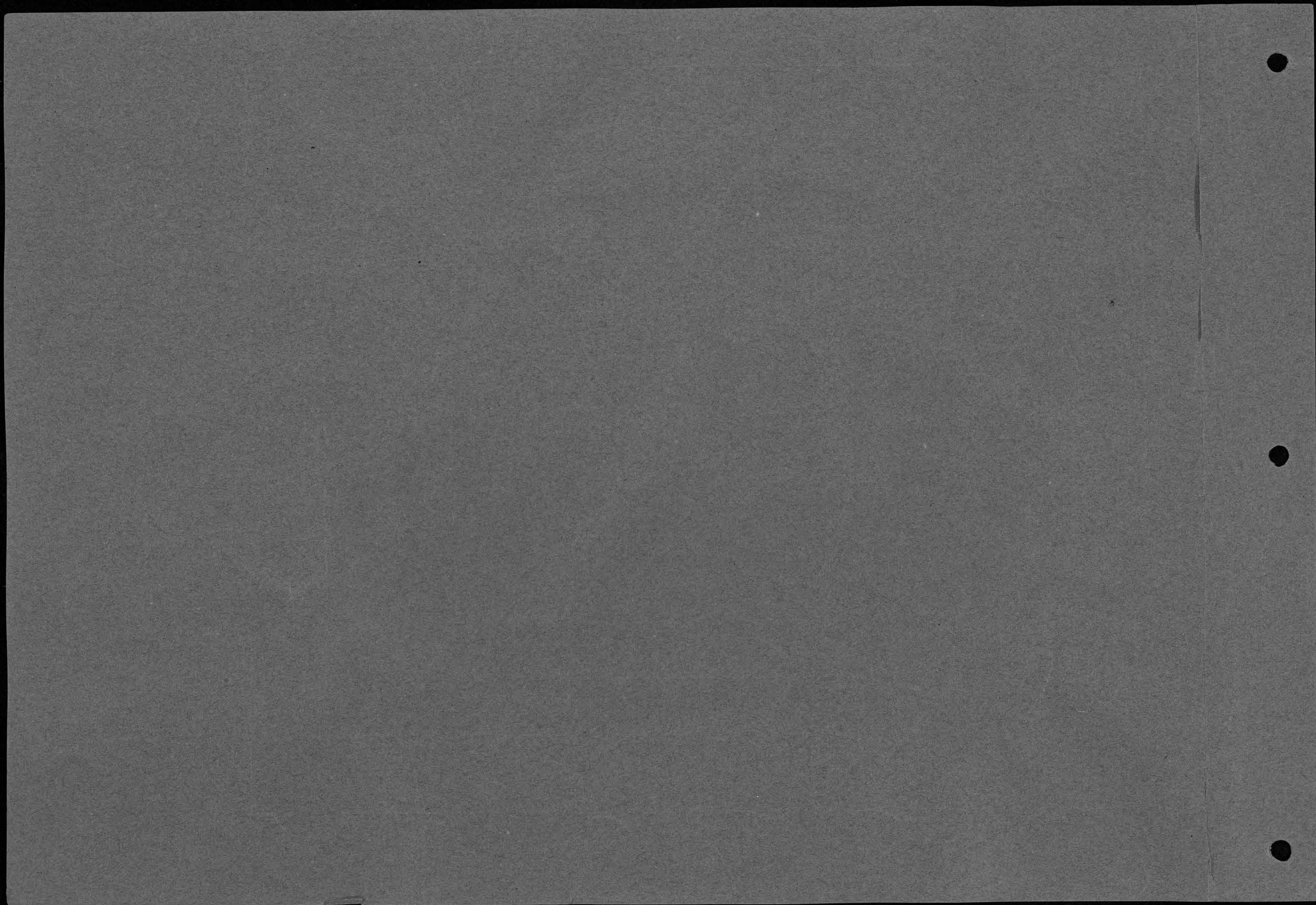
FILE _____

PHOTOGRAPHER

Howard M. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

HART-PARK TRACTOR AND
CRUSHER AT QUARRY ON
BLUEMONT.

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-5*

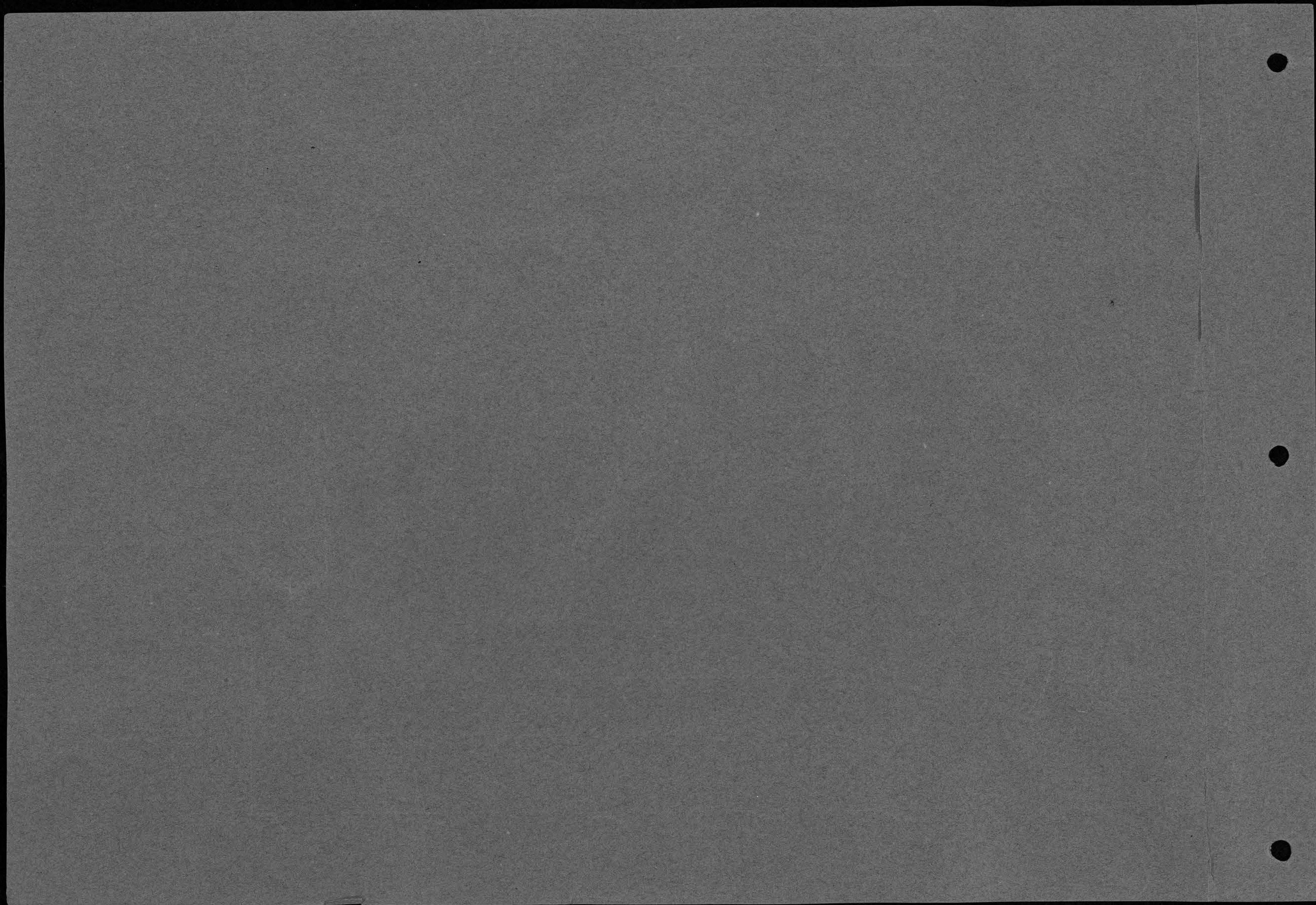
LOCATION *K.S.A.C.*

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

HART-PARR TRACTOR
HAULING 6 TON "AUSTIN"
ROCK CRUSHER UP BLUE
MOUNT HILL

PLACE N.E. OF CAMPUS

DATE 9/27/11 9:30 A.M.
P.M.

PLATE SEED 27X RAY FILTER
BACKED

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

LENGTH EXPOSURE..... M. $\frac{1}{200}$ 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-4

LOCATION K.S.A.C.

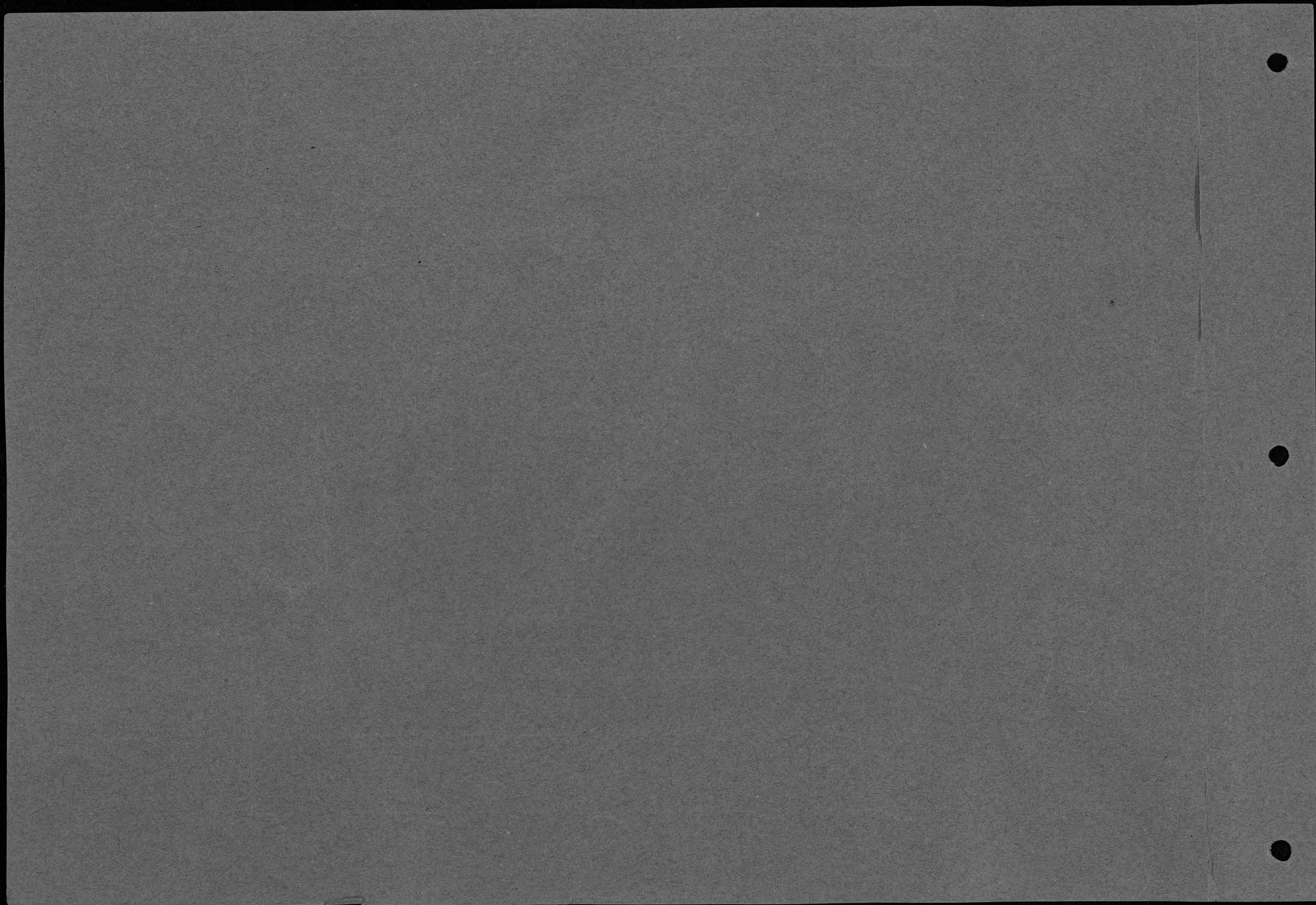
FILE.....

PHOTOGRAPHER

Howard W. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

"HART-PARR" TRACTOR HAULING
6 TON "AUSTIN" ROCK CRUSHER
UP BLUEMONT HILL

PLACE N.E. OF CAMPUS

DATE 9/27/11 9:35 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-2

LOCATION H. S. A. C.

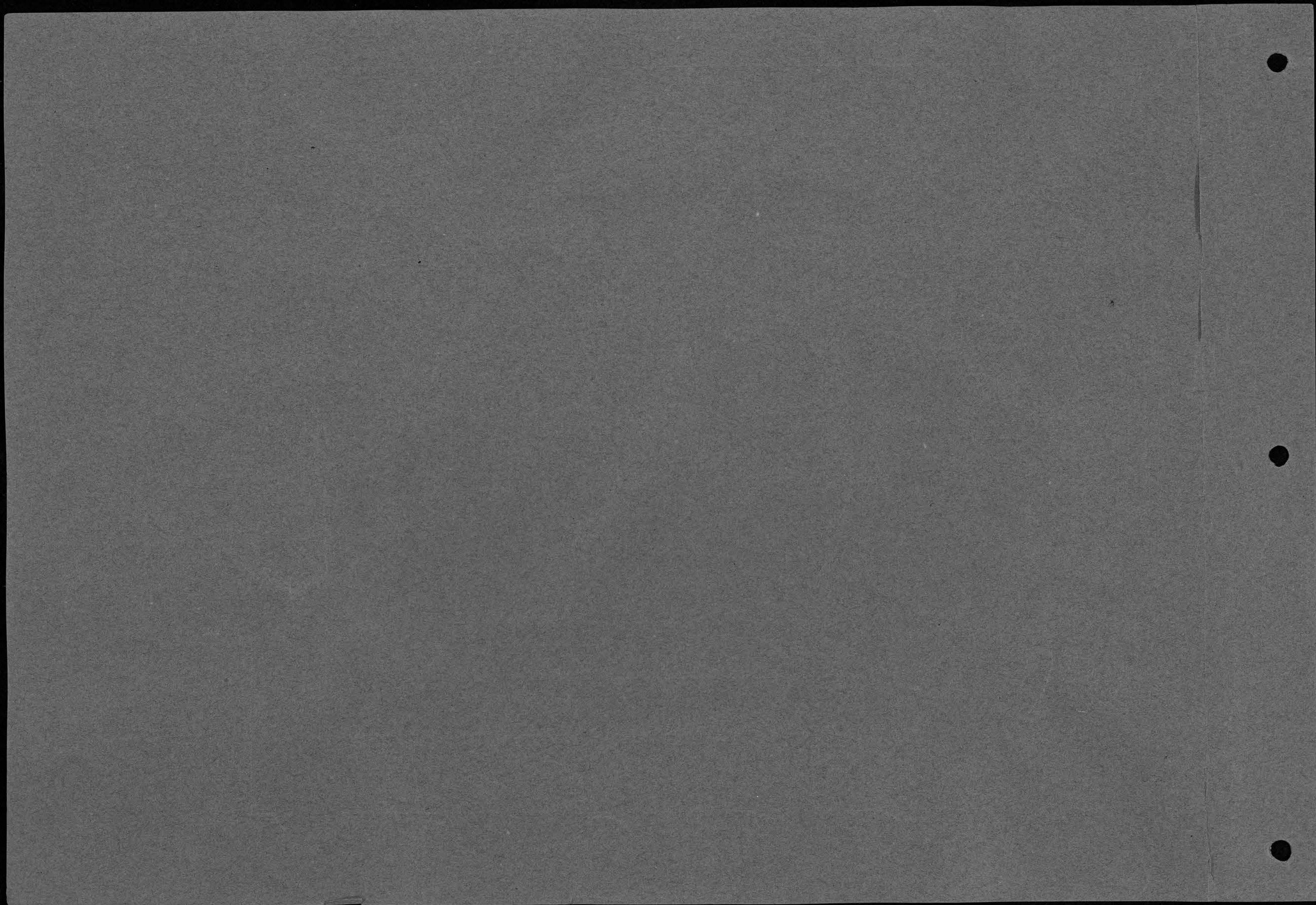
FILE.....

PHOTOGRAPHER

Howard A. Chandler



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

STEAM ENGINE TEST

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:

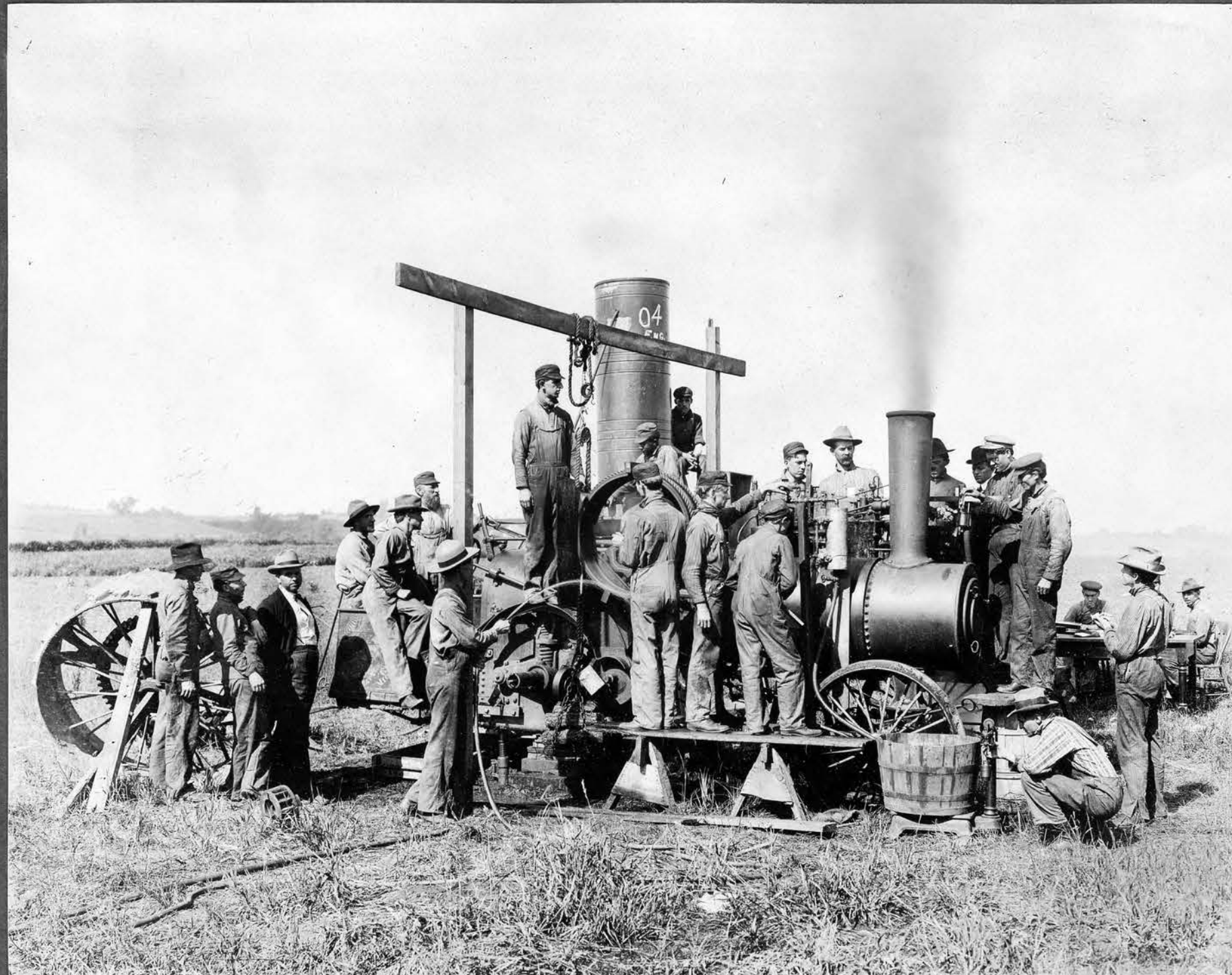
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE NO 567

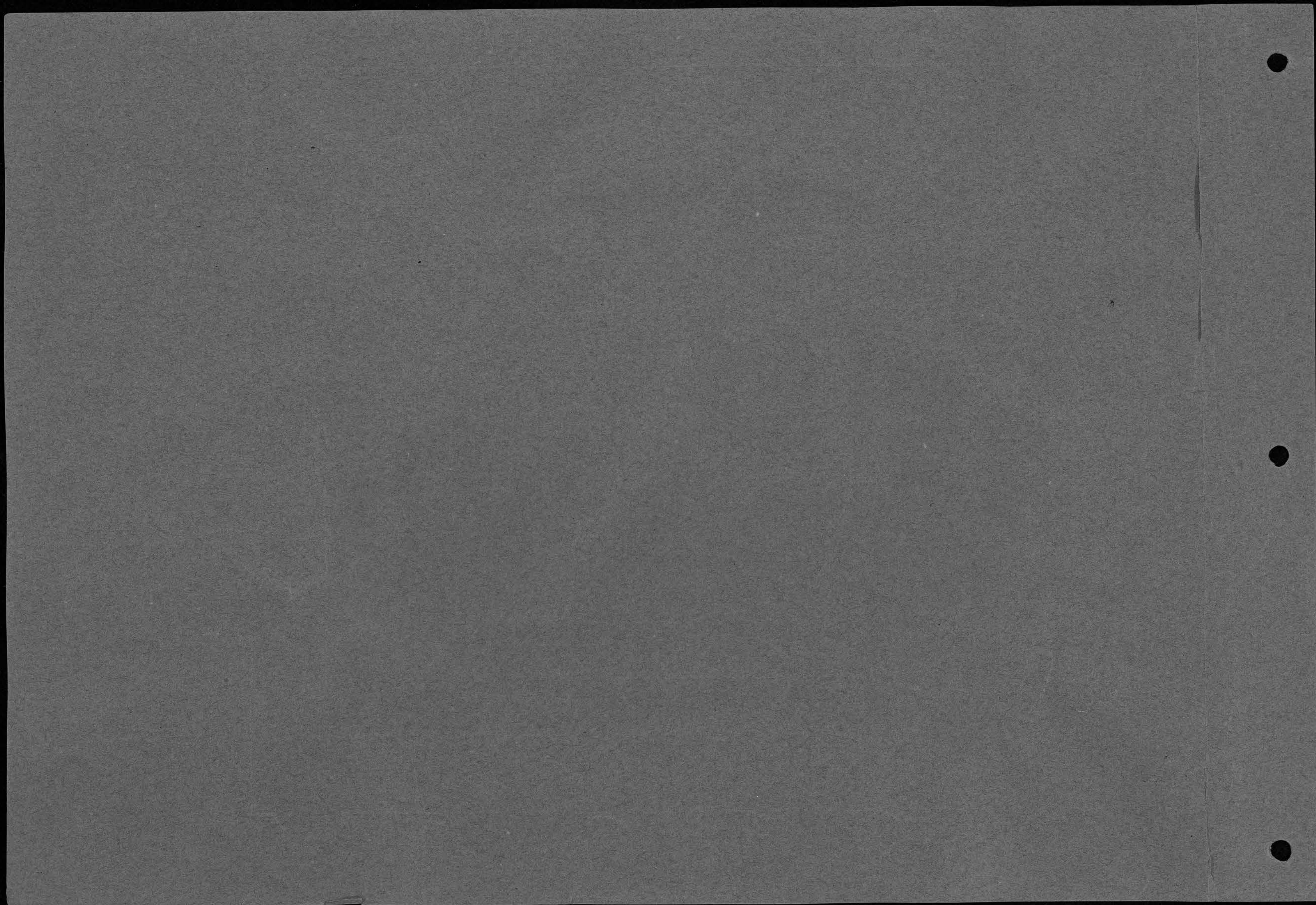
LOCATION K.S.A.C.

FILE.....

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN



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

SUBJECT:

STEAM 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:

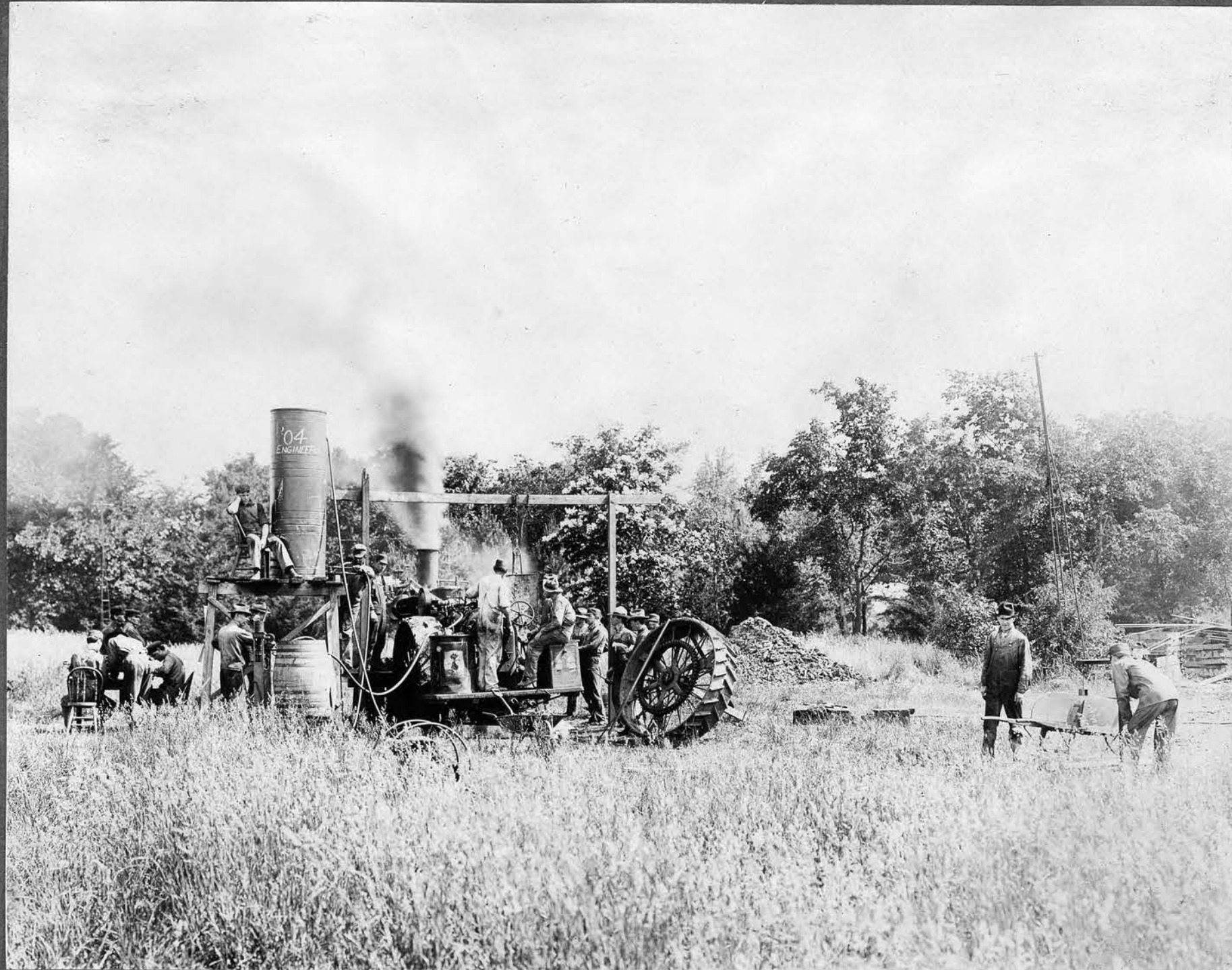
- ☐ EXTERIOR ☐ INTERIOR
☐ DAYLIGHT ☐ FLASH LIGHT
☐ INTENSE SUN
☐ BRIGHT SUN
☐ HAZY SUN
☐ CLOUDY, BRIGHT
☐ CLOUDY, DULL

NEGATIVE No. 566

LOCATION K.S.A.C.

FILE

PHOTOGRAPHER



KANSAS STATE AGRICULTURAL COLLEGE
DEPARTMENT OF EXPERIMENTAL ENGINEERING
MANHATTAN

