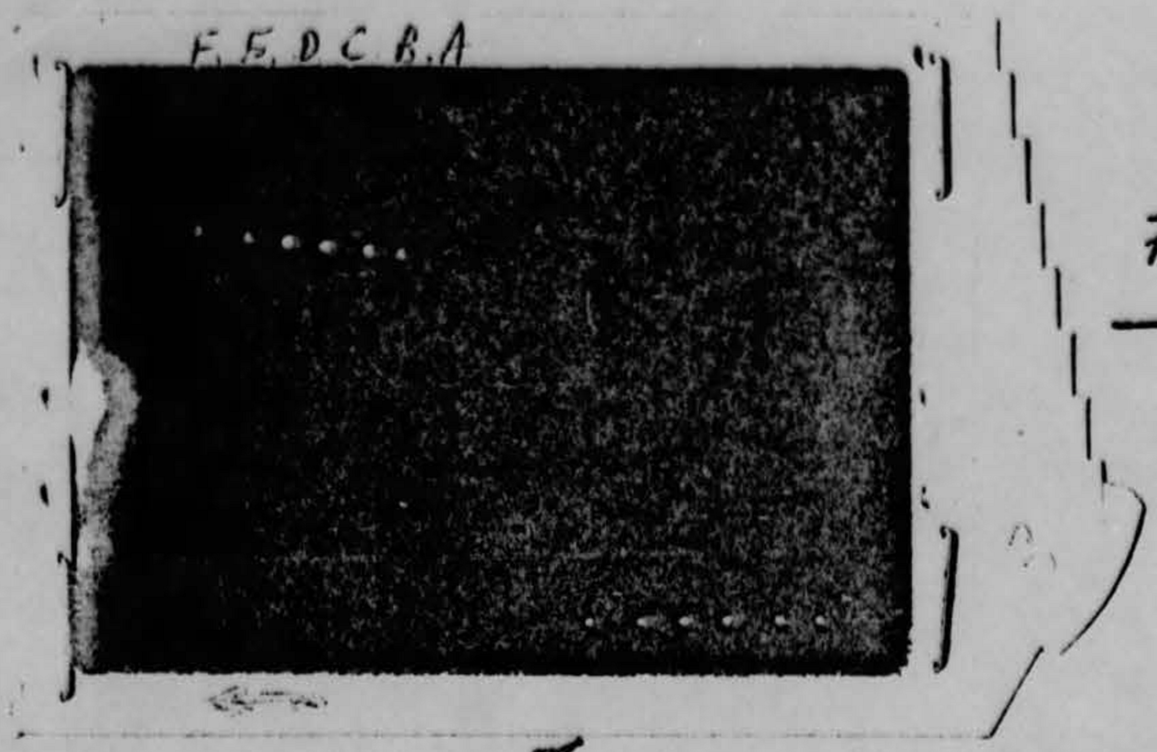
PROJECT 10073 RECORD

1. DATE - TIME GROUP 18/2230 CST 18 Nov 67 19/0430 Z	**2. LOCATION** See also: video tape 7-3745-344 Covington, Indiana
3. SOURCE Civilian	**10. CONCLUSION** Visual: Insufficient Data Photo: Other (LIGHT SOURCE)
4. NUMBER OF OBJECTS See Case	
5. LENGTH OF OBSERVATION Confusing	**11. BRIEF SUMMARY AND ANALYSIS**
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE SE to NW	
8. PHOTOS ☒ Yes ☐ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	See Also: Film (video tape) - 7-3745-344

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

0145, CDT



Mercury Vapor
street light

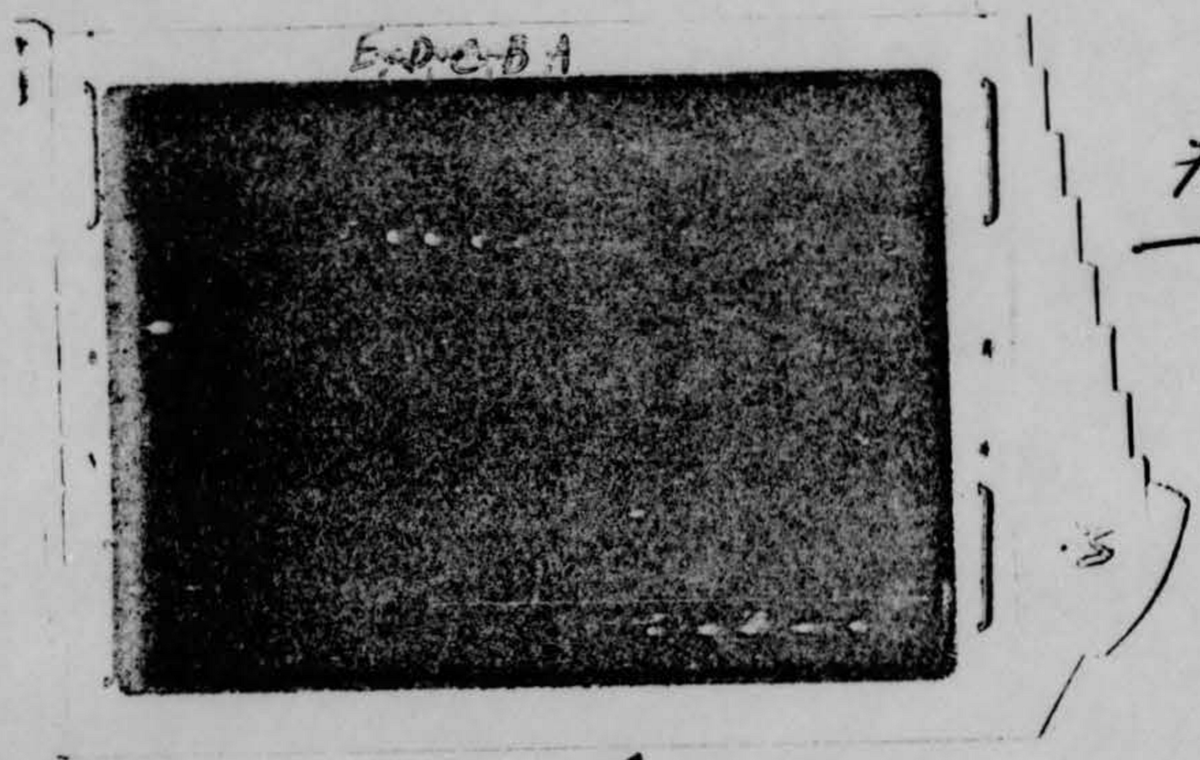
Multiple exposures, wide ope

22° Elevation

#3

A.	150°	Az.	1	exposure
B.	152°	"	2	"
C.	154°	"	3	"
D.	156°	"	4	"
E.	158°	"	1	"
F.	160°	"	1	"

* Rapid clicks of the shutter



Mercury Vapor
Street light

Multiple exposures, wide ope

22° Elevation

#4

A.	150°	Az.	1	exposure
B.	153°	Az	2	"
C.	156°	"	3	"
D.	158°	"	4	"
E.	160°	"	1	"

Note: all look angles are approximate (± 1 degree relative to tripod setting)

Smithsonian Optical Meteor P
P.O. Box 294
1161-D East University Ave.
Urbana, Illinois 61801

18 Nov 67

MEMO FOR THE RECORD 29 October 1968

Subj: UFO sighting 18 Nov 67

[redacted] of Photo lab [redacted] called on 29 Oct 68 and wanted to know the mean distance to the moon and mean angular diameter of the moon for 18 Nov 67 at 10:30 pm CST.

[redacted] called Dr Hynek's office on 29 Oct, and asked if Dr Hynek could find the above information.

Dr Hynek called on 30 Oct 68 to say the:

the diameter of the moon was 29'46 sec

Semi diameter of the moon was 14'53 sec,

Mean angular diameter of the moon was 31'5 sec,

Center of earth to center of moon was 249,426 miles or 401,652 km

Radius of the earth was approx 4,000 mi,

Radius of the moon was approx 1,000 mi.

18 Nov 67

FTD WORK ORDER

Date Issued 22 Aug 68

1. Description of Work: (Include title of unscheduled tasks.)

Reference photo analysis rpt 21 Jun 68, 68-27, on six Polaroid photographs of an unidentified flying object photographed at Covington, Indiana.

Does the information as submitted by J F Villiams of the Baltsesian Optical Meteor Project affect the original analysis in any way? Should the image of the moon be about as large as on the original "moon" shot. (The American Ephemeris and Nautical Almanac gives the date, hour, and minute of exact full moon as 17 Nov 67, 2:33 hr and 10 July 1968, 0318 hr). Is it as large as it should be? Do you still feel that the moon photo as originally given to you is too sharp to have been produced with Mr Doss's camera.

Request all material be returned upon completion of analysis.

-FROM-

2. FTD W.O. No. 6 8 1 6 2 1 3

3. Monitor
Lt Col Watanabe

4. Phones
785/76[illegible]

5. DIA Task No.
T65-01-[illegible]

6. DIA Priority
6A

7. Date Needed
13 Dec 68

8. Consequence Code
A

9. Classification of Sources

10. Classification of End Product

11. PPTD or Dep Sig.

-TO-

12. Div./Dir. Symbol
IDDP

13. M-H Estimate
16

14. Monitor
DAVIS

15. Phones

16. Div. Precedence

17. Div. Chief/Dir. Sig.

18. Div. Chiefs Instructions/Modification or Expansion of Work Description

68-67

29 Aug 68

FORM FTD JAN 67 13 [illegible] of this form is obsolete.

Copy No. 2 to Block 11

TDPTR/Sgt Kist

Request surface observations for Convington,
Indiana, 18 November 1967 at 2200 hours and 2300 hours
CST.

15 Aug 68

TDPT(UFO) Lt Marano

70916

SURFACE OBSERVATION DATA SHEET

Covington, Indiana - November 18, 1967

1900L 32812 74022 18803 ***** 52***
2000L MISSING
2100L 22706 7401* 20002 25700 52110
2200L 22707 7402* 20401 ***** 52***
2300L 02908 74010 20901 ***** 52***
2400L 02705 74000 21401 00900 52314

Iowa City, Iowa - July 28, 1968

2000L 33506 7402* 21221 ***** 12***
2100L 33004 7402* 21218 ***** 12***
2200L 82805 7402* 22316 ***** 11307
2300L 82205 7402* 22315 ***** 11***
2400L 82405 7402* 22315 ***** 11***

Pottstown, Pennsylvania - July 28, 1968

2000L 83108 7402* 11126 ***** 06310
2100L 83106 7402* 11622 ***** 07***
2200L 82705 7402* 12720 ***** 08***
2300L 82903 7402* 13619 ***** 08325
2400L 80000 7402* 14919 ***** 09***

Tucson, Arizona - August 10, 1968

1800L 81810 89029 12825 19762 18632 70420
1900L *1804 9902* 13326 ***** 16***
2000L *2304 9902* 13225 ***** 17***
2100L 30303 9902* 13624 ***** 18308
2200L 81204 9802* 14023 ***** 18***
2300L 81404 9802* 14022 ***** 18***

ETAC Surface History Files

MEMO FOR THE RECORD 9 Aug 68

Subj: UFO Sighting, 18 Nov 67, Covington, Indiana

[redacted] sighting was shown to Capt Shelly, SAFOICC on 7 Aug 68. Capt Shelly stated that the sighting really didn't fall under his domain yet, but read the case so as to be familiar with it in case there were any congressional inquiries.

CARMON L MARANO, 2d Lt, USAF
TDPT (UFO)

Case
18 Nov
67

SAF-OICC/Miss Turnure/76526/May 3, 1968

Major Knauss
SAFLL

1. Attached draft responds to letter from Rep. Myers of Indiana, who wrote directly to Lt Col Stiles concerning a constituent, [redacted] of Covington, Indiana, who says that he has taken pictures of a UFO.

2. SAF-OICC action officer is Miss Jo Turnure, Ext. 76526.

DAVID B. O'HARA, Colonel, USAF
Chief, Community Relations Div,
Office of Information

SAF-OICC

3 May 68

75117

✓ Coord Cy - SAF-OICC
Stayback

SAF-OICC/Miss Turnure/76526/May 3, 1968

D R A F T

Dear [redacted]:

This will reply to your letter of April 30, 1968, to Lt Col Stiles in behalf of [redacted] of Covington, Indiana, who has some pictures of unidentified flying objects (UFO's) that he wants to present to Lt. Marano.

Lt. Marano has contacted [redacted] and is making the necessary arrangements for a visit b[redacted] to Wright-Patterson Air Force Base for the desired conference.

We trust this information will be helpful.

Sincerely,

Honorable John Myers
House of Representatives

Coord Cy - SAF-OICC
Cmbk Cy - SAF-OIC
Activity Cy - SAF-OIC
Reader Cy - SAF-OI
Stayback

SAF-OICC
Shelby 6 May

JOHN T. MYERS,
7TH DISTRICT, INDIANA

HOME ADDRESS:
921 SECOND STREET
COVINGTON, INDIANA 47932

7TH DISTRICT OFFICE:
203 FEDERAL BUILDING
TERRE HAUTE, INDIANA 47808
TELEPHONE: 812-232-1652

Congress of the United States
House of Representatives
Washington, D.C.

COMMITTEES:
AGRICULTURE
GOVERNMENT OPERATIONS

WASHINGTON OFFICE:
1238 HOUSE OFFICE BUILDING 20515
TELEPHONE: 202-225-5005

April 30, 1968

Lt. Colonel David L. Stiles
SAFOI
Room 4A120, Pentagon
Washington D. C. 20330

Dear Colonel Stiles:

This letter has reference to [redacted] Covington, Indiana, who would like to share with the Air Force pictures he has made of a UFO sighted in his area.

[redacted] would like to have permission to meet with Lt. Marano, TDPT, UFO, Aerial Phenomenon Office, Wright Patterson Air Force Base, Dayton, Ohio, in order that he may personally present his photographs.

It would be very much appreciated if you could make appropriate contact to ensure tha[redacted]ill be able to see Lt. Marano, personally, when he makes the trip to Dayton.

My thanks for this service.

Sincerely,

John Myers

John Myers

dj

SMITHSONIAN INSTITUTION
ASTROPHYSICAL OBSERVATORY
60 GARDEN STREET CAMBRIDGE, MASSACHUSETTS 02138

July 25, 1968

Optical Meteor Project
P. O. Box 294
Urbana, Illinois 61801

Hector Quintanilla, Jr., Lt. Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Wright-Patterson Air Force Base, Ohio 45433

Dear Col. Quintanilla:

[redacted]s of Covington, Indiana, has asked me to confirm that his Polaroid "Swinger" Model 20 camera (serial no. HB 7431A) is capable of clearly imaging the full moon. I agreed to supervise the exposing of a series of prints to confirm that his images are in reality the moon.

On the morning of 12 July 1968, [redacted] and I loaded his camera with a new roll of type 20 high speed polaroid film and fixed the camera to a movable tripod. Seeing and sky conditions were poor, with only second magnitude stars visible. The tripod was leveled and oriented in azimuth (± 5 degrees). A series of four prints were exposed with the 7/8 moon and a nearby street light in the field. Multiple exposures were use in prints 3 and 4 to offset for poor sky conditions.

I am enclosing the four prints showing the moon at various density levels. It is my opinion that [redacted] camera is capable of producing an image as dense as his 18 November 1967 "Moon" print.

I trust these prints will be of some use to you in studying his report.

Very truly yours,

[redacted]
Project Manager

JTW:cmw
Enclosures: 4 prints

FILM
NOV. 18. 1967
COVINGTON, INDIANA
OBSERVER: DOSS
FILE # 1003785
IN CUSTODY OF AUDIO-VISUAL DIVISION

1975

MEMO FOR THE RECORD 8 July 1968

Subj: UFO Photo, 18 November 1967

Accepted a collect call from [redacted] of Covington, Indiana. Mr [redacted] said that his camera was capable of producing a sharp image of the moon that is 1.08 millimeters in diameter and that some people from the Smithsonian were coming out to his house to prove it. Colonel Quintanilla said that if the people from the Smithsonian would write and state that the camera was capable of producing such an image of the moon, he would re-submitt the information to the photo-analysis section.

MEMO FOR THE RECORD 25 June 1968

Subj: UFO Sighting of 18 November 1967 Covington, Indiana.

Reference: Telephone coversation of 25 June between Dr. Craig, University of Colorado, and Lt Marano.

Dr Craig said that the image on the video tape that was submitted by Capt Arrington had been identified by the image orthicron people as being caused by a bright fireball.

18 Nov. 67

TDPT (UFO) Lt Col Quintanilla/70916/mhs/28 Jun 68

UFO Photographs, 18 November 1967

[redacted]
Convington, Indiana 47932

1. Reference your unidentified flying object photographs of 18 November 1967 which you submitted to the Air Force for analysis. Photo analysis has been accomplished on your six Polaroid "Swinger" photographs to determine the identity of the imaged "unidentified objects," with the following results.

a. Initial review of the referenced photography revealed that an "unidentified object" was imaged as a spot of light on each of four prints designated by source as #0, #2, #4, and #5. Source stated that he attempted to photograph one large and about 12 to 15 smaller objects. The larger object appears on all four prints; however, only one small object was imaged (print #4). One of the remaining two photographs was labeled "moon" and the other "star"; the exposures were made by source in an attempt to image the moon and a star to compare their brilliance, size and composition to that of the "unidentified objects."

b. An attempt was made to duplicate the star and moon photography with an identical camera and film. On a night of unlimited visibility a single star or group of stars could not be photographed. A full moon produced only a slight photographic impression. The spot on the "moon" photo has very sharp edges and a total lack of density like that of a processing aberation. Furthermore, if the full moon could have been clearly imaged this camera system could not have produced an image diameter larger than .810 millimeters. The diameter of the photographic image measures 1.08 millimeters. The size and appearance of the spot on the "star" print indicate that this image could possibly be that of the moon.

c. Source stated that the color of the objects revolved from red to blue. In all four photographs the object must have been in a blue mode because the film used is "blind" above 650 millimicrons.

TDPT (UFO) OFFICIAL FILE COPY

d. A thin black "shell" encompasses the object on three of the four prints, and this "shell" is most probably a halo which is a normal effect when photographing a point source of light. On the fourth print (print #2) the object appears to be blurred which could have resulted from camera vibration.

e. The size of the objects could not be determined because the distance to the objects is unknown.

2. There is no indication that the images represent anything of an extraterrestrial origin.

HECTOR QUINTANILLA, Jr, Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
Six (6) Swinger Polaroid Photographs, Polaroid Film 20 serial number F73409. Picture labeled #0 in front has number torn off backing. Other five (5) photographs are labeled on back as 2, 3, 4, 5, and 6.

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

COVINGTON, IN
PM
JUL 3
1968
47932

POSTMARK OF DELIVERING OFFICE

INSTRUCTIONS: Fill in items below and complete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEIPT REQUESTED.

RETURN TO

POD Form 3811 Jan. 1958

REGISTERED NO.	NAME OF SENDER
664275	TDPT (UFO) Lt Col Quintanilla
CERTIFIED NO.	STREET AND NO. OR P. O. BOX
	Aerial Phenomena Office
INSURED NO.	CITY, ZONE AND STATE
	Wright-Patterson AFB, Ohio 45433

C55—16—71548-4

Aerospace Technologies Division
Production Directorate

Photographs, Polaroid Film
20 serial number F73409.
Picture labeled #0 in front
has number torn off backing.
Other five (5) photographs
are labeled on back as 2, 3,
4, 5, and 6.

2

m

#1-INSTRUCTIONS TO DELIVERING EMPLOYEE

☒ Deliver ONLY to addressee ☐ Show address where delivered

(Additional charges required for these services)

RETURN RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

[redacted]

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

Deliver to addressee only

DATE DELIVERED	ADDRESS WHERE DELIVERED (only if requested in item #1)
7-3-68	

C55—16—71545-4 GPO

PHOTO ANALYSIS REPORT

NR 68-27

DATE OF REPORT 21 June 1968

SUBJECT UNIDENTIFIED FLYING OBJECT

LOCATION Covington, Indiana DATE 18 November 1967

PHOTOGRAPHY

AF _____ IR _____ QUALITY Poor

P NRS Six Polaroid "Swinger" prints

1. PURPOSE: This report is in reply to Work Order Number 68-44, submitted by Lieutenant Colonel Quintanilla, requesting photo analysis be accomplished on six Polaroid "Swinger" photographs to determine the identity of the imaged "unidentified objects".

2. ANALYSIS:

a. Initial review of the referenced photography revealed that an "unidentified object" was imaged as a spot of light on each of four prints designated by source as #0, #2, #4 and #5. Source stated that he attempted to photograph one large and about 12 to 15 smaller objects. The larger object appears on all four prints; however, only one small object was imaged (print #4). One of the remaining two photographs was labeled "moon" and the other "star"; the exposures were made by source in an attempt to image the moon and a star to compare their brillance, size and composition to that of the "unidentified objects".

b. An attempt was made to duplicate the star and moon photography with an identical camera and film. On a night of unlimited visibility a single star or group of stars could not be photographed. A full moon produced only a slight photographic impression. The spot on the "moon" photo has very sharp edges and a total lack of density like that of a processing aberration. Furthermore, if the full moon could have been clearly imaged this camera system could not have produced an image diameter larger than .810 millimeters. The diameter of the photographic image measures 1.08 millimeters. The size and appearance of the spot on the "star" print indicate that this image could possibly be that of the moon.

c. Source stated that the color of the objects revolved from red to blue. In all four photographs the object must have been in a blue mode because the film used is "blind" above 650 millimicrons.

d. A thin black "shell" encompasses the object on three of the four prints, and this "shell" is most probably a halo which is a normal effect when photographing a point source of light. On the fourth print (print #2) the object appears to be blurred which could have resulted from camera vibration.

e. The size of the objects could not be determined because the distance to the objects is unknown.

4. Although the photography appears to be authentic and the objects appear to be genuine light sources, the identity of the light sources could not be established from the available evidence.

PHOTO ANALYSIS BY:

Paul D. Gilles
PAUL D. GILLES
Intelligence Research Specialist

James R Schmidt
for THOMAS E. DAVIS
Intelligence Research Specialist

Larry W. Guenther
LARRY W. GUENTHER
Photographer (Scientific-Technical)

APPROVED BY:

Burton E. Hultz
BURTON E. HULTZ
Chief, Photo Analysis Branch

Wilber Price Jr
WILBER PRICE, JR.
Chief, Photo Exploitation Division

FROM: *(Activity transferring documents)*

[redacted]
Covington, Indiana

DOCUMENT

DATE	PACKAGE NUMBER	CONTROL NUMBER	SUSPENSE DATE
6 May 1968			
CLASSIFICATION	FILE DESIGNATION		
UNCLASSIFIED			

TO:
TDPT(UFO)
AERIAL PHENOMENA OFFICE
WRIGHT-PATTERSON AFB, OHIO 45433

DATE DISPATCHED

INTERNAL ROUTING

TO	DATE	TO	DATE
1.		4.	
2.		5.	
3.		6.	

DESCRIPTION OF DOCUMENT (S) *(Indicate type (letter, indorsement, etc.) and the number of copies; subject, short title if classified; number of indorsements and inclosures, and any other identifying data. Changes in the description (additions, withdrawals, etc.) will be shown with the date and initials of individual making entry.)*

Six (6) Swinger Polaroid Photographs for 18 November 1967 UFO observation. Polaroid Film 20 serial number F73409. Picture labeled #0 in front has number torn off backing. Other five (5) photographs are labeled on back as 2, 3, 4, 5, and 6. END OF ITEMS.

THE ABOVE LISTED PHOTOGRAPHS WILL BE RETURNED TO MR. DOSS IN SIX (6) WEEKS.

DOCUMENT RECEIPT

Recipient will FIRST DETACH TOP COPY, then complete, and return to sender.

RECEIVING OFFICE	TYPED OR PRINTED NAME, GRADE AND TITLE OF RECEIVER	SIGNATURE	DATE RECEIVED
TDPT(UFO)	HECTOR QUINTANILLA, Jr, Lt Col, USAF Chief, Aerial Phenomena Office	Hector Quintanilla, Jr.	6 May 68

AF FORM 310 APR 62 PREVIOUS EDITION OF THIS FORM WILL BE USED UNTIL STOCK IS EXHAUSTED. DOCUMENT RECORD AND RECEIPT

18, Nov. 67

MEMO FOR THE RECORD 25 JUNE 1968

Subj: Conversation with [redacted], 25 June 1968

Mr. [redacted] alled the Aerial Phenomena Office, collect, and spoke with 2d Lt. Carmon L. Marano, regarding his Polaroid photographs that were to be returned to him (Mr. Doss) within six weeks. Lt. Marano told Mr. [redacted] that the photographs would be returned to him within one and one-half weeks. That Colonel (Quintanilla) had underestimated the time in which photographic analysis could return the photographs. [redacted] said that a man by the name of [redacted] from the Moon Space Probe, NASA, Houston, Texas had talked with him ([redacted]) in regards to his photographs. Also [redacted]s, a physicist from the University of Colorado had also spoken with him regarding these photographs. Mr[redacted] wanted to know if [redacted] and [redacted] were legitimate. Lt. Marano explained that [redacted] was working with the University of Colorado in an independent investigation into the study of UFOs, however, we knew nothing about [redacted] and we were not sponsoring him. Mr[redacted]aid that Mr.[redacted]was in complete agreement with him ([redacted] that he indeed was seeing things because he [redacted] had also observed the same thing. However, upon questioning, Mr[redacted]tated that Mr.[redacted]uld not tell what he had observed. Mr[redacted] said that The Smithsonian Institution, [redacted]as agreed to get him ([redacted]me cameras and equipment when he receives the analysis accomplished by the Air Force. Lt. Marano said he would return the photographs within 1 to 1½ weeks, however, before the

Aerial Phenomena Office can provide an evaluation we would need the three AF Forms 117 completed that Lt. Marano had given to [redacted] previously. [redacted] said he had filled them out but was awaiting the outcome on the photographic analysis. Lt. Marano said "before I analyze the case I need the AF Forms 117." He would, however, giv[redacted] the actual photographic analysis. Also the case is very old and I cannot really investigate the case. [redacted] said he would send in the forms. [redacted] said he was anxious to get the originals back in good condition for he had someone lined up to see the pictures to. Lt. Marano assured [redacted] that the photographs would be returned in good condition.

7-3745-344

This Case includes

FILM

IN Separate FOLDER

MEMO FOR THE RECORD 5 June 1968

Subj: UFO Photographs, 18 Nov 67, [redacted]s, Covington, Indiana

On 5 June 1968 SSgt Jones contacted the photographic analysis section regarding the status of [redacted] negatives of Covington, Indiana. The negatives had been forwarded to Photo Analysis on 7 May 68 and was due back on 4 Jun. Sgt Jones informed them of the congressional interest on this report. Sgt Jones was informed that they had a higher priority dealing with the Southeast Asia situation and they would get to [redacted] negatives upon its completion.

TDPT (UFO)

18 NOV 67

TDPT (UFO) Lt Col Quintanilla/70916/mhs/8 May 68

Video Tape, 35 mm

Mr. Proctor
Smithsonian Institute Meteorological Office
1101 East University Avenue
Urbana, Illinois 61803

1. Attached is a video tape that was forwarded to the Aerial Phenomena Office by Captain Arrington of Chanute AFB, Illinois. He indicated that the film was taken "on approximately 9 November 1967."

2. Captain Arrington used the video tape in conjunction with a UFO sighting of 18 November 1967 and stated that it contained two UFOs. We could not find anything on the film that we would define as a UFO. However, we made a duplicate of the film in the event any future questions might arise. Since no other information was provided and since the sighting is so old, we are returning the film to you without having made an investigation.

HECTOR QUINTANILLA, Jr, Lt Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

1 Atch
Video Tape, 35 mm

TDPT (UFO) OFFICIAL FILE COPY

FTD WORK ORDER

Date Issued 7 May 1968

1. Description of Work: (Include title of unscheduled tasks.)

Request photo analysis be accomplished on the attached Polaroid photographs (6) to determine what the unidentified flying objects may be.

18 November 1967, Covington, Indiana [redacted]

We realize that your office is quite busy at present, however, please try to expedite this case since there is congressional interest.

Request all material be returned upon completion of analysis.

-FROM-

2. FTD W.O. No.	6 8 1 0 2 1 2
3. Monitor	Lt Col Culpepper
4. Phones	TOP16/76678
5. DIA Task No.	t68-01-59
6. DIA Priority	6A
7. Date Needed	4 June 1968
8. Consequence Code	A
9. Classification of Sources	All source
10. Classification of End Product	unclassified
11. PPTD or Dep Sig.	

-TO-

12. Div./Dir. Symbol	TDDP
13. M-H Estimate	
14. Monitor	
15. Phones	
16. Div. Precedence	
17. Div. Chief/Dir. Sig.	

18. Div. Chiefs Instructions/Modification or Expansion of Work Description

FTD FORM [illegible] 12 Copy No. 2 to Block 2

MEMO FOR THE RECORD

SUBJ: UFO Photographs by [redacted]

Lt Marano called M[redacted]esidence on 1 May 1968, 1515 hours. He was at work, therefore, Lt Marano left a message askin[redacted] to contact Lt Marano collect with regards to coming to Dayton to turn over his UFO photographs.

On 2 May 1968 [redacted] returned Lt Marano's call. [redacted] would like to come to Dayton and see Lt Colonel Quintanilla with regards to his photographs and also ask him about some of the articles that have appeared in the various magazines on UFOs. [redacted]aid he has been seeing these UFOs for three summers now, the night before Christmas and throughout the the year. Some of them looked like aircraft lights but he couldn't hear anything so [redacted] thought they couldn't be aircraft lights. Mr. [redacted] wanted to come to Dayton on 6 May. Lt Marano explained that he was not sure whether the Colonel would be in then or not so we would leave a message with his wife on 3 May.

On 3 May 1968 Lt Marano informed [redacted]hat Lt Colonel Quintanilla would be in the office on the morning of 6 May 1968 and was expecting [redacted] visit.

On 6 May 1968 [redacted] visited the Aerial Phenomena Office and spoke with Lt Colonel Quintanilla and Lt Marano. He related his past sightings, which were quite vague. He has been seeing them for three years now and so are his neighbors. [redacted]rs not a member of NICAP or any other organization. However, on his own he has contacted different police departments and has read of the UFO reports they have received. [redacted]s tried to relate to

Lt Marano and Col Quintanilla all details of his sighting of 18 November 1967, however, do to the time lapse he said he couldn't remember that much. He said often times these objects ap pear low on the horizon and looked like stars but they kept moving and changing colors. They even done this when he put binoculars on them. [redacted] said he couldn't estimate ihs altitude since he had never been in an airplane, however, most of these objects were below what he called the star level. Sometimes he would watch the objects for several hours and other times it would be for just minutes. [redacted] said he knew what aircraft were because they are always coming out of Chanute and Bunker Hill and make a lot of noise, however, the objects he observed did not make any noise. Lt Marano asked [redacted] to give a description of the sighting. In particular, stressing the time that each photo was taken, the order of the photos and the azimuth and elevation of the UFO when each was taken. [redacted] was very vague on these particulars. It seemed from his description that [redacted] had several sightings that night. However, it was difficult to determine if the photos were taken of one sighting or during several sightings. Lt Marano gave [redacted] four AF Forms 117 and asked him to complete them so that we could better understand the sequence of events as they occurred that night. [redacted] said that he would complete and return these forms.

18 Nov 67

9 APR 1968

TDPT (UFO) Maj Quintanilla/70916/mhs/8 Apr 68

UFO Observation & Photographs, 18 November 1967

Mr. [redacted]
Covington, Indiana 47932

1. Reference your telephone conversation of 4 April 1968 with 2nd Lt Carmon Marano of this office, regarding your unidentified flying object (UFO) observations.

2. Inclosed is an AF Form 117 and a photographic data sheet that we would like you to complete on your observation of 18 November 1967. Please return these to us, along with your original Polaroid photographs. It would also be helpful if you would include your photographs of the moon and of the star that you made at the time of your sighting.

3. On pages 7 and 8 of AF Form 117 you will find room for any narrative of the sighting and any other facts you feel pertinent. Of particular interest to us, is your estimate of the height of the objects and if the objects passed in front of, or behind anything, at any time during your observation.

4. We realize that a major portion of the information requested is redundant to that which you have previously provided to Chanute, but please bear with us.

HECTOR QUINTANILLA, Jr, Major, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Production Directorate

2 Atchs
1. AF Form 117 w/envelope
2. Photo Data Sheet

TDPT (UFO) OFFICIAL FILE CY

MEMO FOR THE RECORD 4 April 1968

Subj: UFO Observation, 18 Nov 67

Mr [redacted] of Covington, Indiana, area c[redacted] alled on 4 April 1967 regarding his photographs of an unidentified object. Also a person that lives approximately 20 miles from [redacted] had taken pictures of an unidentified object and wanted to know if he should send them to Wright-Patterson AFB or to Chanute or to Grissom. Lt Marano informed [redacted] that the report should be made to the nearest Air Force Base. He said this guy was from Marshall, Illinois and took the pictures a couple of weeks ago , 2 February 1968. [redacted] said he has been seeing these things quite freq uently now, also saw them last December and he has checked and none of the radars have picked them put because Major Nichols at Chanute said there radar couldn't pick them up. On the 22nd of December [redacted] said he had a very close sighting and made a drawing of it. [redacted] wanted to know how we were doing on the photo analysis of his pictures. Lt Marano informed [redacted] that we couldn't perform a photo analysis with the vague data that Capt Arrington had provided. [redacted] said he sat in Arrington's house in the living room for several hours he also filled out a bunch of forms at Chanute. Lt Marano also informed [redacted] that we would need the original Polaroid Prints to perform such an analysis. [redacted] said he would give them to us if he would get them back. Lt Marano said he would return the pictures to [redacted] however, the analysis would take several months to run. [redacted] said he felt that six months would be a reasonable length of time in which to perform ananalysis. Lt Marano said he felt that the analysis could probably be done in that length of time and at the completion we would inform him of our findings. [redacted] said that if he didn't get them back within or at the end of six months he would write his congressman

that lives in his home town. [redacted] also said he wanted to come and look at our office. Lt Marano informed [redacted] that this permission would have to come from Washington and was ordinarily limited to scientific researchers and the news media. [redacted] said he thought maybe he would ask his congressman about it. Lt Marano told [redacted] that he could send his request to Hq USAF (SAFOICC) Lt Col Stiles, Washington, D C 20330. This seemed to satisfy [redacted] told Lt Marano that this will be the third summer that he has been seeing these things. Didn't see them before that though and now all of a sudden them come over quite often. Lt Marano asked [redacted] if he would complete some forms and send his photographs in. [redacted] replied that he would.

March 11, 1968
Corrington, Ind.

Major Quintanilla:

Major Nichols of Chanute Air Force Base told me that pictures of my UFO sightings were at Wright-Patterson now.

I would like information on how I could obtain an analysis of my pictures.

Yours truly,

[redacted]

Corrington, Ind.
47932

Received 13 Mar 68 in UFO office

Univ of Colo

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS CHANUTE TECHNICAL TRAINING CENTER (ATC)
CHANUTE AIR FORCE BASE, ILLINOIS 61866

REPLY TO ATTN OF: XPO

28 February 1968

SUBJECT: UFO Sighting

TO: FTD (TDETR)
Wright-Patterson AFB, Ohio 45433

1. The attached report of UFO sighting and investigation is submitted in accordance with AFR 80-17.

2. The excessive amount of time between initial sighting and report submission, is due to the extensive investigation required, and PCS transfer of the original officer assigned to investigate.

3. Dr. [redacted] University of Colorado, has requested that he be furnished one copy of this report, which is attached for forwarding.

John H. Nichols

JOHN H. NICHOLS, Major, USAF
Chief, Operations Division

1 Atch
UFO Sighting Report [redacted]

PHOTO ANALYSIS REPORT

NR 69-25

DATE OF REPORT 10 December 1969

SUBJECT MOON PHOTOGRAPHY

LOCATION Covington, Indiana DATE 18 November 1967

PHOTOGRAPHY

AF _____ IR _____ QUALITY Poor

P NRS Four Polaroid Prints and six copies of Polaroid Originals

1. PURPOSE: This report is in reply to Work Order Number 68-67, submitted by Lieutenant Colonel Quintanilla requesting analysis of six photographs purported to show a UFO, taken 18 November, at Covington, Indiana. This analysis is a follow-on to the analysis previously completed in Work Order Number 68-44 (PAR 68-27). Specific information requested by Lieutenant Colonel Quintanilla is as follows.

a. Does the information submitted by [redacted] of the Smithsonian Optical Meteor Project concerning the sources photography, affect the original analysis in any way?

b. Should the image of the moon be about as large as on the original "Moon shot"?

c. Does the image of the moon appear as large as it should be?

d. Do we still feel that the moon photo as originally given to us is too sharp to have been produced with [redacted] camera?

e. Included with the work request are six copy photos of the polaroid prints originally submitted by the source, and four polaroid swinger original prints submitted by Mr. [redacted], for confirmation of the capability of the source's camera.

2. ANALYSIS: Since [redacted] original polaroid prints are not included in the material with the report, a direct comparison of the two moon images could not be made at this time.

a. The information provided by [redacted] does not affect the original analysis made of the photography in photo analysis report number 68-27, which stated that the moon image was a "slight photographic impression". The single exposures on photos 1, 2, 3A, 3E, 3F, 4A, and 4E made by Mr. [redacted] support the "slight photographic imagery" statement. Not until photo 3D is reached is there any imagery which even approaches the imagery of the copy prints included with the report.

b. Since the original polaroid photos were not included, a moon image size comparison could not be made between the sources photos' and Mr. [redacted] photos.

THE FOLLOWING WAS FORWARDED TO THE UNIVERSITY OF COLORADO ON 5 APRIL 1968

0430Z 24 March 1968	Atlantic (MERINT REPORT)
18 Nov 67	Covington, Indiana ([redacted])
9 Feb 63 (Previously listed as 8 Feb)	Groveton, Missouri ([redacted]) Ltr fm Dr. Hynek re his eval

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS CHANUTE TECHNICAL TRAINING CENTER (ATC)
CHANUTE AIR FORCE BASE, ILLINOIS 61866

REPLY TO ATTN OF: XPO/Capt Donald R. Arrington/3527

SUBJECT: UFO Sighting

TO:
FTD (TDETR)
Wright Patterson AFB, Ohio 45433

1. On the night of 18 Nov 1967, at approximately 10:30 p.m. local time, Mr [redacted] and his wife were preparing for bed. Since they care for an elderly couple living next door, [redacted] walked outside to look around the back yard of their house lot and the rear of the home of the couple. While outside [redacted] was attracted to the sky since it was so clear. While looking into the sky in the southeastern direction, she saw a "formation" of moving lights. As she watched the first "formation" pass across the sky from SE to NW her attention fell to a second "formation" following the first. The time was between 10:30 - 10:40. She went inside and told her husband what she had seen. They both went outside. By this time, the second "formation" had passed into the NW quadrant. Still a third "formation" was seen coming from the SE. [redacted] went inside for their Polaroid Swinger camera at the request of her husband "because he wanted to see if the objects would 'show up' on the film". He took four pictures in succession before the "formation" had passed out of sight. Time lapse approximately 10 minutes (10:40 - 10:52). By passing out of sight, the "formations" did not disappear over the horizon. They became invisible due to the distance away from the observer. For size, brilliance and composition, comparison, [redacted] also took a shot of the moon and a star. After the appropriate time lapse, Mr [redacted] removed the backing from the film. Only the larger object on two shots and two objects on the other two shots showed up even though numerous small objects followed each larger one. The shot of the star is very hazy; that of the moon is very distinct. The appearance of the objects is clear but not as distinct as the moon. They are definitely clearer and more distinct than the star. The film backing was kept 2-3 days then disposed of in the trash. During the observations, a larger object led each "formation" observed. It was followed by several (exact number not known), but believed to be approximately twelve (12); could have been as many as fifteen (15) smaller objects in "diamond formation".

2. The flight path appeared straight, the objects going from SE to NW. There was no noise heard. The lead object did not change positions, altitude or laterally, and the "diamond formation" maintained its integrity throughout the observation. No hovering or apparent speed changes were

noticed. The lead object was much more brilliant than the smaller objects. Its color was not a solid appearing color but a "faded"red and blue hue which seemed to intermittently revolve. The smaller objects were less brilliant and no color was observed. During the passing of the "formation" one of the smaller objects left the diamond formation, approached, and appeared to have entered the larger lead object. As the smaller approached the larger, the color disappeared, and the brilliance decayed. When the smaller object had fully disappeared inside, the brilliance once again increased to what appeared to be the original level and the colors reappeared.

3. When the film had developed, an aura as well as a "tail" appeared. Both Mr. and Mr[redacted]aid these were not visible to the naked eye.

4. All the objects appeared round, there was no trail or exhaust, no sound. The size could not be estimated other than being about the size of straight pin head held at arms length. The angle of the objects was about 45° from ground level. The azimuth observation was made through approximately 135°. The photos were made while the objects were in the SE quadrant. The star which was photographed was also in the SE quadrant. Based on 40° latitude, the moon was at 60-80° elevation in the SE quadrant.

5. The camera used was a model 20, Polaroid Swinger, with the focus setting at 20 feet. The film was regular high speed which is normally used in this type camera. No filters used, no tripod used.

6. [redacted]Covington, Indiana. Home telephone[redacted]ge-38; does not wear glasses. Civilian - former marine. Occupation - Truck driver, O'Neil Bros., Tilton, Ill. Education - high school. Technical knowledge - minimal and mechanical. Estimate of reliability - It is my belief that [redacted]is reliable, honest in his report of the information furnished and sincere. He has read books b[redacted]n UFO's and some other UFO magazines. However, he did not appear to be a "UFO Bug". He continuously emphasized the fact that he did not want to be involved in publicity and wanted anyone who talked with him to call prior to coming to his home. He seemed open minded and seemed to intentionally steer away from calling the observed objects "flying saucers". He did refer to the larger object as a "Mother Ship" because he lacked another word as description. He stated the reason he was turning the photographs over to the Air Force was because he would like to know, if possible, of what he had taken a picture. He said he took the pictures because what he had observed was unusual to him, particularly because of

a lack of noise, the formations, the brilliance and color of the larger object in each "formation". I personally believe this, at the present time, to be an honest sighting and not involving a hoax or publicity stunt.

7. Mrs. [redacted] seemed to be reliable. She has a high school education and is a housewife. She had discouraged her husband from showing the photos to anyone. This is the main reason for the delay in making the report to the Air Force.

8. The observers account of the weather is that it was very clear; only faint clouds were observable.

9. Forecast from Bunker Hill AFB, Ind.
Ceiling - at 1200 hrs 5000'; often clear.
Vis - 15+
Rel Hum - 76%
Dew Point - 26°
Temp - at 2300 hrs 33° ground level
at 50,000' - (-57°)
Clouds - Strato-cumulus West, North and East
Wind - Surface 8 kts at 270°
Vel at 50,000' - 65 kts at 310°
Pressure - 20.9
U.S. Weather at LaFayette, Indiana, reported same as above.

10. The first Aerospace Control Sq, Cheyenne Mtn, Colorado gave a negative report on debris, satelites reentering, and no tracking from SE to NW at that time and date.

11. SAC Hq was called and the 55th Command Post reported that no refueling took place in the "Buch-Arena" corridor during the date and time of the sighting. For information, they also advised that the St. Elmo Glow would not show brilliant enough to be seen from the ground.

12. NORAD, 31st Air Division, Selfridge AFB, Michigan, gave negative report on tracking.

13. The ANG TAC Organization at Baer Field, Ft Wayne, Indiana, reported negative on scrambles.

14. Bunker Hill AFB, Operations Officer, was contacted for radar and scrambling and reported negative.

15. Indianapolis Airport reported negative on aircraft in the area.

16. NORAD Control, Richards-Gebaur AFB, Mo., reported negative.

17. On 2 Jan 68, [redacted] was again contacted. He stated that Mr[redacted], Covington, Indiana, a neighbor, had told him he had seen similar objects on 18 Nov 1967. [redacted] has not been available for interview. The Montgomery County Police, Fountain County Police and the Indiana State Police at LaFayette, Indiana, were contacted to determine if other citizens may have observed the phenomenon reported by [redacted] All replies were negative. However, it should be noted that on other dates several reports of sightings in the area were made to the state police. Also, the LaFayette, Indiana State Police on 19 Nov 1967 at 0435L received a report from Janell Lucas, Pine Village, Indiana, of a red revolving light moving slowly to the south. The sighting was between Attica and Pine Village, Indiana. An interview with M[redacted] and M[redacted] of the Smithsonian Institute Meteorological Survey Office, 1101 E. University Ave., Urbana, Illinois, revealed that their research camera is pointed in the direction from Covington toward Decatur, Illinois, and is being used in conjunction with the Smithsonian radar meteor project near Decatur Long Beach Field Station, Havana, Illinois, to study meteors up to the 11th magnitude entering the atmosphere. They also stated that when unidentifiable objects appear they are submitted to NORAD for their use and identification. It is interesting to note that a video tape made during a scanning on approximately 9 Nov 1967, revealed two (2) unidentifiable objects. This information is included to point out that other photographed unidentifiable objects were in the area of about 44° latitude during the early part of November 1967. A film of this video tape was obtained and mailed to Wright-Patterson AFB for processing; however, it has not been returned.

Copy of Video Tape in Phy. Spec. Box.
Filed under 18 Nov. 67
Covington Ind. (Later ident. as Fireball See memo on same with Univ of Colo.)

Received
Reviewed
Forwarded
Answered

January 16, 1968
Covington, Indiana

Gentlemen:

I am writing in regard to the pictures which were sent from Wright-Patterson Air Force Base by Capt. Arrington. It have been informed that I can request the return of the originals at this time and also have an analysis of the pictures.

Yours truly,

[redacted]

P.S. Several answers to my questions were not answered satisfactorily in my opinion. I am very sorry about this.

[redacted]

[redacted]
Covington, Ind. 47932
ZIP CODE

COVINGTON IND
1958
JAN
16
8¢
U.S. AIR MAIL
47932

VIA AIR MAIL
CORREO AEREO
PAR AVION

Major Quintanilla
Wright Patterson A.F.B.
Project Blue Book
Dayton, Ohio

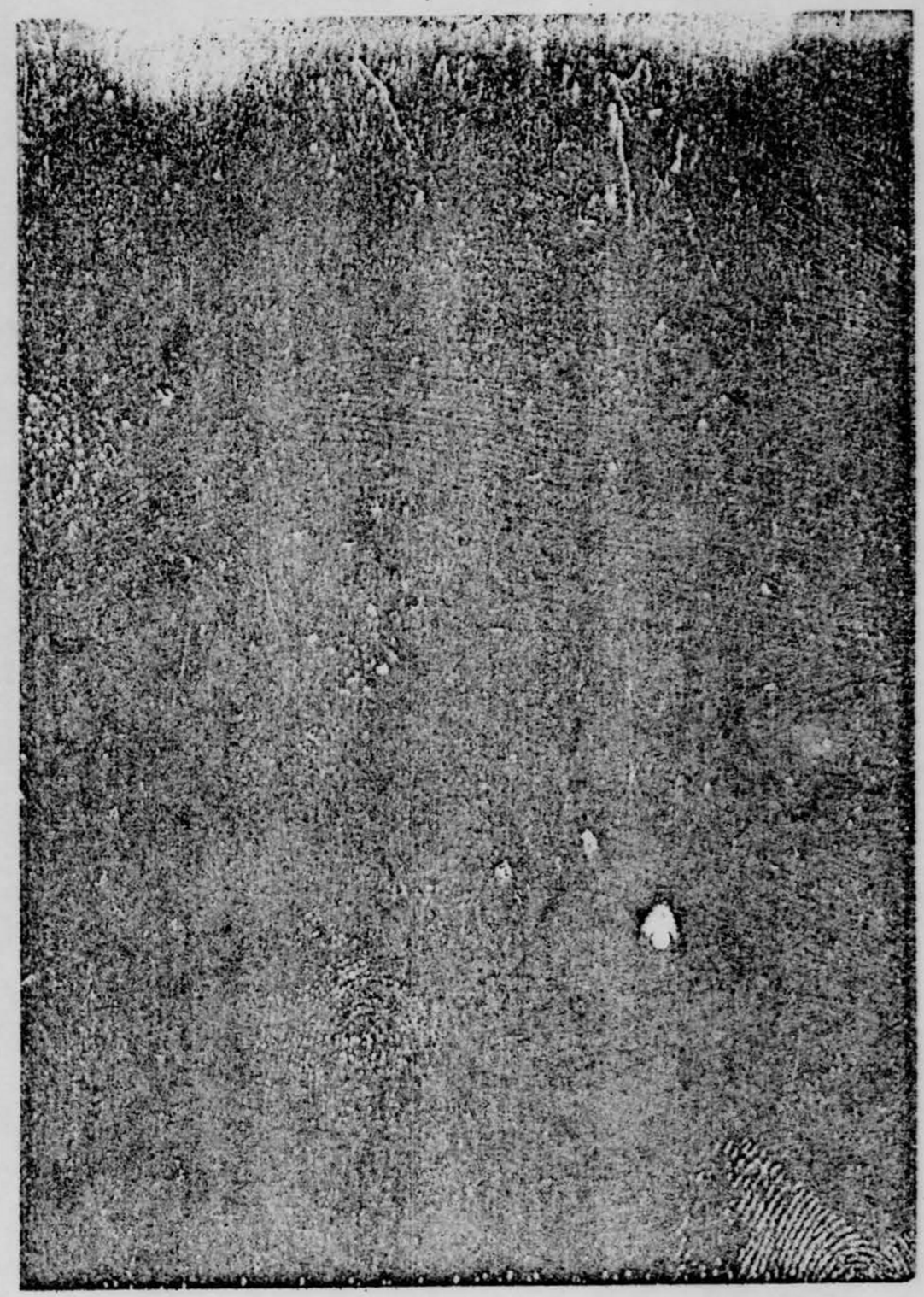
UFO

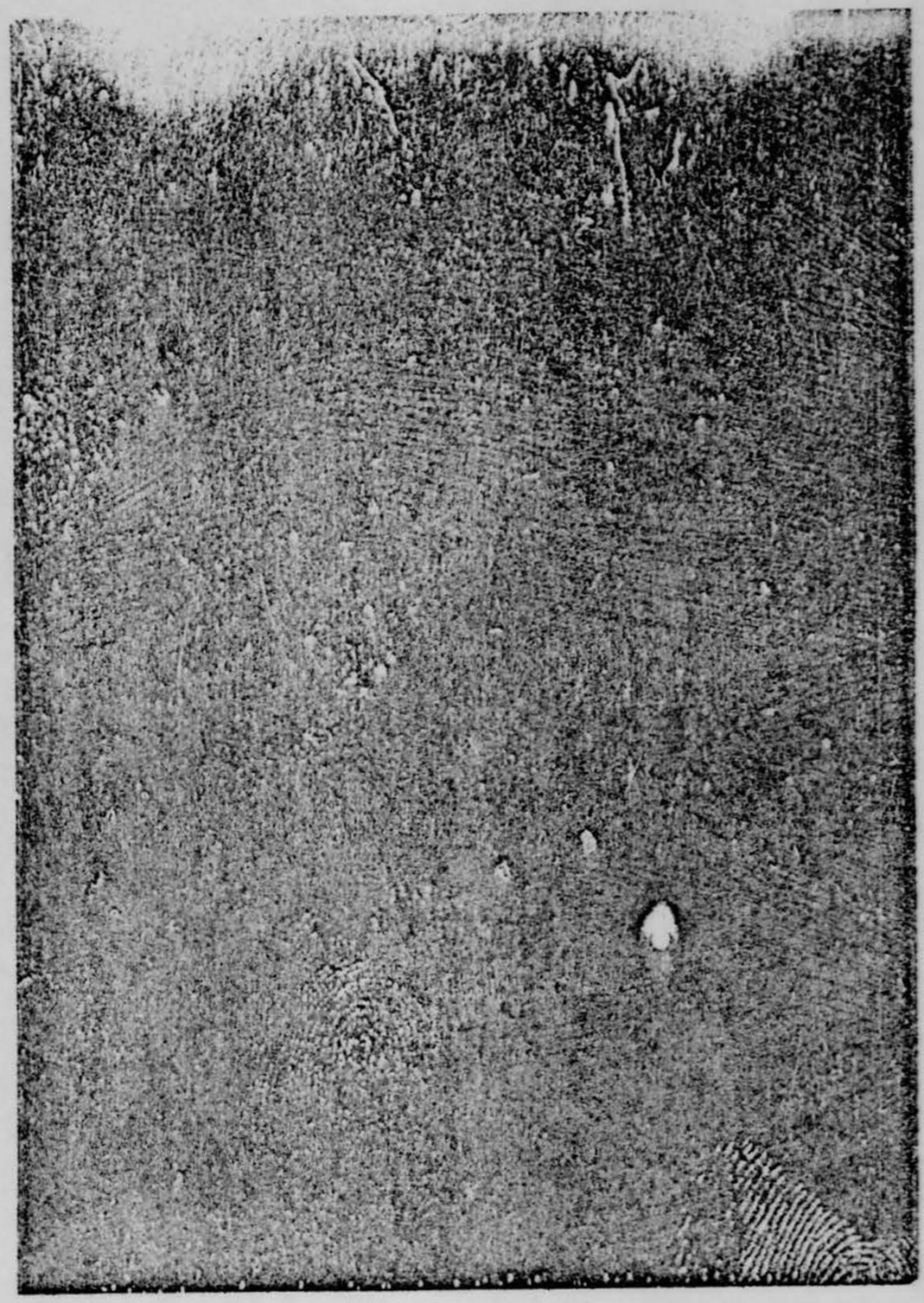
this case includes

eleven (11) 4 x 5 Negatives

thirty (30) 5 x 7 B & W Photos

Five (5) 8 x 10 B & W Photos





c. Polaroid data indicates that the focal length of the Swinger lens is 100 mm displaced + 4 mm from the infinity position. Using this data and the Earth-Moon distance (calculated from ephemeris data for 18 November 1967), it is mathematically impossible to derive a 1.08 mm diameter image of the moon (as believed possible by the source unless the Swinger focal length is increased in some way to approximately 110 mm. Photographic image growth would not account for the size increase of almost .25 mm.

d. Mr. [redacted] Moon photo (judging from the copy prints provided) appears much sharper than the photos submitted by Mr [redacted]

PHOTO ANALYSIS BY:

JOHN W. SUMMERFIELD
Intelligence Research Specialist

THOMAS E. DAVIS
Supervisory, Intelligence Research Specialist

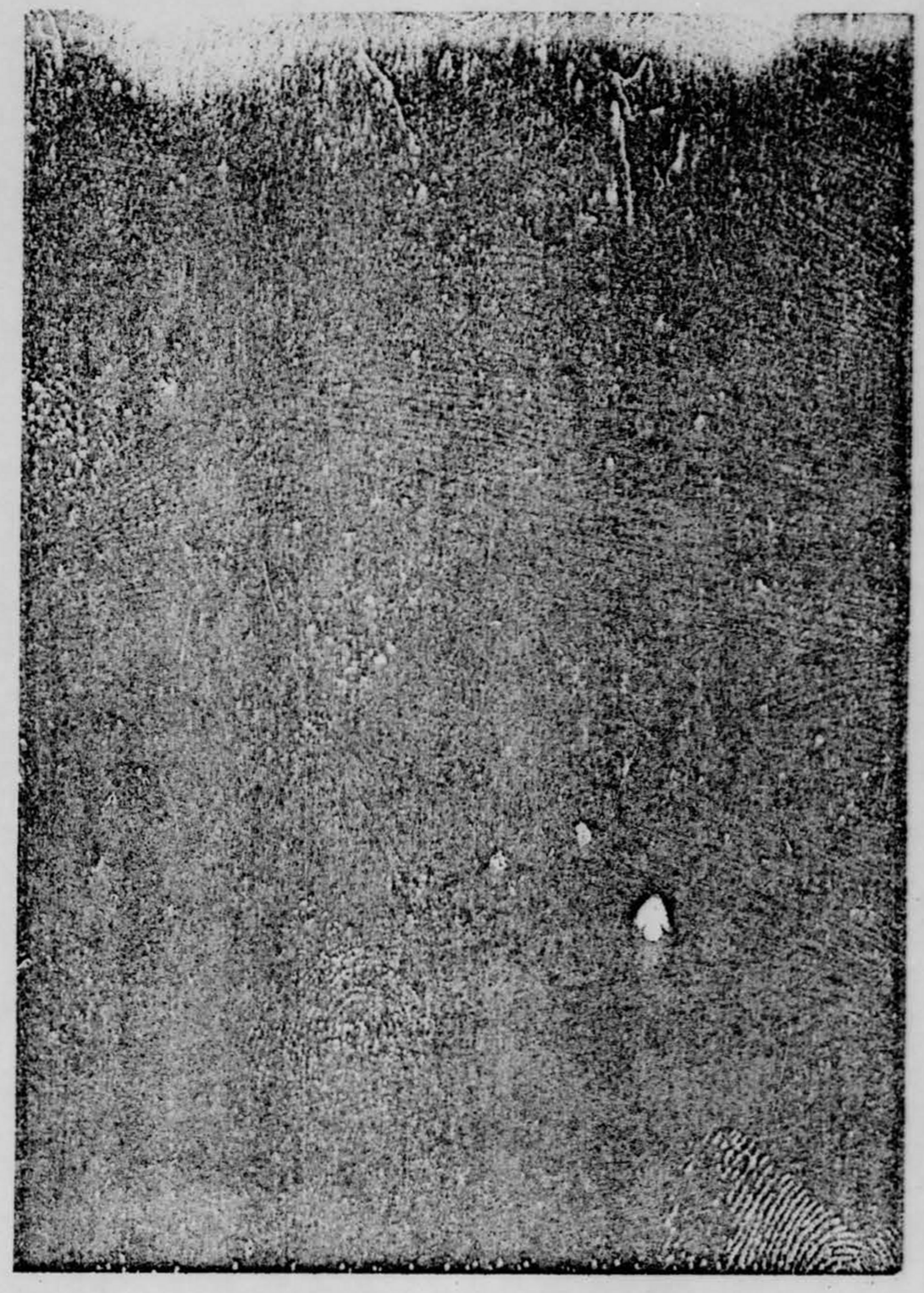
CHARLES E. CHAPIN
Photographic Technologist

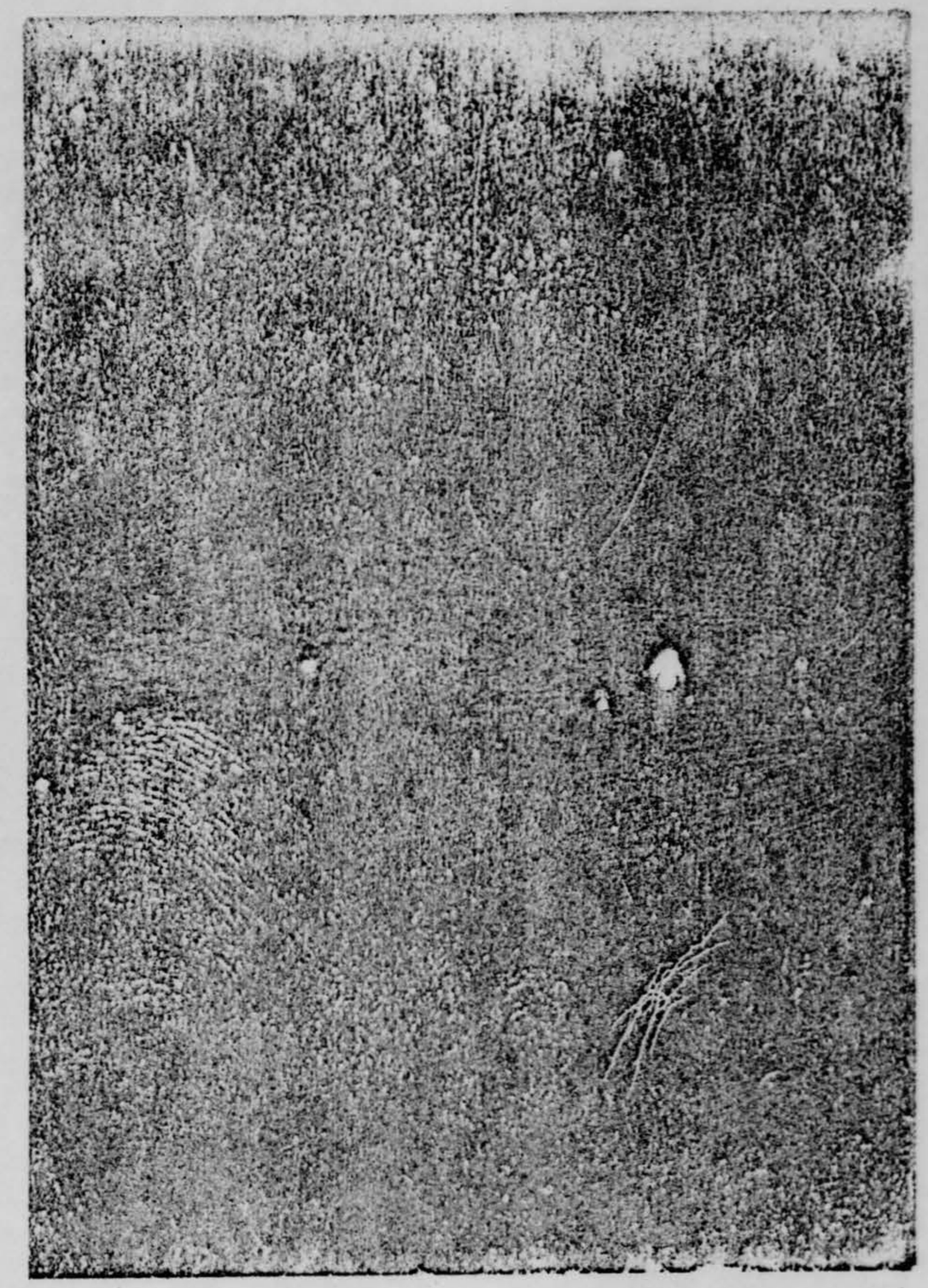
APPROVED BY:

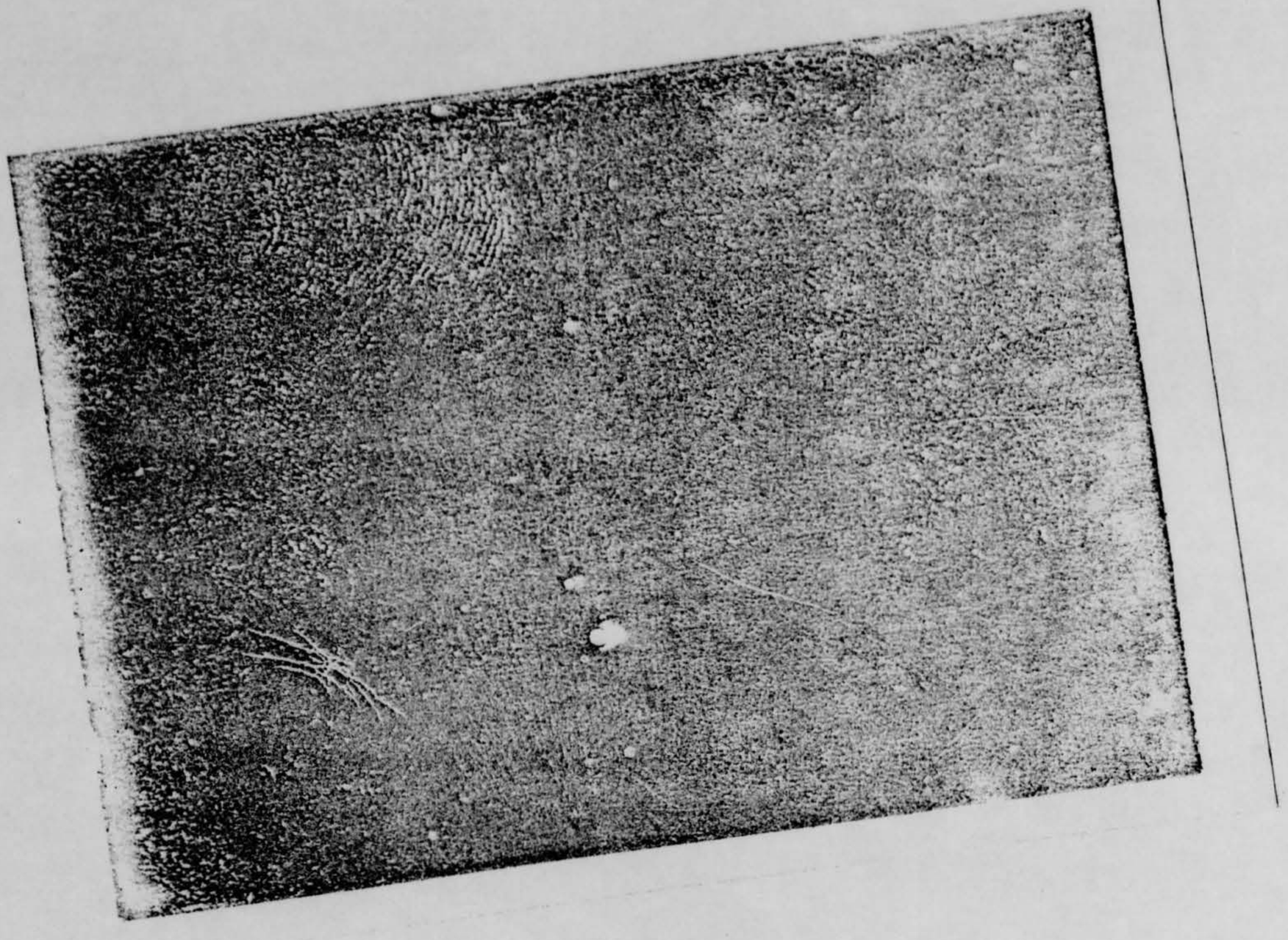
WILLIAM L. TURNER
Chief, Photo Analysis Branch

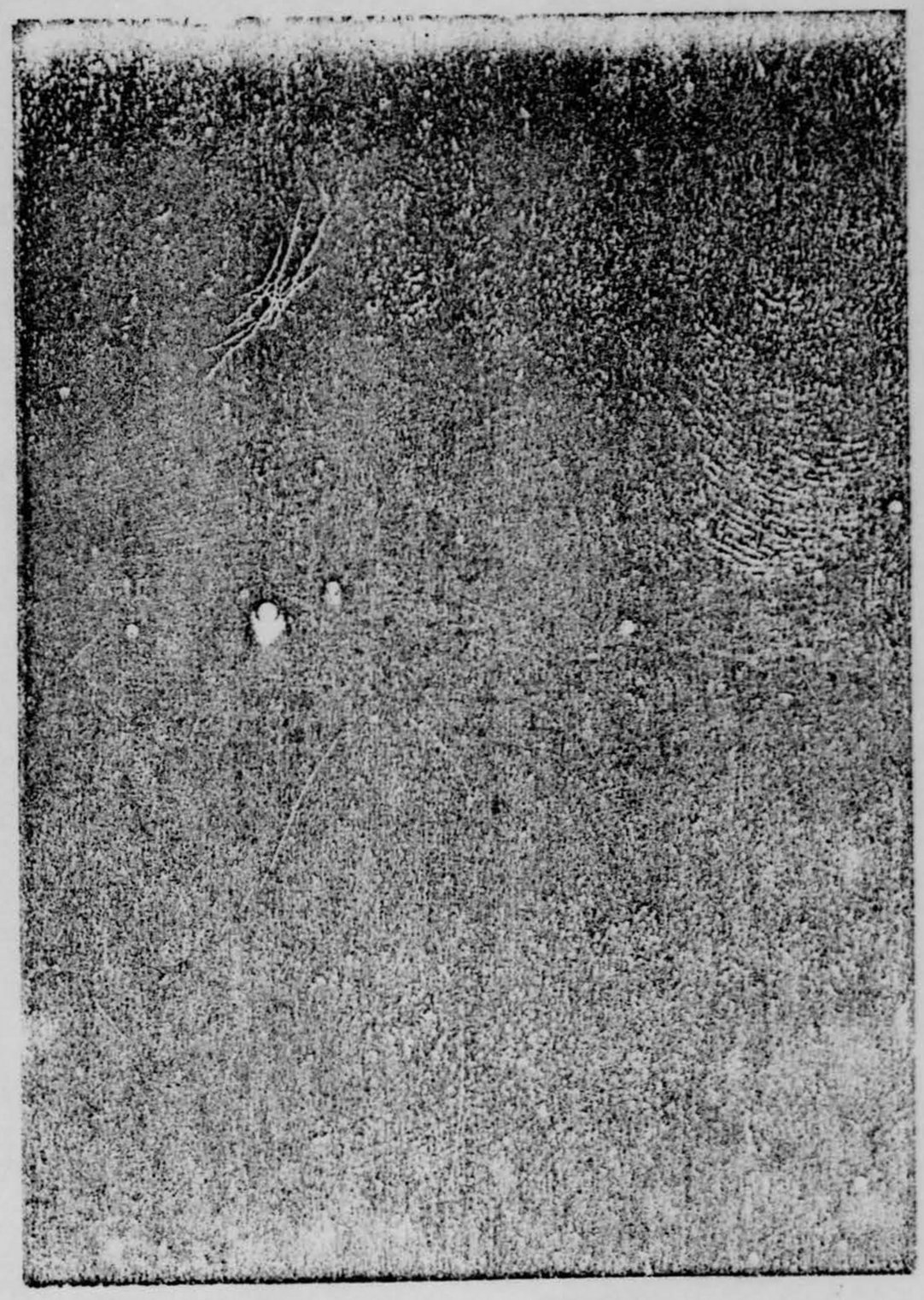
WILBER PRICE, JR.
Chief, Photo Exploitation Division

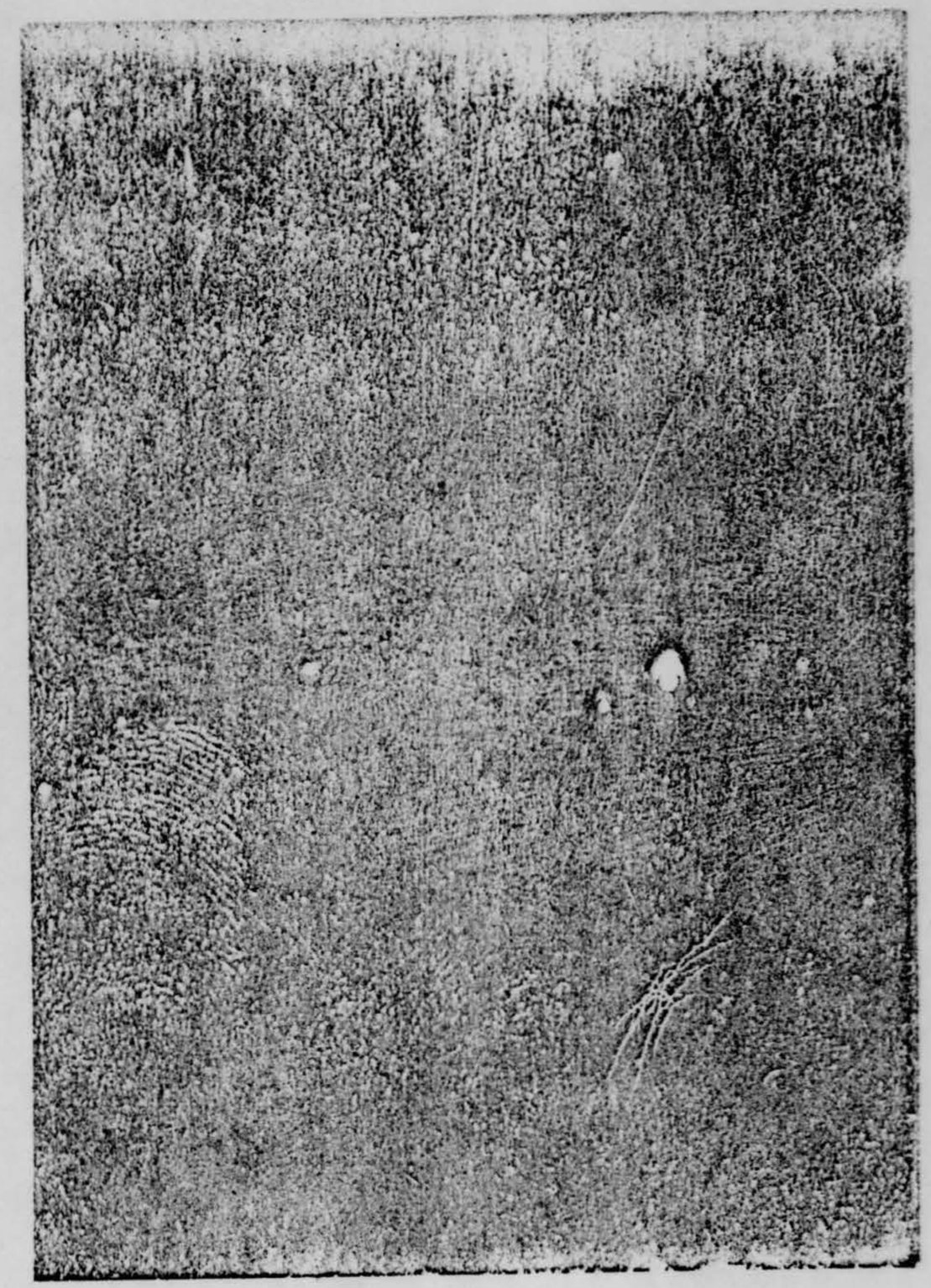
bjb

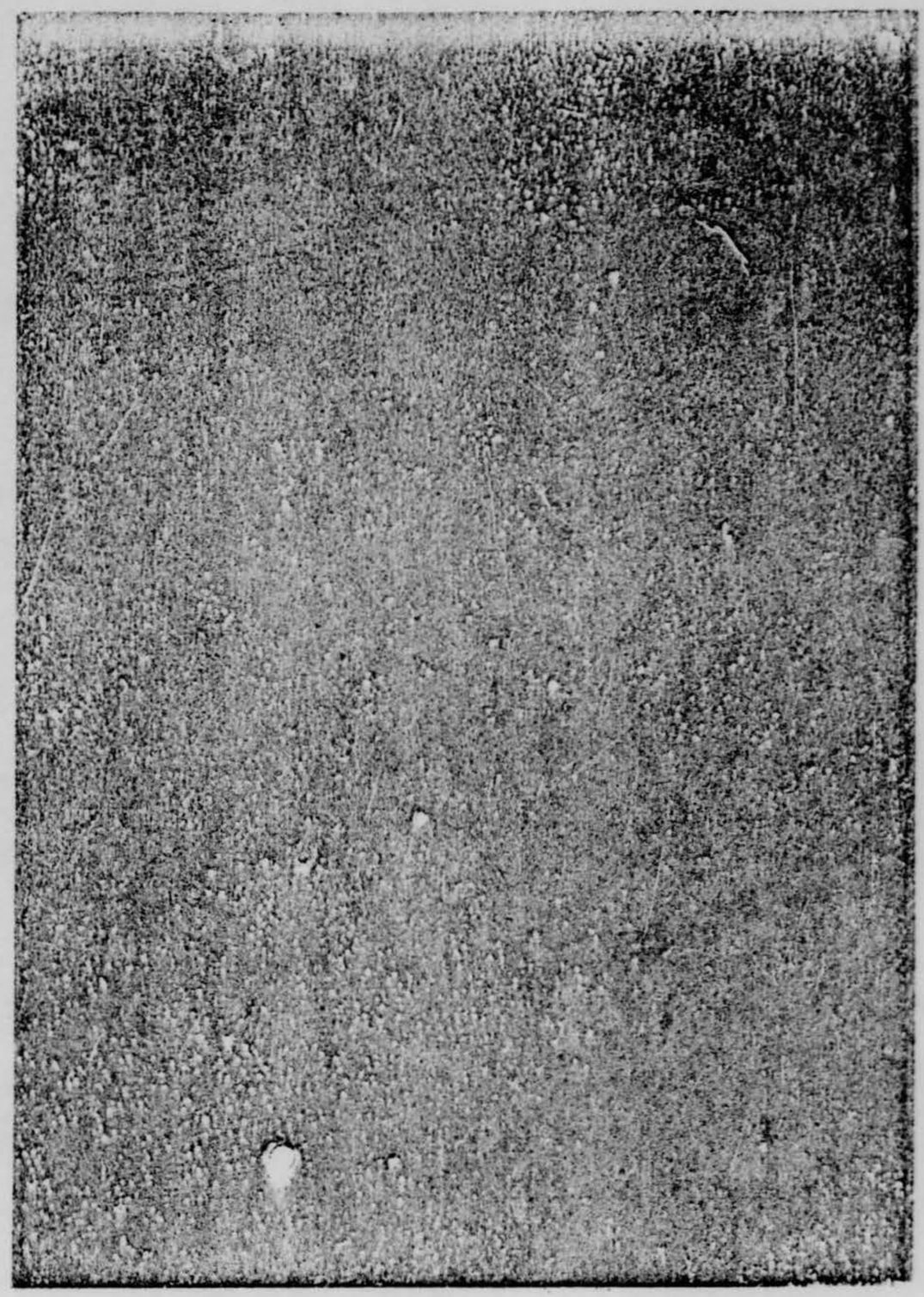


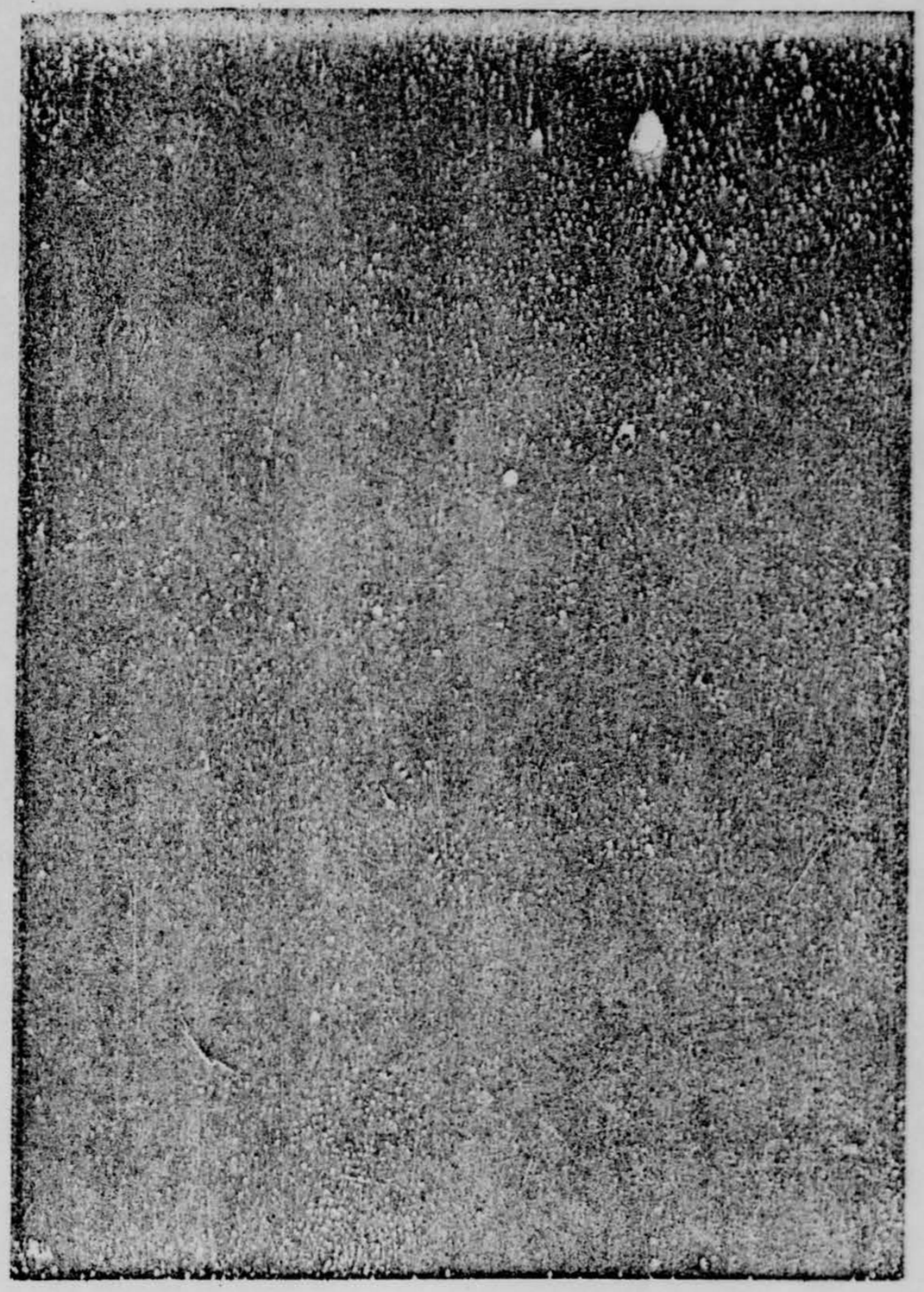


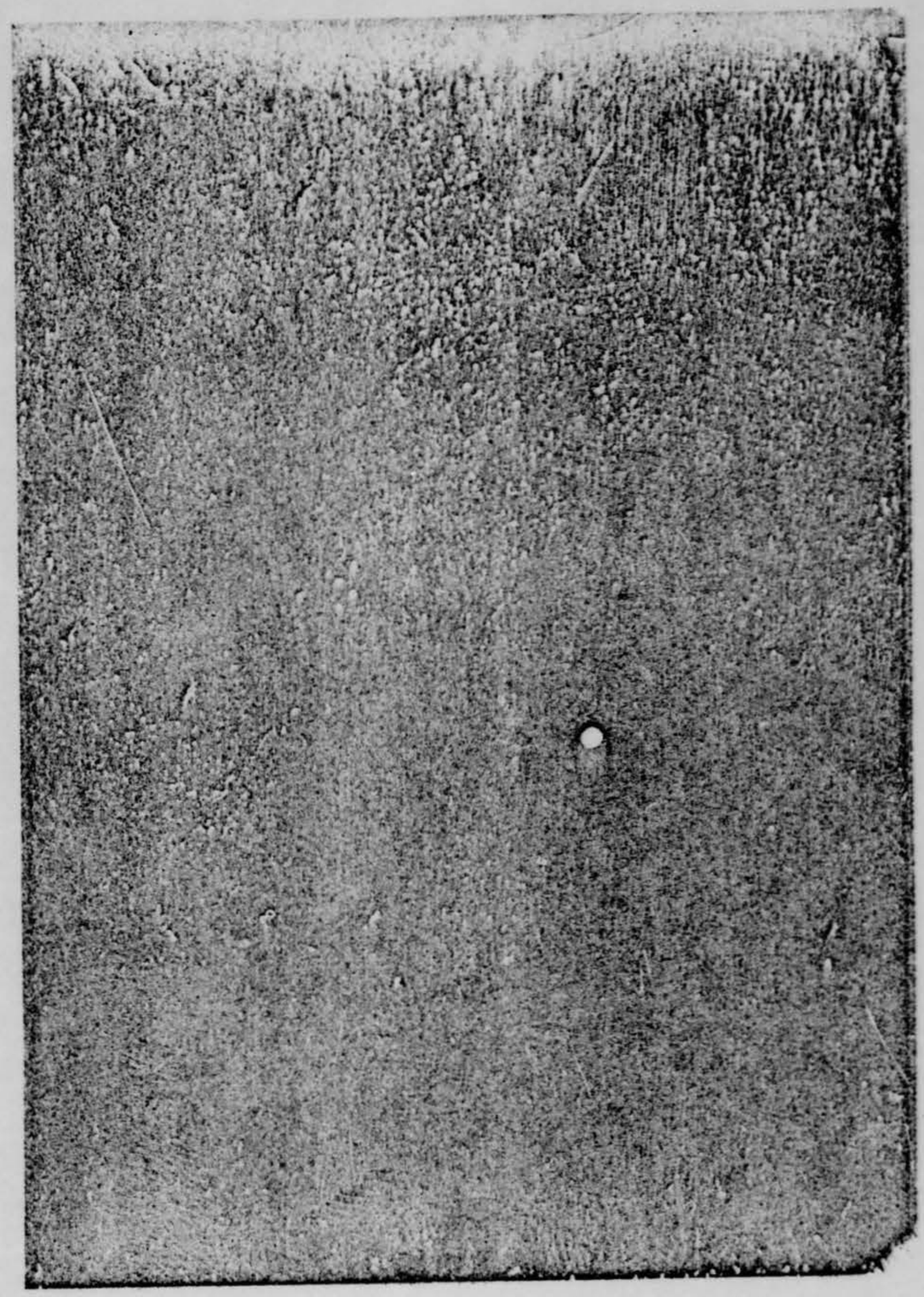


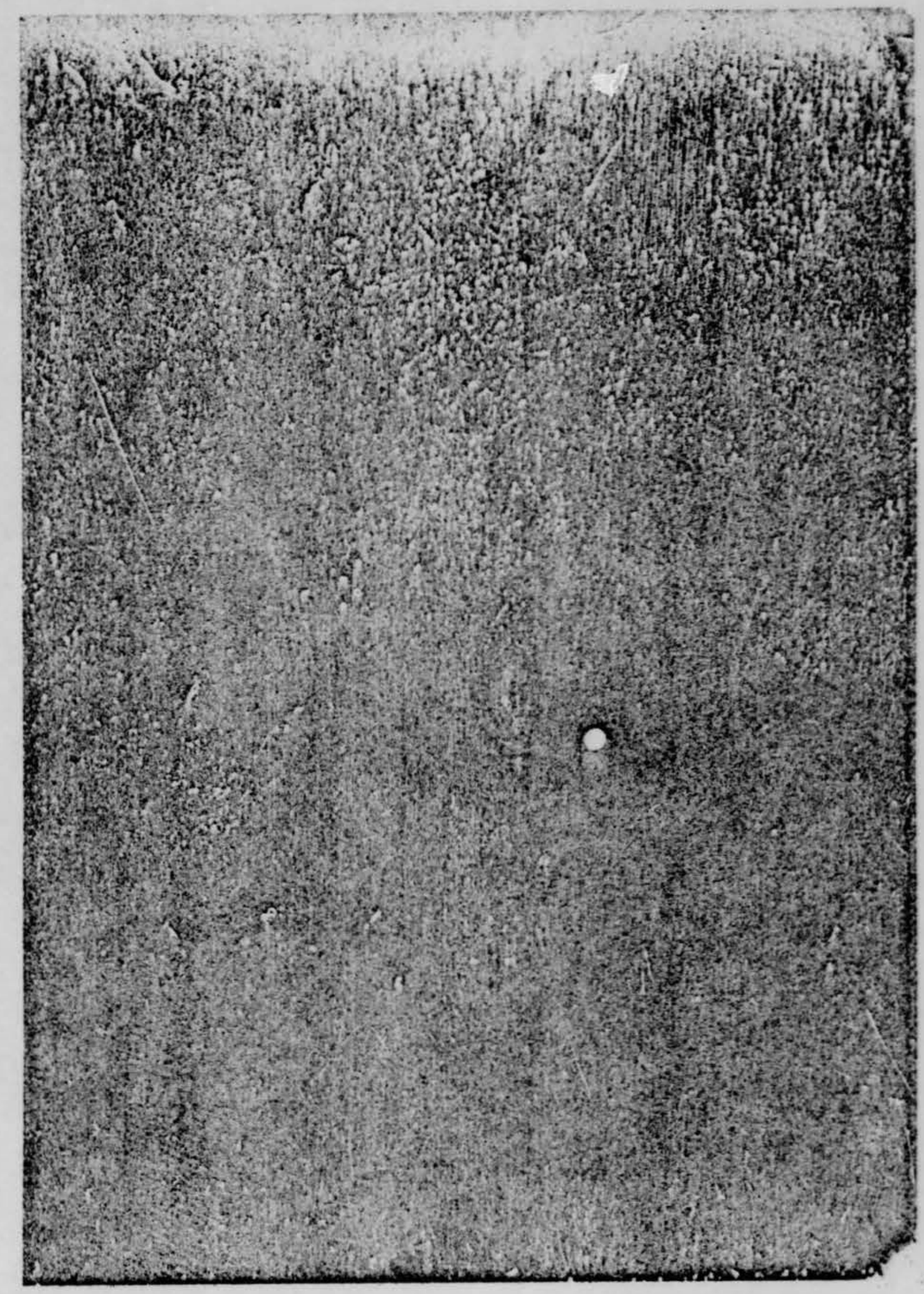


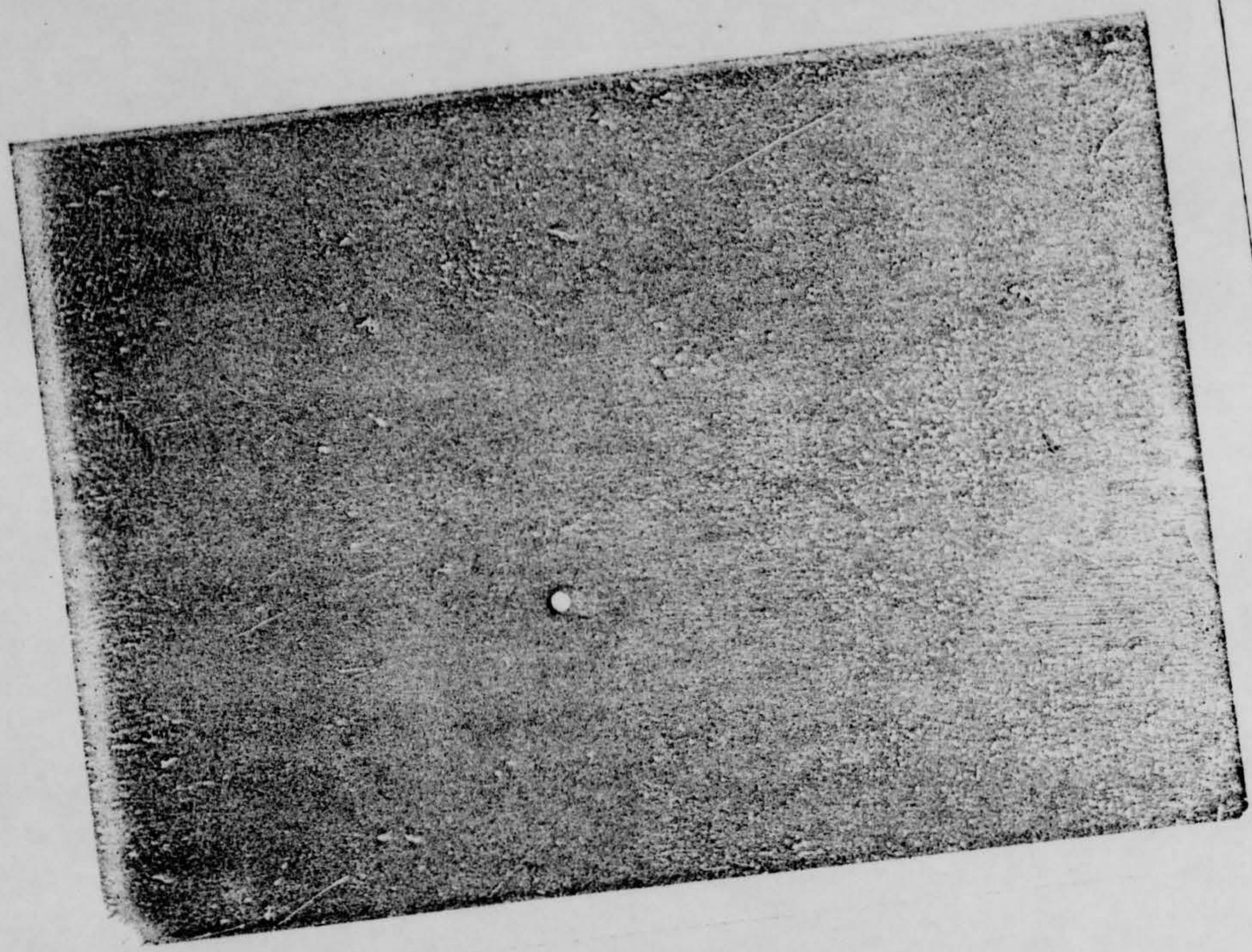












SMITHSONIAN INSTITUTION
ASTROPHYSICAL OBSERVATORY 617-864-7700
60 GARDEN STREET CAMBRIDGE, MASSACHUSETTS 02139

July 25, 1968

Optical Meteor Project
[redacted]
Urbana, Illinois 61801

Hector Quintanilla, Jr., Lt. Colonel, USAF
Chief, Aerial Phenomena Office
Aerospace Technologies Division
Wright-Patterson Air Force Base, Ohio 45433

Dear Col. Quintanilla:

[redacted]Covington, Indiana, has asked me to confirm that his Polaroid "Swinger" Model 20 camera (serial no. HB 7431A) is capable of clearly imaging the full moon. I agreed to supervise the exposing of a series of prints to confirm that his images are in reality the moon.

On the morning of 12 July 1968, Mr. [redacted] and I loaded his camera with a new roll of type 20 high speed polaroid film and fixed the camera to a movable tripod. Seeing and sky conditions were poor, with only second magnitude stars visible. The tripod was leveled and oriented in azimuth (± 5 degrees). A series of four prints were exposed with the 7/8 moon and a nearby street light in the field. Multiple exposures were use in prints 3 and 4 to offset for poor sky conditions.

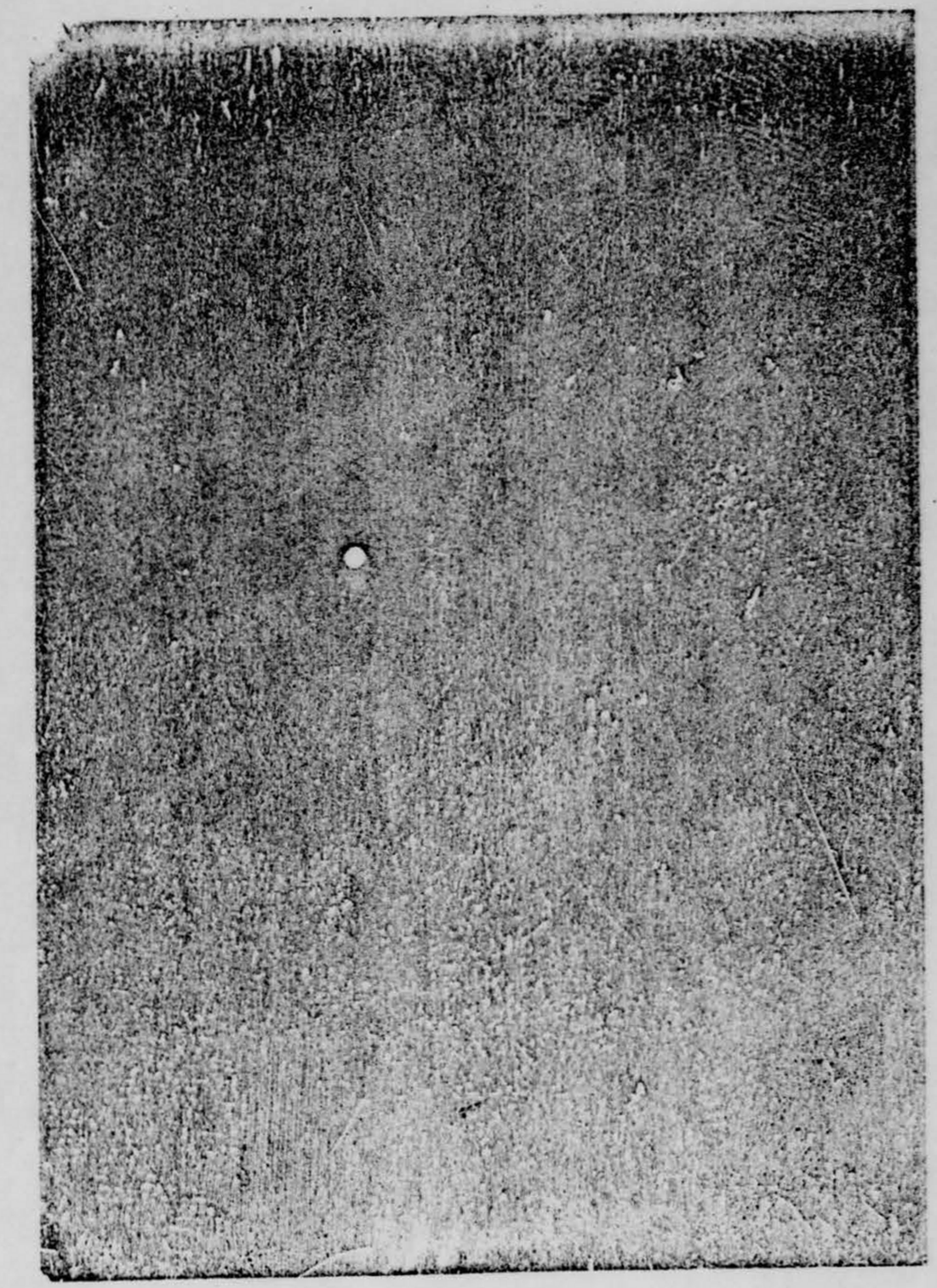
I am enclosing the four prints showing the moon at various density levels. It is my opinion that [redacted] camera is capable of producing an image as dense as his 18 November 1967 "Moon" print.

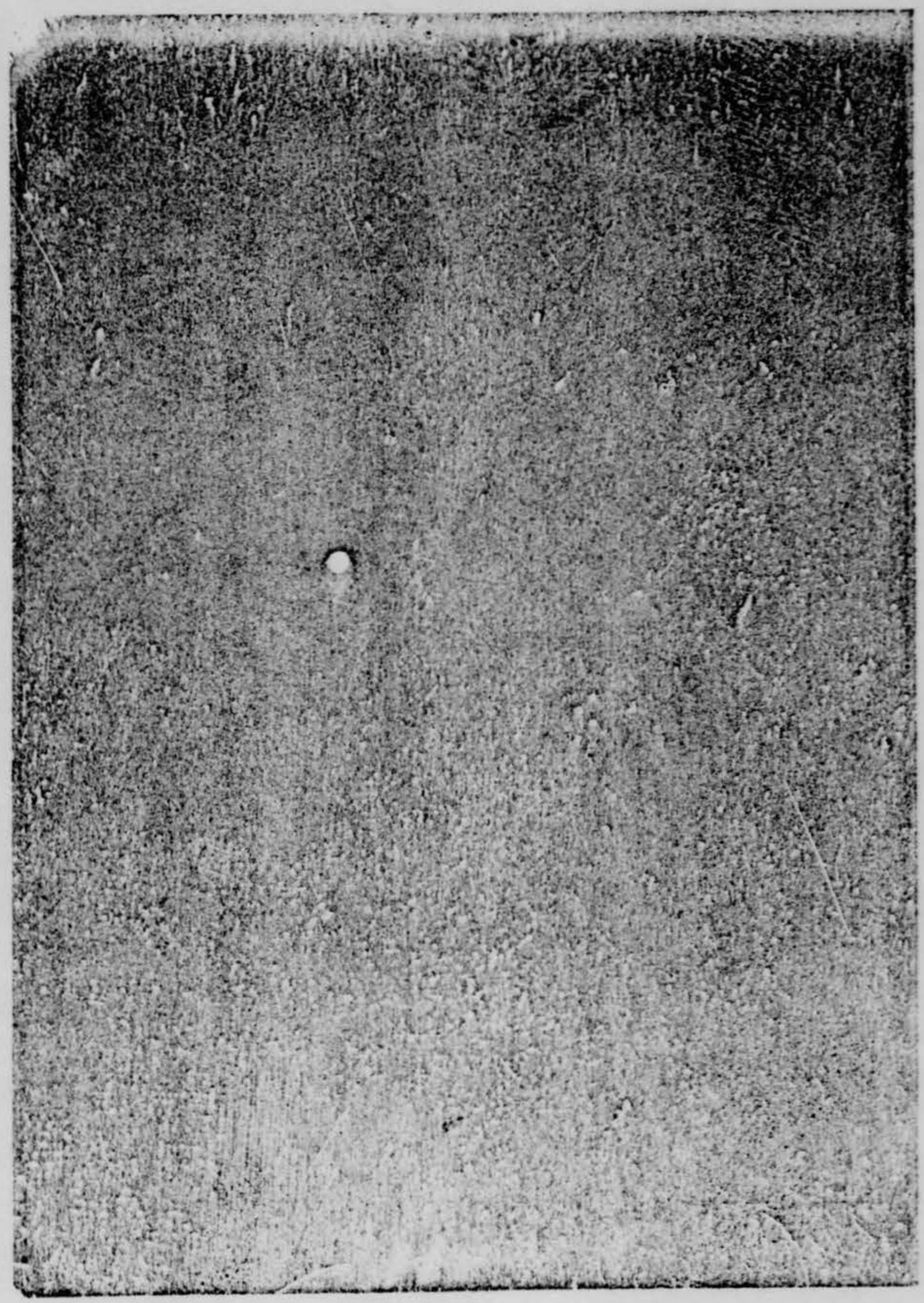
I trust these prints will be of some use to you in studying his report.

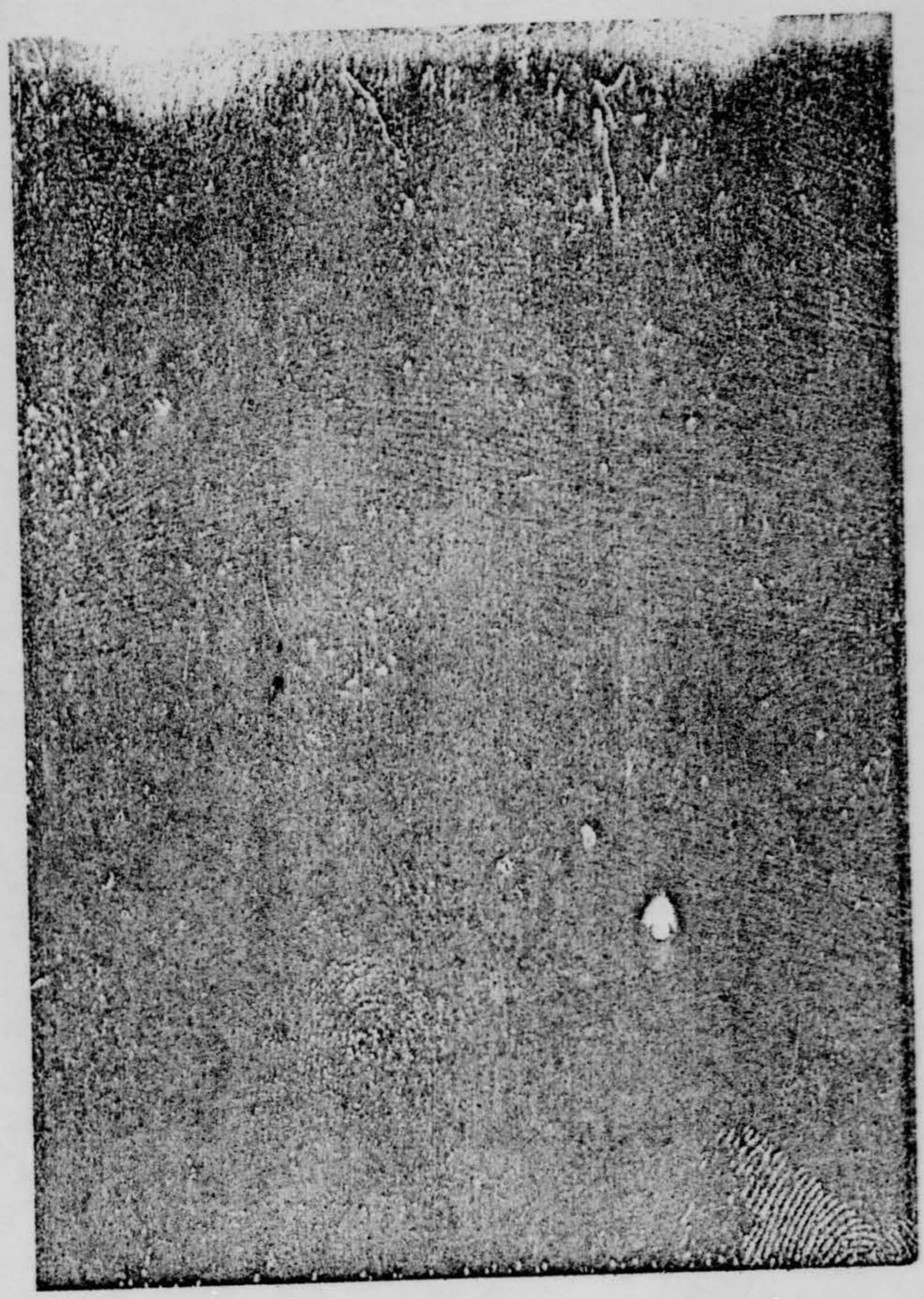
Very truly yours,

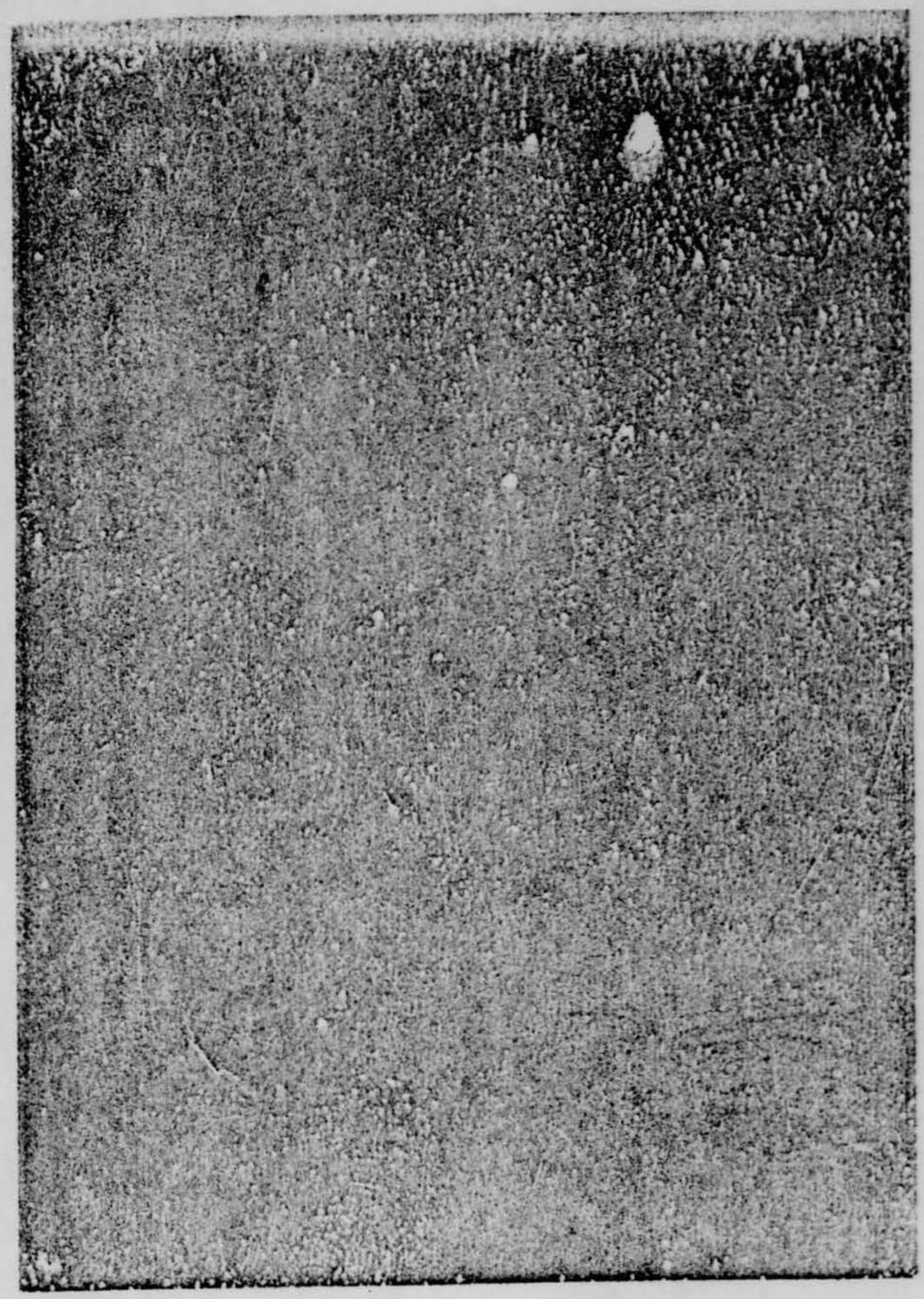
[redacted]
Project Manager

JTW:cmw
Enclosures: 4 prints





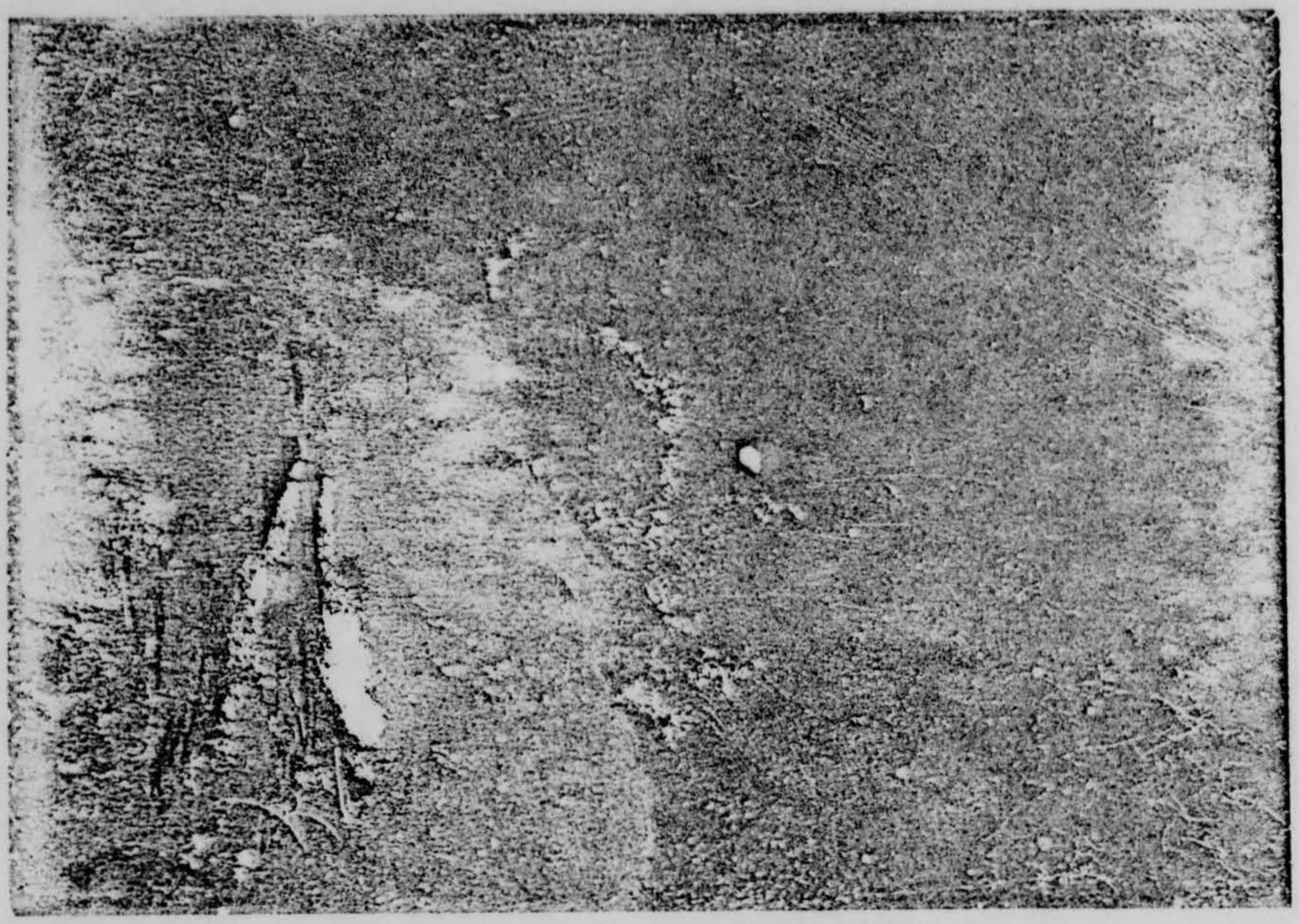


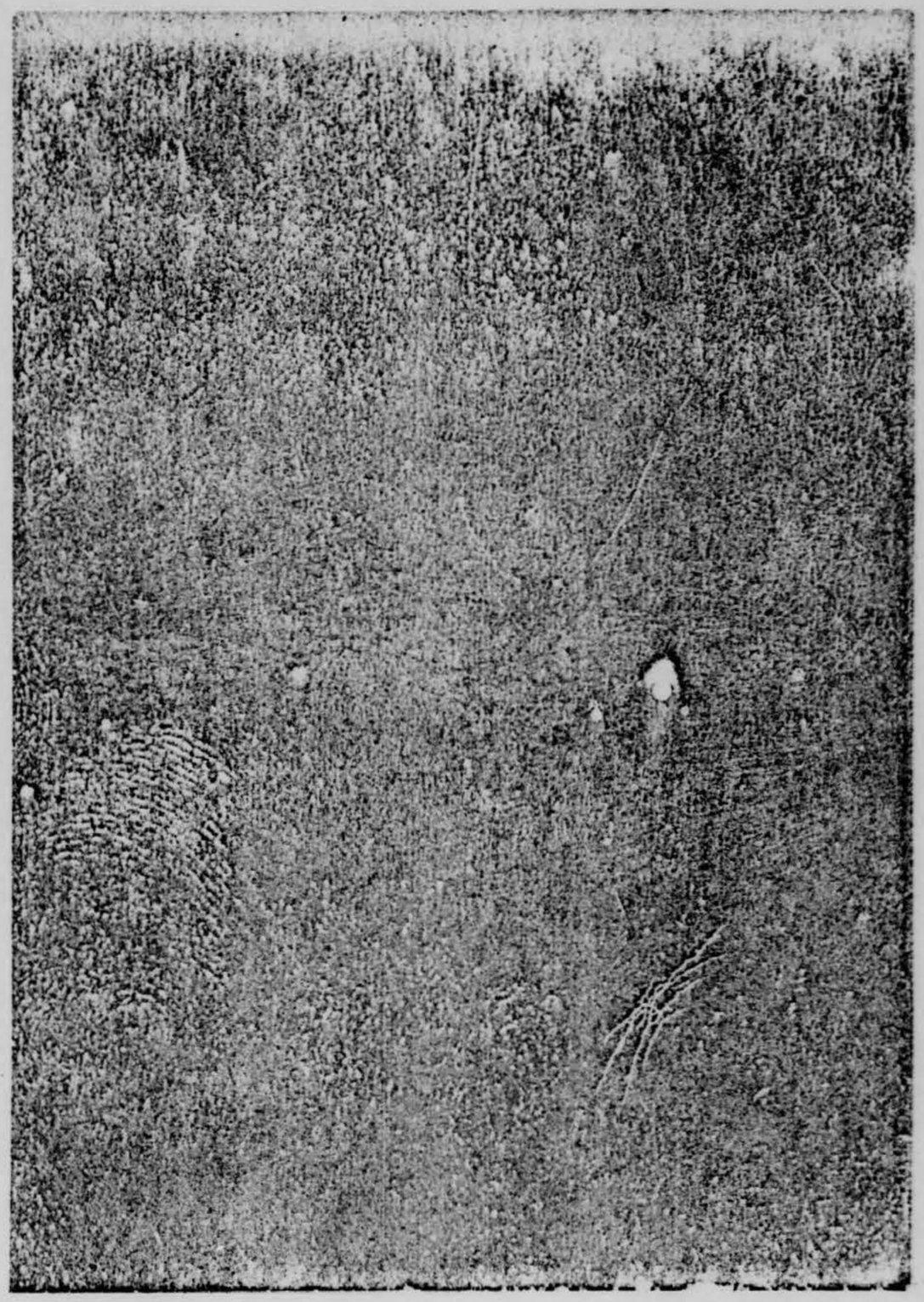






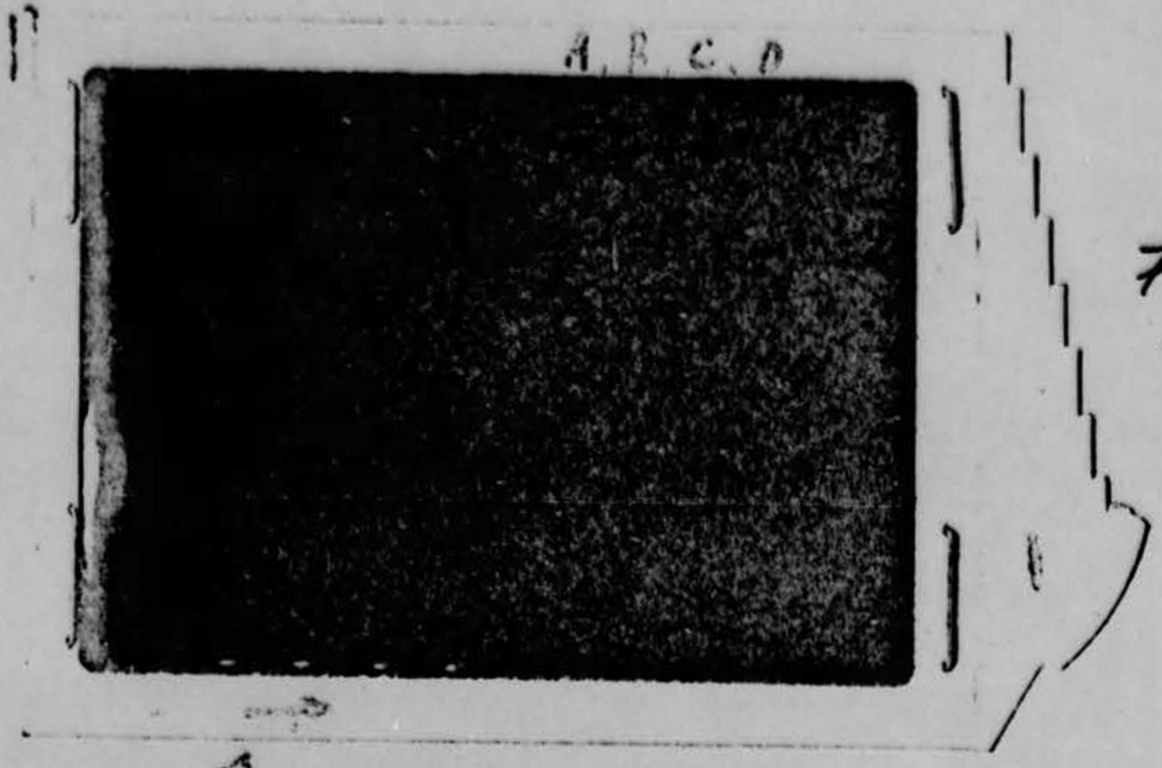








12 July '68 1255: CDT



Single exposures, Wide open.

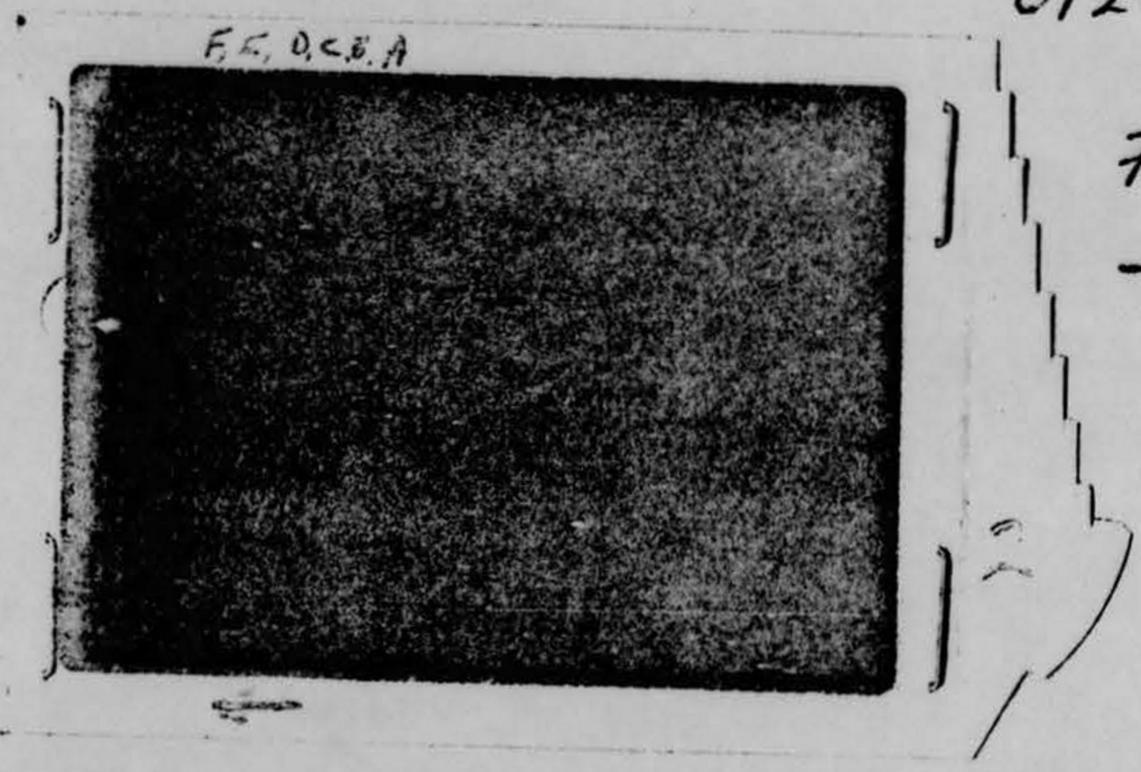
#1

20° elevation

A. 130° Az
B. 127° "
C. 123° "
D. 120° "

← Mercury vapor street light

0120: CDT



#2

Single exposures, using aperture

A.	150°	Az.	index @	"18" 18
B.	152°	"	"	"17" 17
C.	154°	"	"	"14"
D.	156°	"	"	"10"
E.	158°	"	"	"6"
F.	162°	"	"	"20" 20

25° Elevation

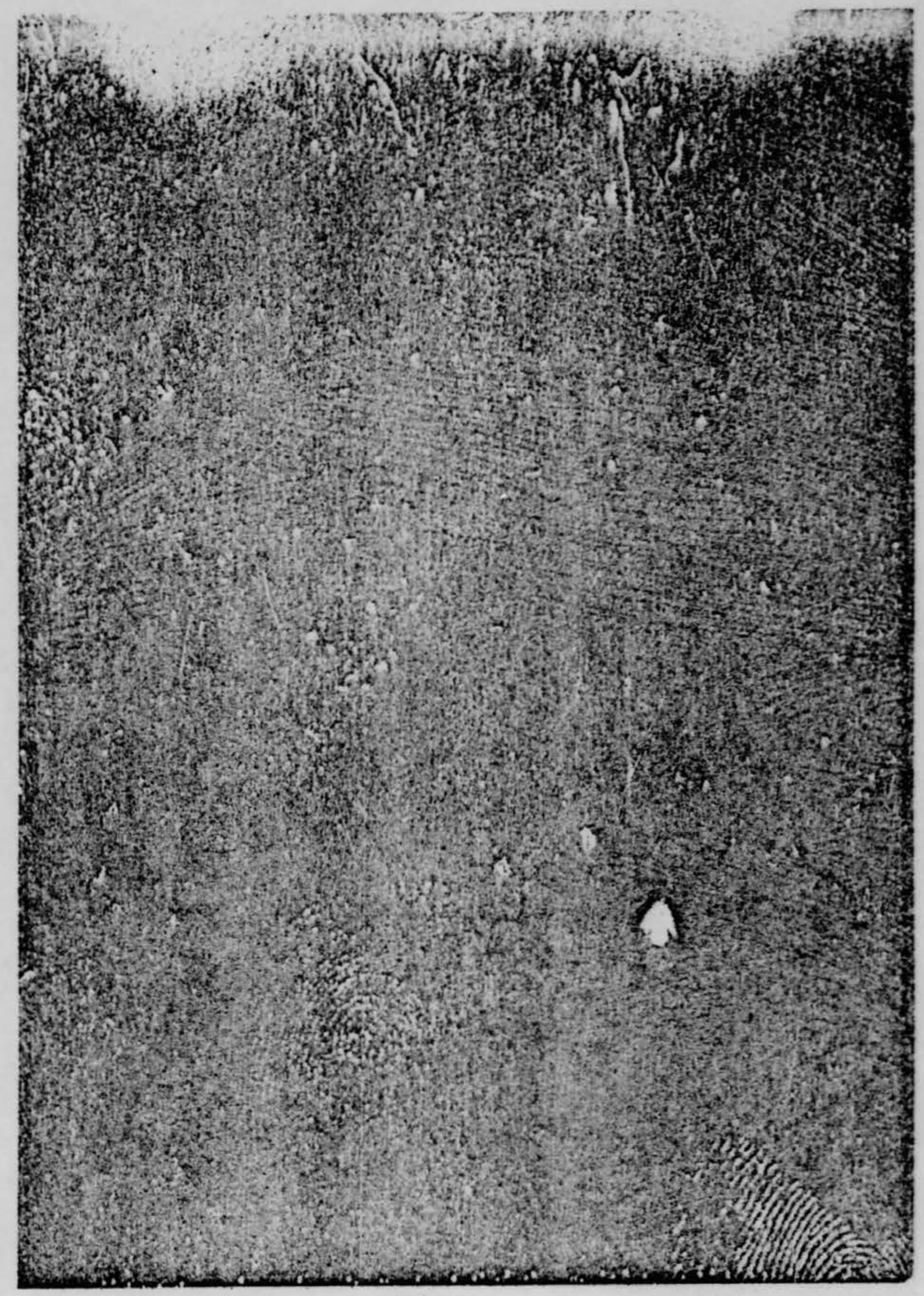
POLAROID LAND FILM FOR THE SWINGER

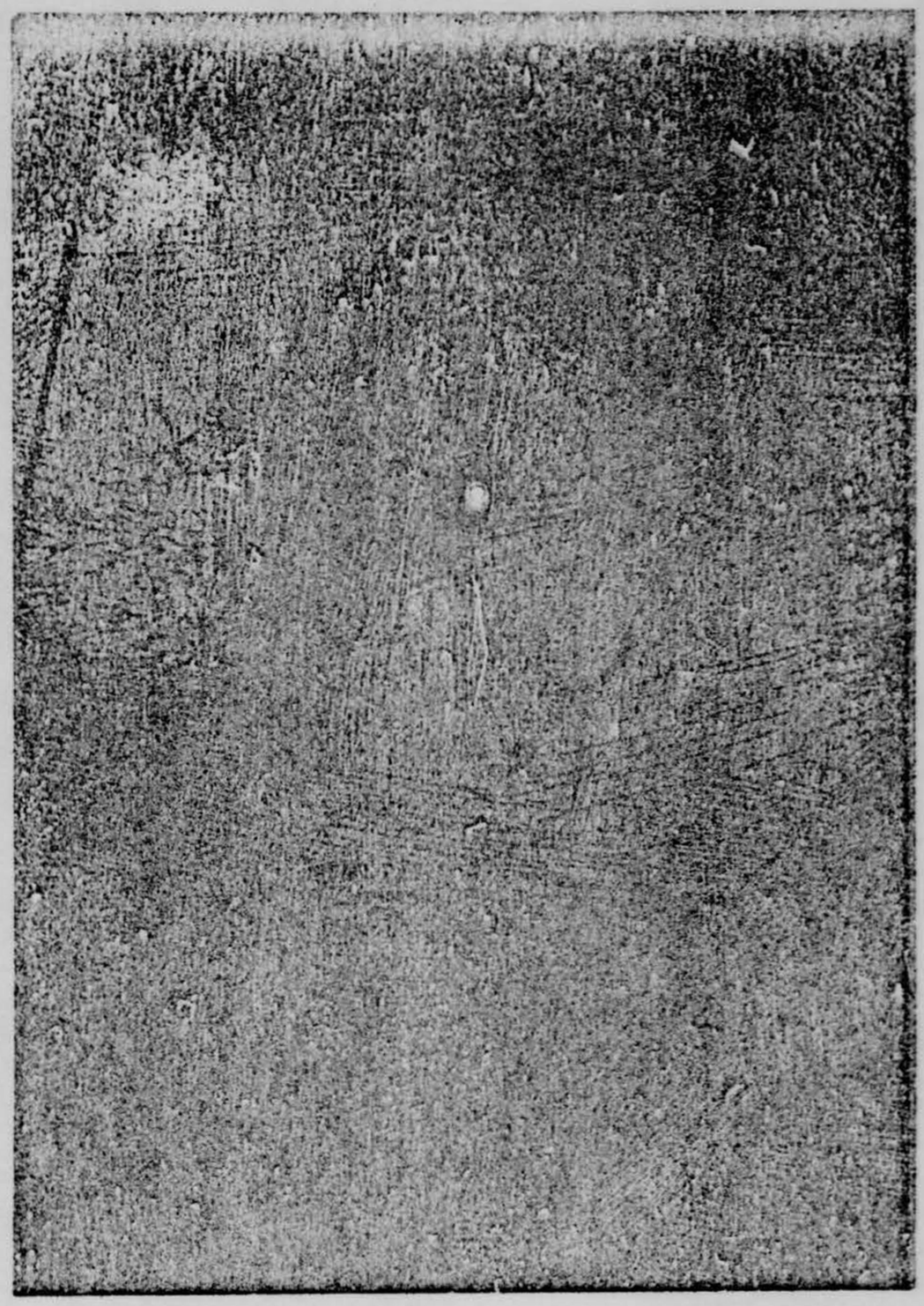
HIGH SPEED/TYPE 20
DEVELOPMENT TIME: 15 SEC. AT 70°F (21°C)
BE SURE TO COAT EACH PRINT

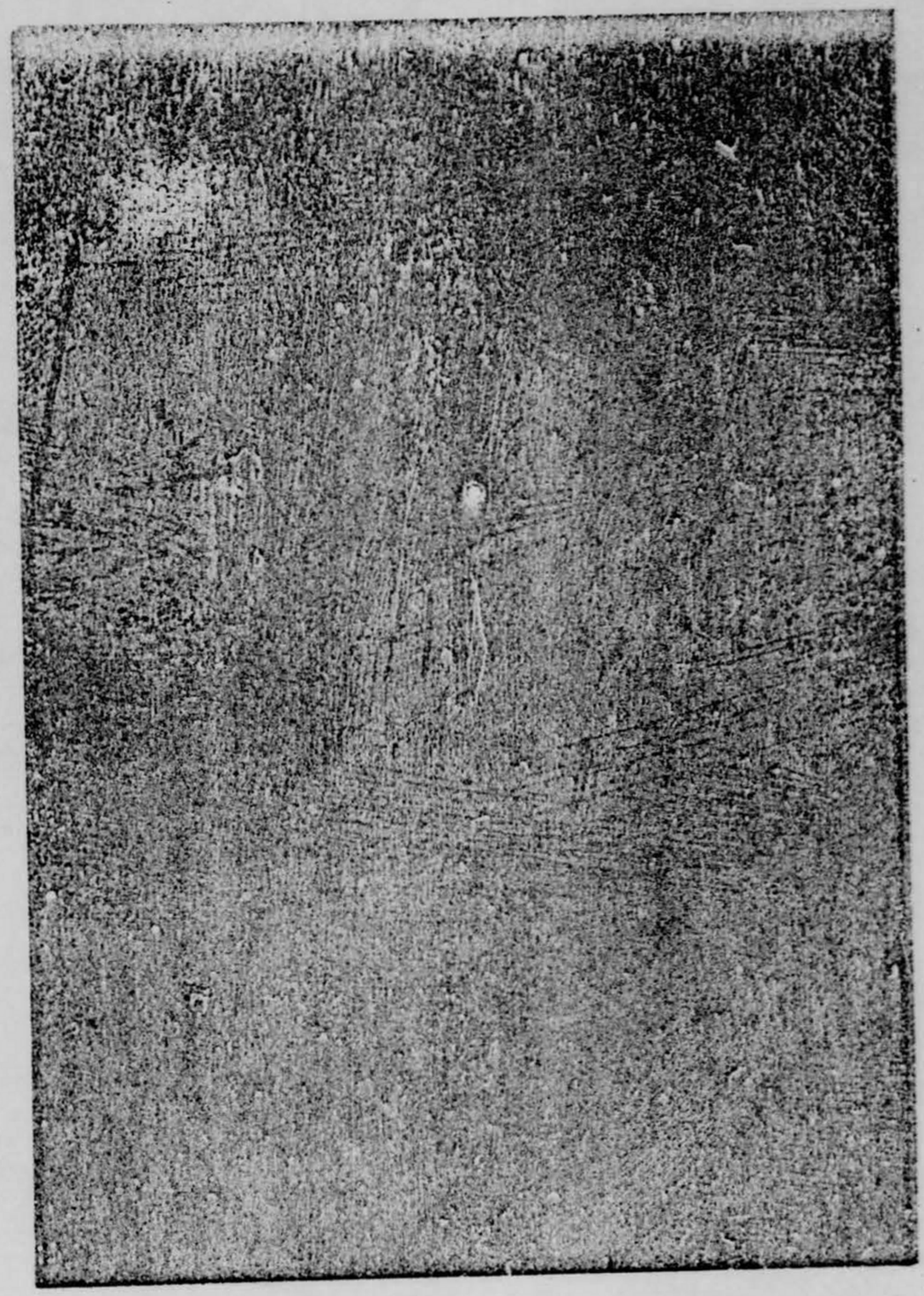
CAUTION: This process uses a caustic jelly which is safely packed in sealed containers inside the large film roll. If accidentally you should get some of this jelly on your skin, wipe it off immediately. To avoid an alkali burn, wash the area with plenty of water as soon as possible. **It is particularly important to keep the jelly away from eyes and mouth.** Keep discarded materials out of reach of children and animals, and out of contact with clothing or fire, as discarded materials still contain some jelly.

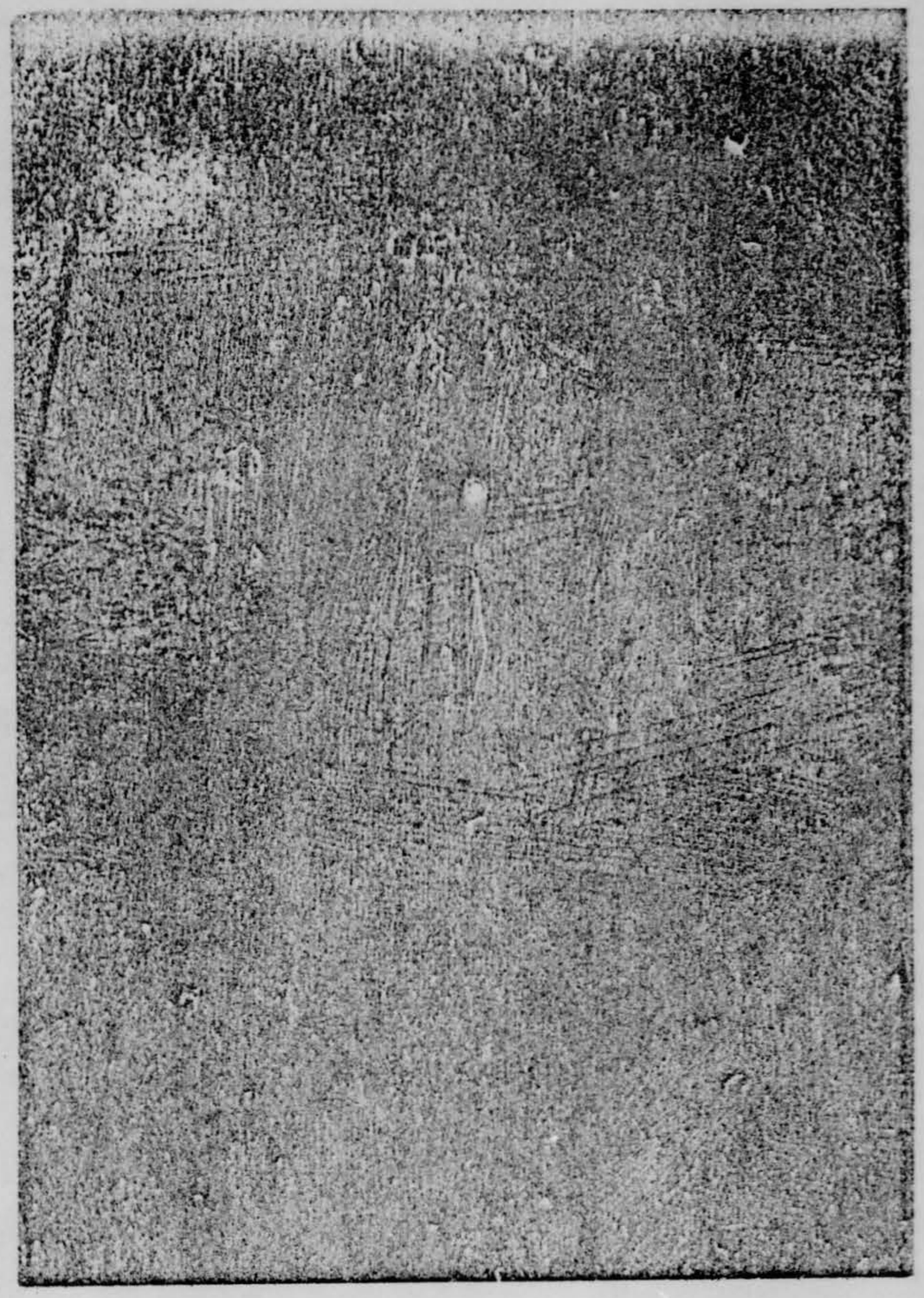
"Polaroid" Reg. U. S. Pat. Off.

Smithsonian Optical Meteor Projec



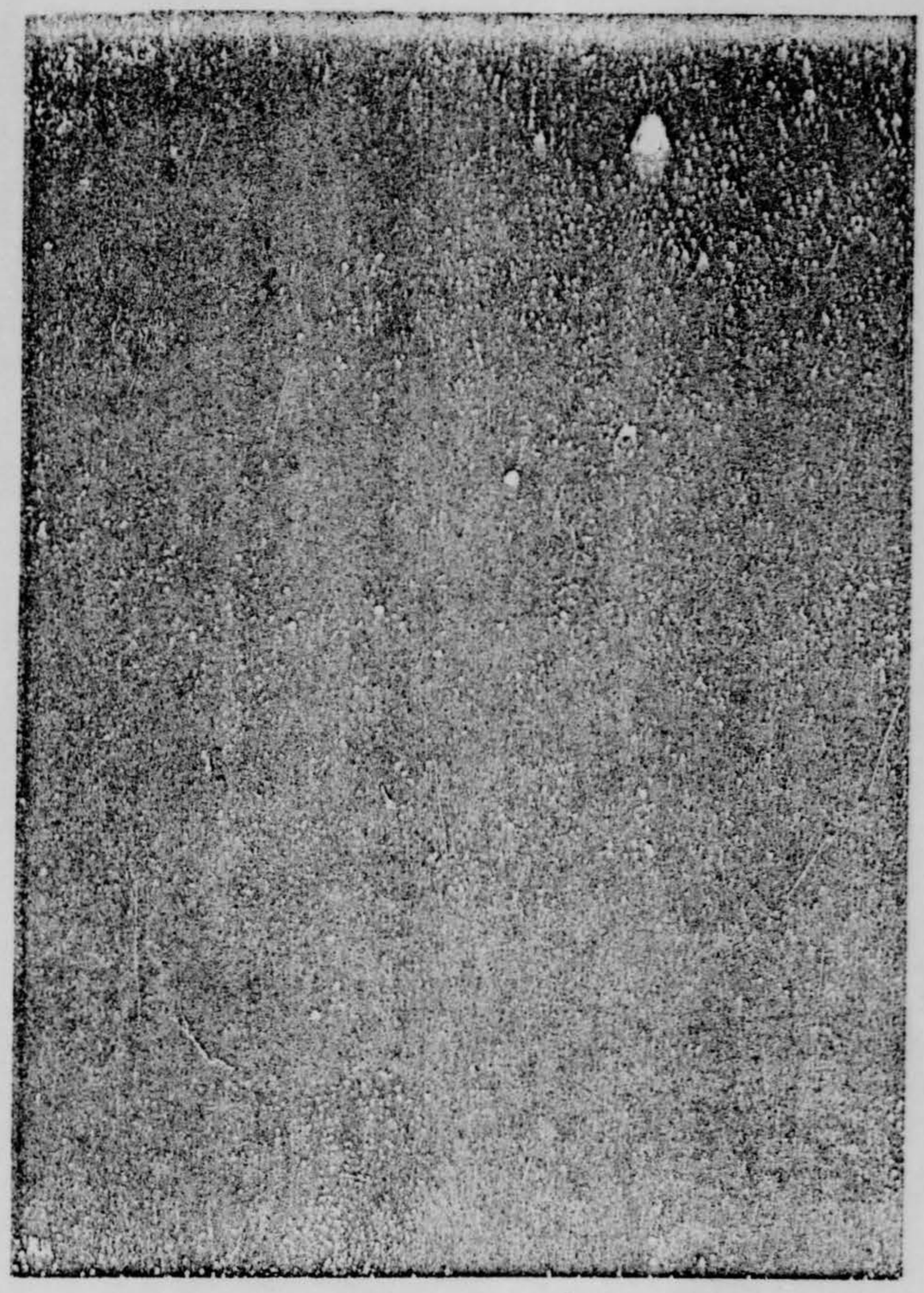


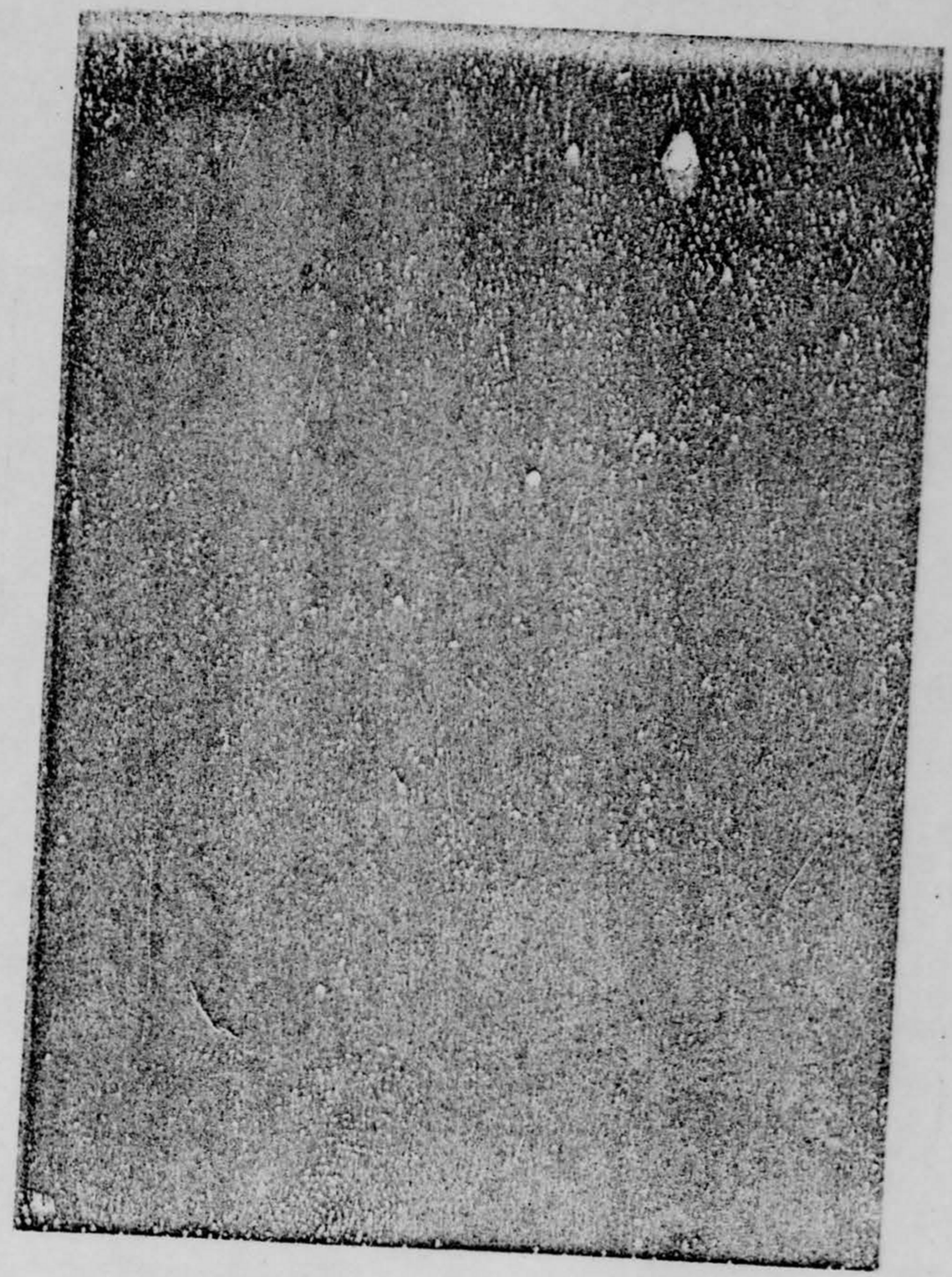


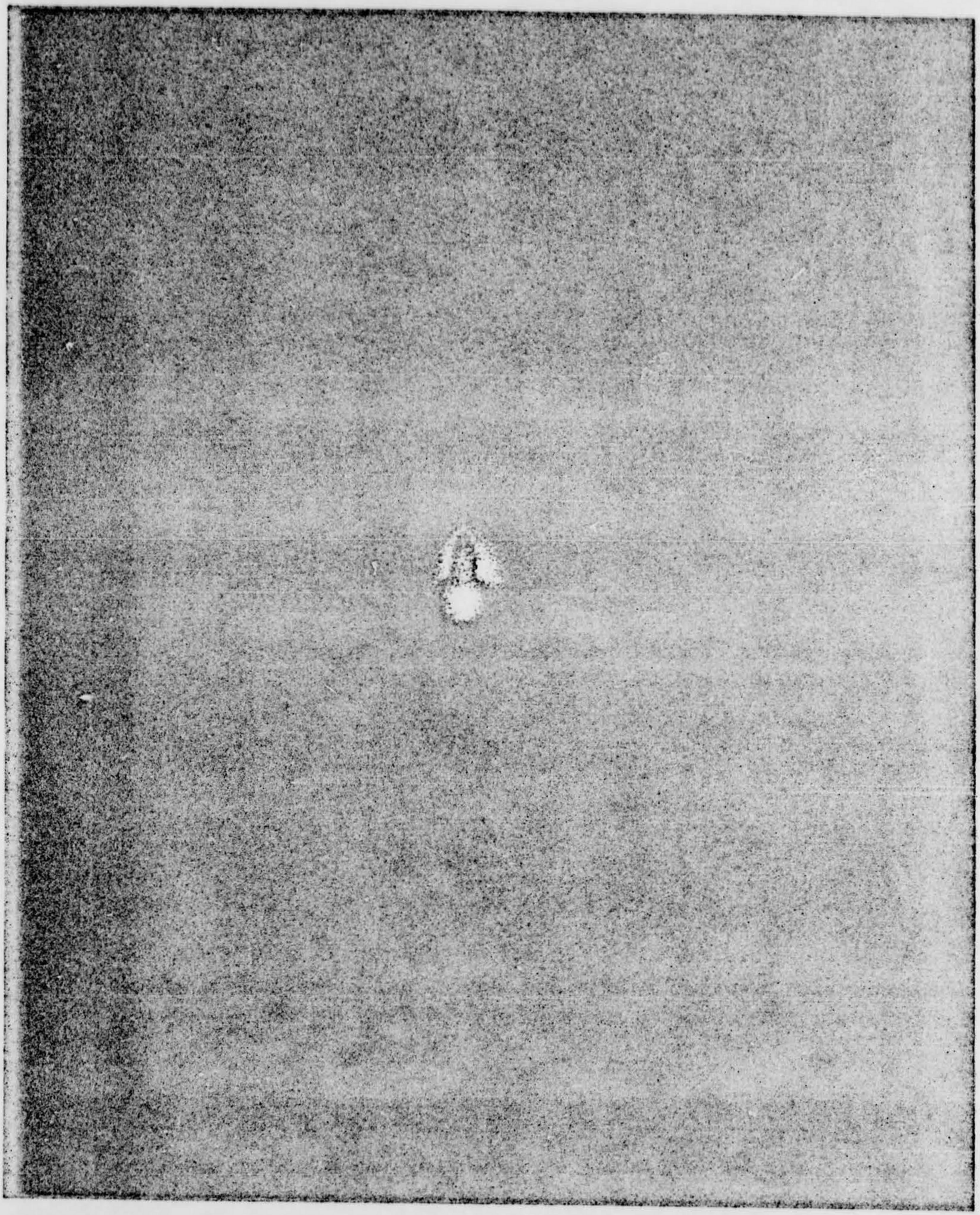


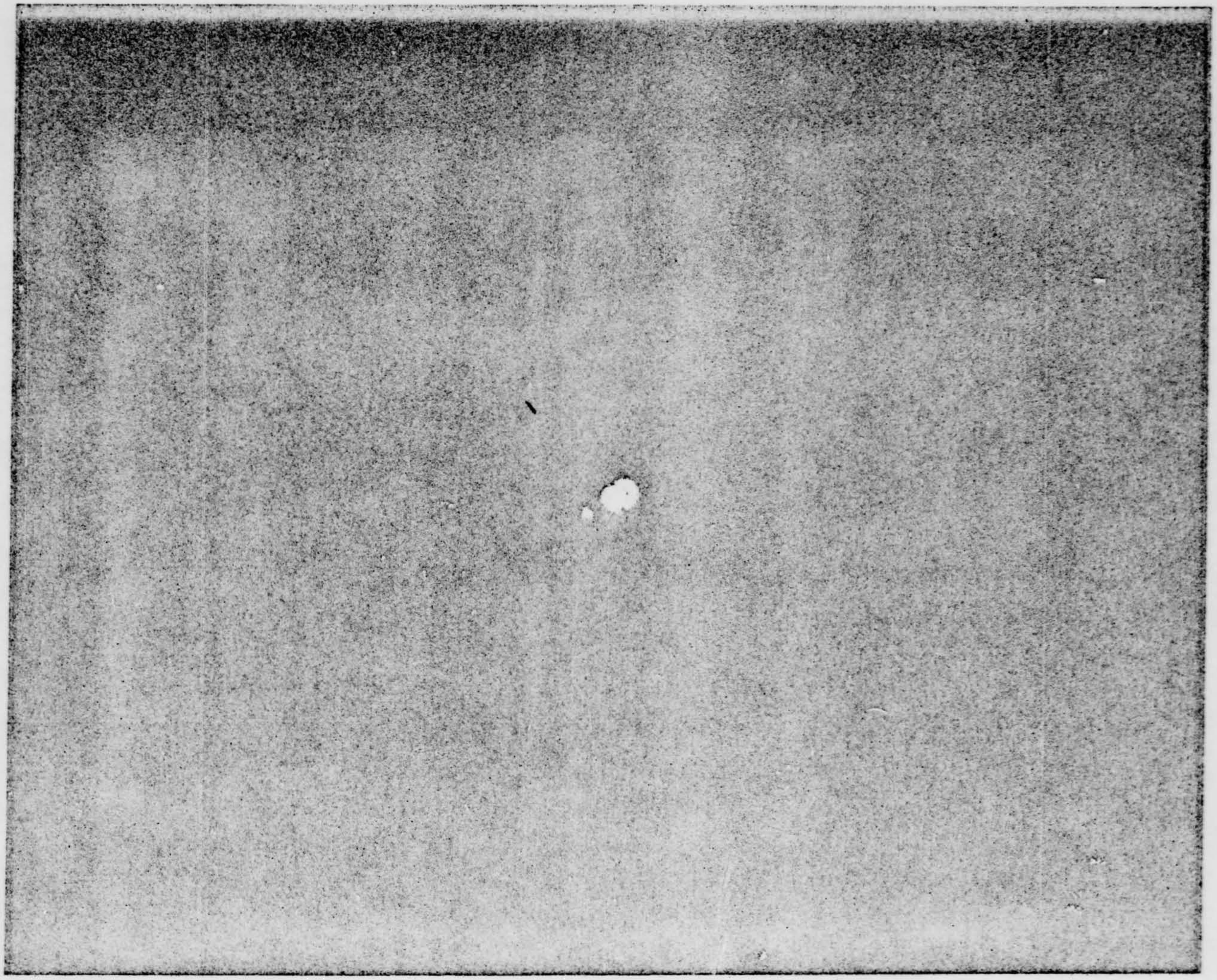


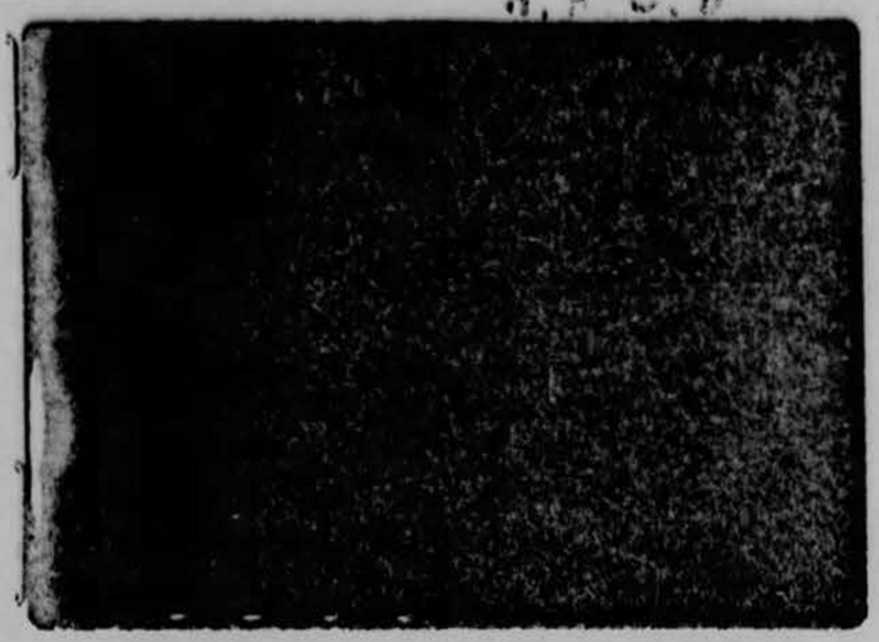












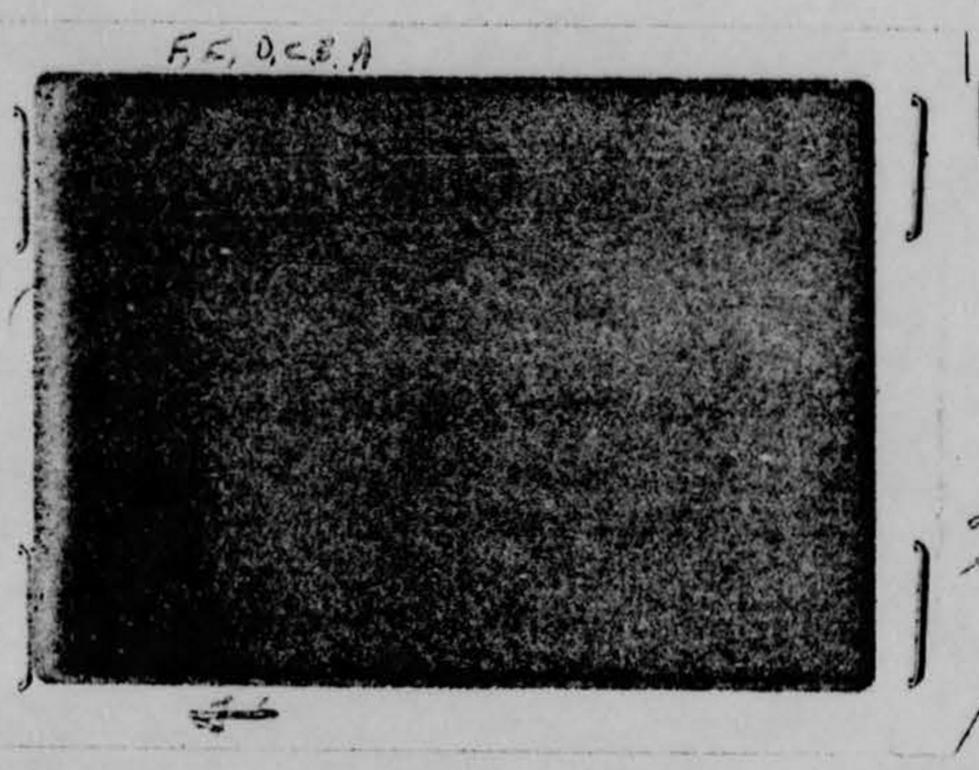
← Mercury vapor street light

Single exposures, Wide open.

#1 20° elevation

A. 130° A3
B. 127° "
C. 123° "
D. 120° "

0120: CDT



#2 Single exposures, using zpan

A. 150° A3. index @ "18" 18
B. 152° " " "17" 17
C. 154° " " "14"
D. 156° " " "10"
E. 158° " " "6"
F. 162° " " "20" 20

25° Elevation

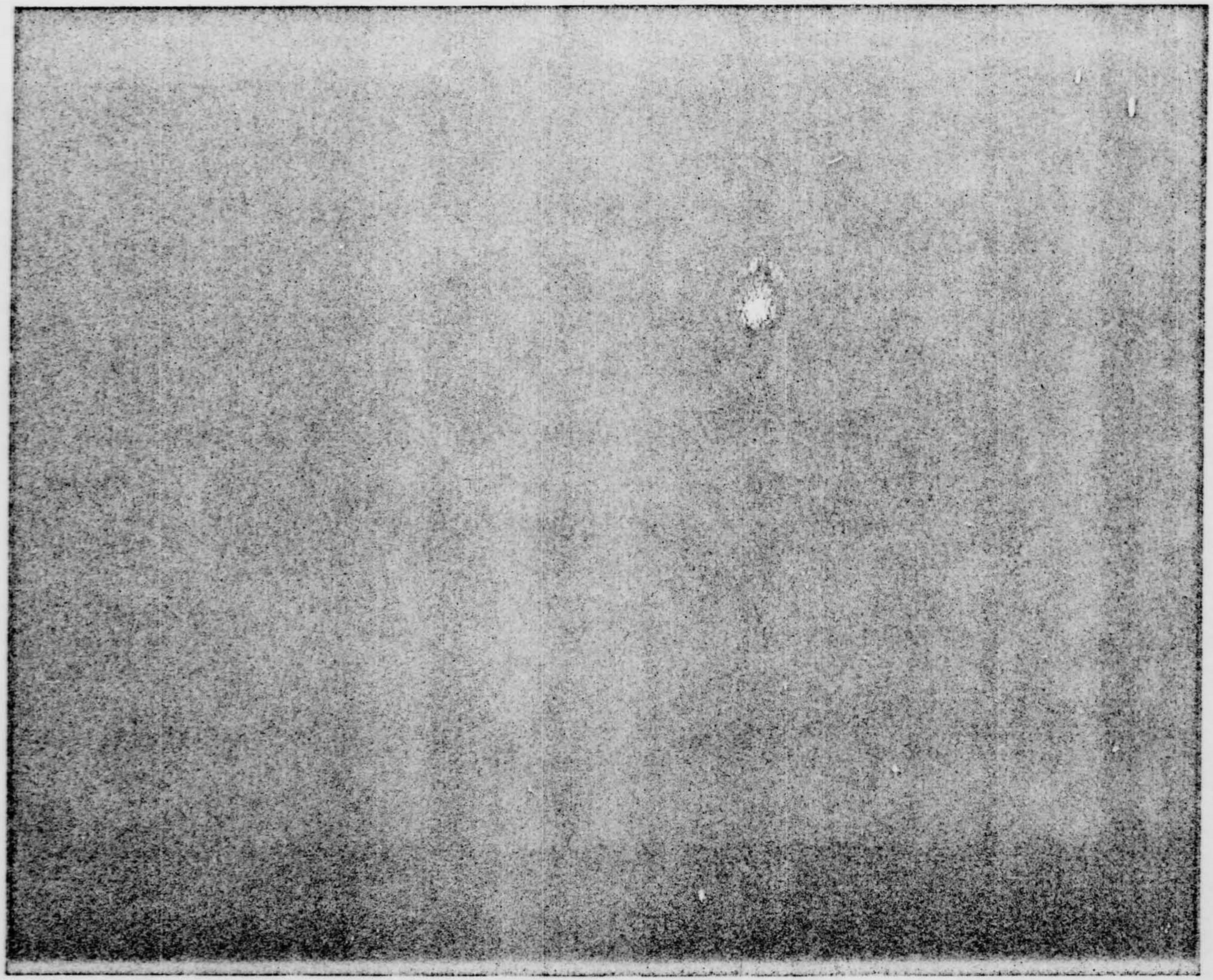
POLAROID LAND FILM
FOR THE SWINGER

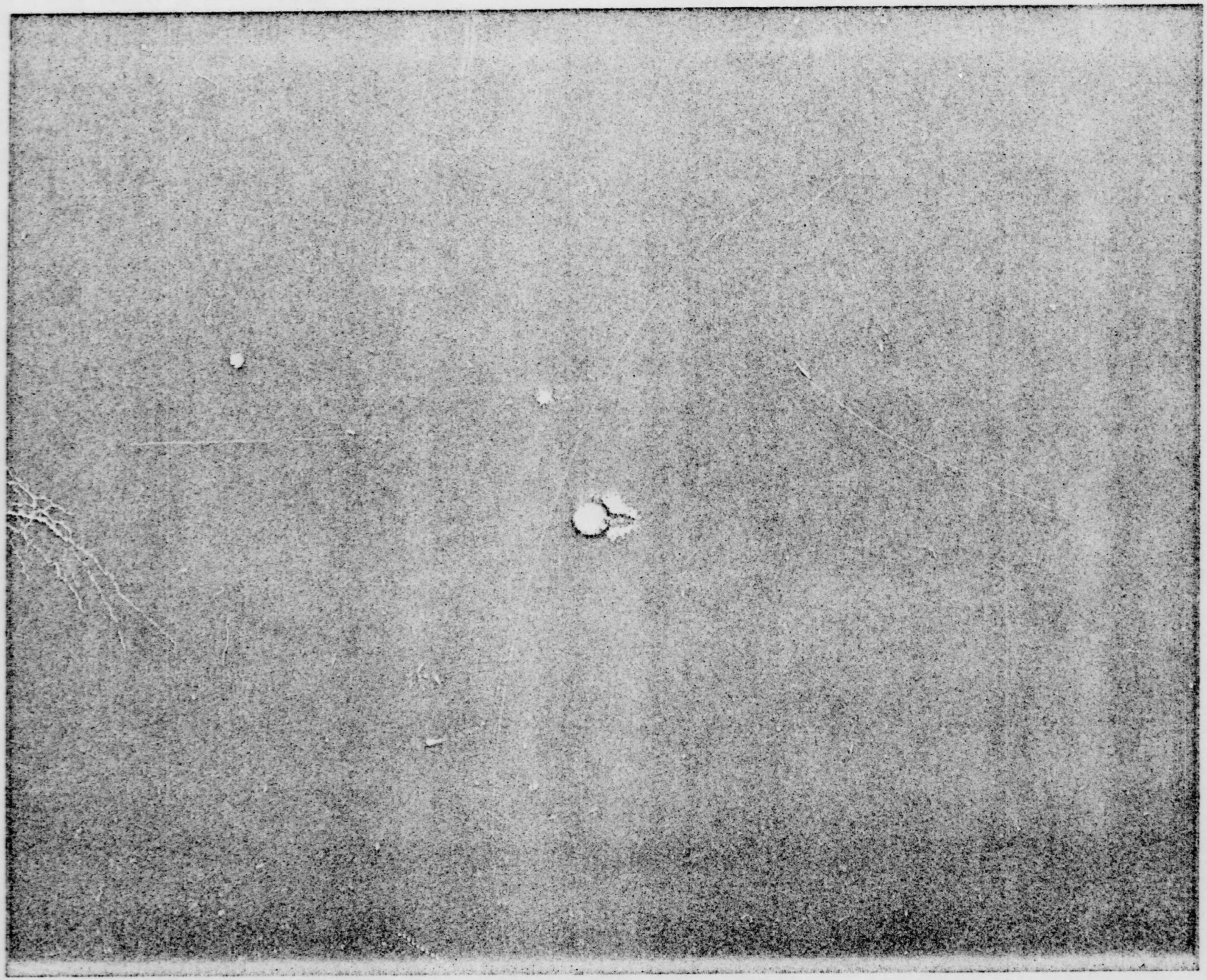
HIGH SPEED/TYPE 20
DEVELOPMENT TIME: 15 SEC. AT 70°F (21°C)
BE SURE TO COAT EACH PRINT

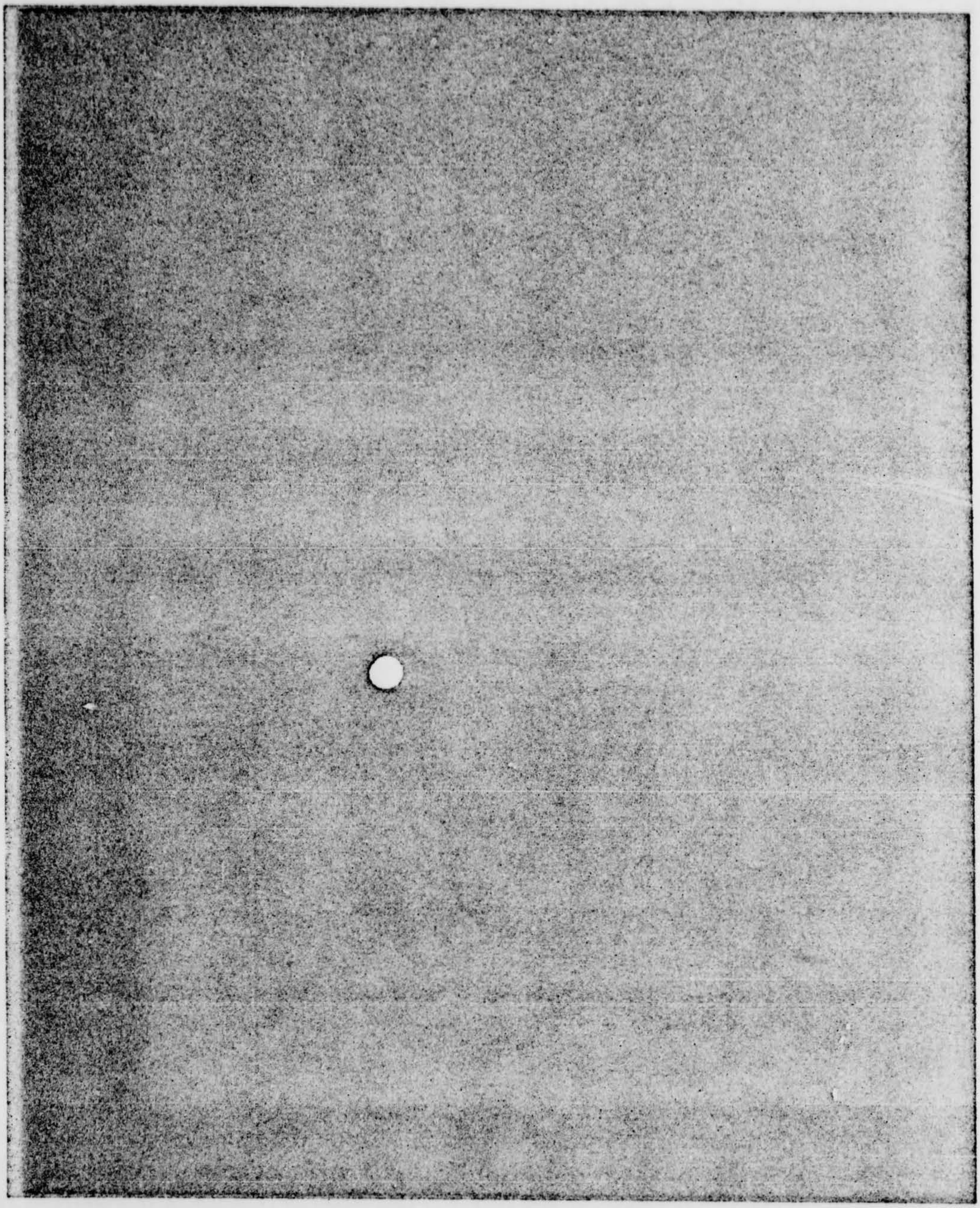
CAUTION: This process uses a caustic jelly which is safely packed in sealed containers inside the large film roll. If accidentally you should get some of this jelly on your skin, wipe it off immediately. To avoid an alkali burn, wash the area with plenty of water as soon as possible. **It is particularly important to keep the jelly away from eyes and mouth.** Keep discarded materials out of reach of children and animals, and out of contact with clothing or furniture, as discarded materials still contain some jelly.

"Polaroid" Reg. U. S. Pat. Off.

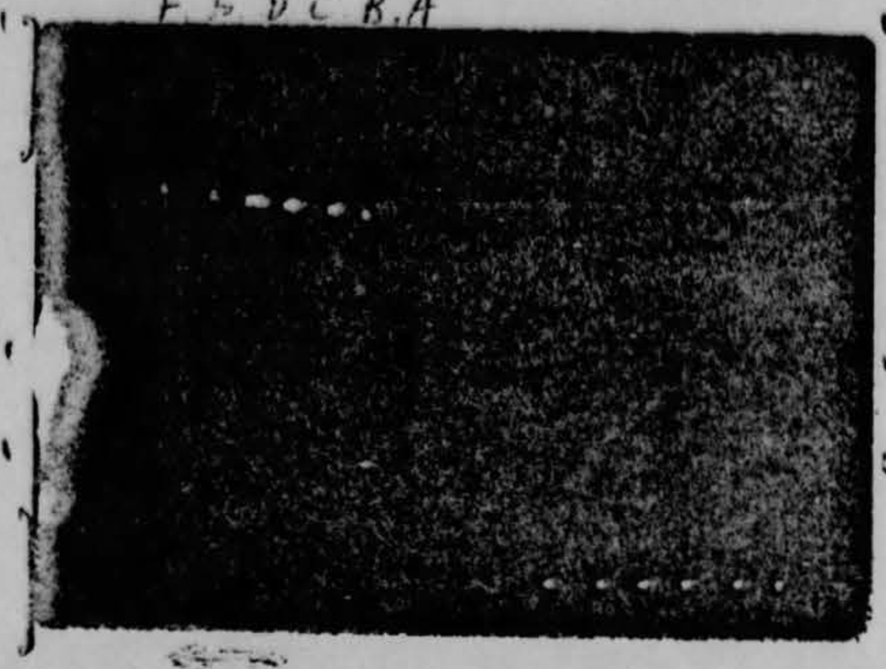
Smithsonian Optical Meteor Project
P.O. Box 294
1101-D East University Ave.
Urbana, Illinois 61801







0145 CDT



Multiple exposures, wide ope

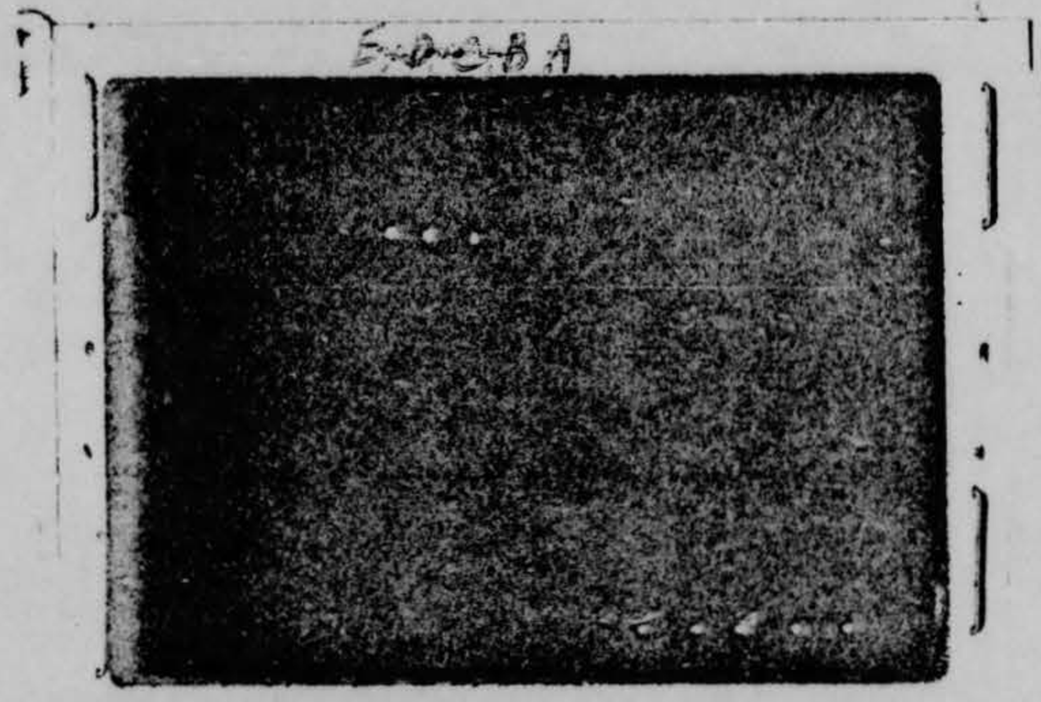
22° Elevation

#3

A.	150°	A3.	1	exposure
B.	152°	"	2	"
C.	154°	"	3	"
D.	156°	"	4	"
E.	158°	"	1	"
F.	160°	"	1	"

Mercury Vapor
street light

* Rapid clicks of the shutter



Multiple exposures, wide ope

22° Elevation

#4

A.	150°	A3.	1	exposure
B.	153°	A3	2	"
C.	156°	"	3	"
D.	158°	"	4	"
E.	160°	"	1	"

Mercury Vapor
Street light

Note: all look angles are approximate (± 1 deg