



DEPARTMENT OF THE NAVY
NAVAL WEAPONS SUPPORT CENTER
CRANE, INDIANA 47522-5000

IN REPLY REFER TO:

5090/H11.9
0924

13 SEP 1990

U.S. Environmental Protection Agency
Region V, 5HR-13
Attn: Ms. Carol Witt-Smith
230 South Dearborn Street
Chicago, Illinois 60604

Gentlemen:

Submitted for review is the final Interim Measures (IM) report for the Abandoned Compressed Gas Cylinder site adjacent to Building 64. The requirement for submittal of this report was set forth in your letter dated June 29, 1990 and the Corrective Actions portion of the Part B Permit issued to Naval Weapons Support Center Crane (NWSCC) in January 1990.

A total of 41 compressed gas cylinders were removed from the aforementioned site and transported to the demolition range (DR) on August 4, 1990. Enclosure (1) outlines the procedure used for removal and transfer of the cylinder to the DR. Enclosure (2) contains pictures taken during the removal operations. Enclosure (3) is the required certification statement.

A visual inspection of the area conducted after the removal of the cylinders indicated there was no soil contamination present other than some rust off the corroded cylinders. With the submission of this final report NWSCC considers this solid waste management unit closed and that no further action is required at this time.

NWSCC point of contact is Mr. Jim Hunsicker, Code 0924, telephone 812-854-3233.

Sincerely,


J.W. HAYS

Commander, CEC, USN
Public Works Officer
By direction of the
Commanding Officer.

Encl:

- (1) Procedure for Removal of Compressed Gas Cylinders
- (2) Pictures of Compressed Gas Cylinders being Removed from Site
- (3) Certification Statement

Copy to:

NORTHNAVFACENCOM, Philadelphia (Code 142)
COMNAVSEASYSOM (SEA-6541)
WES



DEPARTMENT OF THE NAVY
NAVAL WEAPONS SUPPORT CENTER
CRANE, INDIANA 47522-5000

0924

IN REPLY REFER TO:

5090/H11.9
0924

18 SEP 1990

U.S. Environmental Protection Agency
Region V, 5HR-13
Attn: Ms. Carol Witt-Smith
230 South Dearborn Street
Chicago, Illinois 60604

Gentlemen:

Submitted for review is the final Interim Measures (IM) report for the Abandoned Compressed Gas Cylinder site adjacent to Building 64. The requirement for submittal of this report was set forth in your letter dated June 29, 1990 and the Corrective Actions portion of the Part B Permit issued to Naval Weapons Support Center Crane (NWSCC) in January 1990.

A total of 41 compressed gas cylinders were removed from the aforementioned site and transported to the demolition range (DR) on August 4, 1990. Enclosure (1) outlines the procedure used for removal and transfer of the cylinder to the DR. Enclosure (2) contains pictures taken during the removal operations. Enclosure (3) is the required certification statement.

A visual inspection of the area conducted after the removal of the cylinders indicated there was no soil contamination present other than some rust off the corroded cylinders. With the submission of this final report NWSCC considers this solid waste management unit closed and that no further action is required at this time.

NWSCC point of contact is Mr. Jim Hunsicker, Code 0924, telephone 812-854-3233.

Sincerely,
J. W. Hays

Encl:

- (1) Procedure for Removal of Compressed Gas Cylinders
- (2) Pictures of Compressed Gas Cylinders being Removed from Site
- (3) Certification Statement

Copy to:

NORTHNAVFACENCOM, Philadelphia (Code 142)
COMNAVSEASYSOM (SEA-6541)
WES

Written

J. Hunsicker
Same

0924
9/4/90
314



DEPARTMENT OF THE NAVY
NAVAL WEAPONS SUPPORT CENTER
CRANE, INDIANA 47522-5000

IN REPLY REFER TO:

5090/H11.9
0924

18 SEP 1990

U.S. Environmental Protection Agency
Region V, 5HR-13
Attn: Ms. Carol Witt-Smith
230 South Dearborn Street
Chicago, Illinois 60604

Gentlemen:

Submitted for review is the final Interim Measures (IM) report for the Abandoned Compressed Gas Cylinder site adjacent to Building 64. The requirement for submittal of this report was set forth in your letter dated June 29, 1990 and the Corrective Actions portion of the Part B Permit issued to Naval Weapons Support Center Crane (NWSCC) in January 1990.

A total of 41 compressed gas cylinders were removed from the aforementioned site and transported to the demolition range (DR) on August 4, 1990. Enclosure (1) outlines the procedure used for removal and transfer of the cylinder to the DR. Enclosure (2) contains pictures taken during the removal operations. Enclosure (3) is the required certification statement.

A visual inspection of the area conducted after the removal of the cylinders indicated there was no soil contamination present other than some rust off the corroded cylinders. With the submission of this final report NWSCC considers this solid waste management unit closed and that no further action is required at this time.

NWSCC point of contact is Mr. Jim Hunsicker, Code 0924, telephone 812-854-3233.

Sincerely,


J.W. HAYS

Commander, CEC, USN
Public Works Officer
By direction of the
Commanding Officer

Encl:

- (1) Procedure for Removal of Compressed Gas Cylinders
- (2) Pictures of Compressed Gas Cylinders being Removed from Site
- (3) Certification Statement

Copy to:
NORTHNAVFACENCOM, Philadelphia (Code 142)
COMNAVSEASYS COM (SEA-6541)
WES

PROCEDURE FOR REMOVING COMPRESSED GAS CYLINDERS
LOCATED ADJACENT
TO
WATER TOWER AT BUILDING 64

Enclosure (1)

**PROCEDURE FOR REMOVING COMPRESSED GAS CYLINDERS
LOCATED ADJACENT
TO
WATER TOWER AT BUILDING 64**

General Information:

An estimated 45 compressed gas cylinders were placed in a ditch approximately 300 meters west of Building 64. Information and reference material indicates that these cylinders have been in this location greater than ten years. Observations of the markings and guidance from reference materials has helped to eliminate the possibility of the cylinders potential for containing acetylene or any poisonous gases.

Two cylinders are gray and markings indicate contents to be nitrogen. The remainder of the cylinders have residues of yellow paint, but no guidance can be found to indicate any specific color code system has ever been enforced for cylinders other than those used for medical purposes. Additional research is being done to try to determine more specific information on the possible contents of the cylinders.

This procedure is developed to accommodate safe removal of these cylinders even if no other information is obtained.

A meeting was held on 9 May 1990 with representatives from the Fire, Safety, EOD, DRMO and Environmental Protection Branches to discuss options available for removal of these items. At this time several options were discussed on how to handle these cylinders. Such as venting in place, using a magnet to move them from site and place them on a truck and physical removal.

Procedure For Removal:

General Information:

- A. Equipment to be used:
1. Truck mounted crane
 2. Flat bed trailer with nylon strapping
 3. cylinder cradles - (used to stabilize horizontally on flat bed trailer)
 4. nylon slings - (Code 096 should contact Code 0924 for specific type needed)
- B. Personnel involved in removal:
1. 5 Code 0924 personnel
 2. 1 Crane operator from Code 096
 3. 1 Rigger from Code 096
 4. Fire Department Standby
 5. Security personnel to secure area

C. Safety Gear to be used:

1. Gloves
2. Coveralls
3. Safety Shoes
4. Safety Glasses
5. Hard hats
6. Code 0924 standby with self contained breathing apparatus

D. Date for removal to be accomplished:

1. Primary date - 14 July 1990
2. Backup date - 21 July 1990
3. Backup date - 28 July 1990

E. Funding:

1. DERA Salary funding will be used to pay for removal and transportation of the cylinders to Demolition Range.

F. Disposal:

1. Cylinders will be transported to Demolition Range where CAAA personnel will then inert them using shape charges. This procedure is outlined in their current SOP's covering the Demolition Range. The cylinders, after they have been split open, will be turned over to DRMO for resale as scrap metal.

Specific Removal Procedure:

G. Prior to beginning removal a designated meeting/safe area will be established where personnel will meet at if a cylinder begins to leak. This area will be located up wind at least 300 feet from the removal operations.

H. Cylinders will be moved one at a time. The Code 096 rigger will provide the sling device and instruct Code 0924 personnel in its use. The sling device must be assembled in a manner that will support the cylinder horizontally along and up the sides. The bottom and top must be secured so that in the event of a rupture, the cylinder cannot 'Rocket' out of the sling/cradle assembly.

After Code 0924 personnel have placed a cylinder into the sling assembly and the rigger is satisfied it is secure, movement to the flat bed trailer will be directed by the rigger to the crane operator. The crane operator is requested to keep the cylinder assembly as close to the ground as possible during movement. It is also requested that the crane operator attempt to keep the cable length from the end of the boom to the cylinder assembly at a length shorter than the distance from the operators seat to the sling assembly. This is to minimize the possibility of a ruptured cylinder in the sling assembly being able to propel itself on the end of the cable into the operator.

I. During removal if a leaking cylinder is detected, immediately all personnel will evacuate the area and meet at the designated safe area. Thirty minutes will be allowed for cylinder to vent. At the end of that time period Code 0924 personnel will don SCBA's and re-enter the area to check status of cylinder.

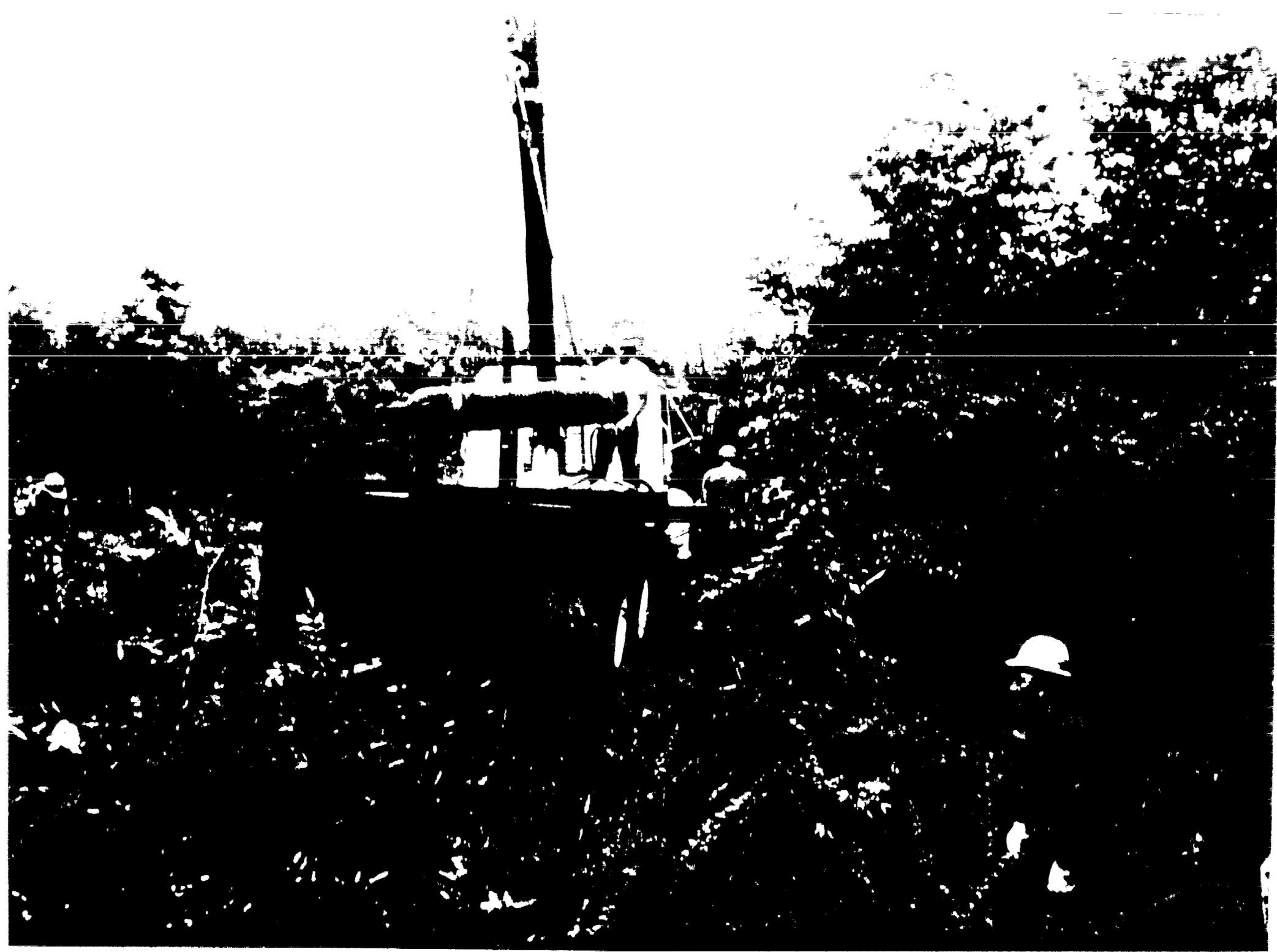
Code 0924 points of contact are Mr. Jim Hunsicker or Mr. Jerry McCracken, extension 3114.

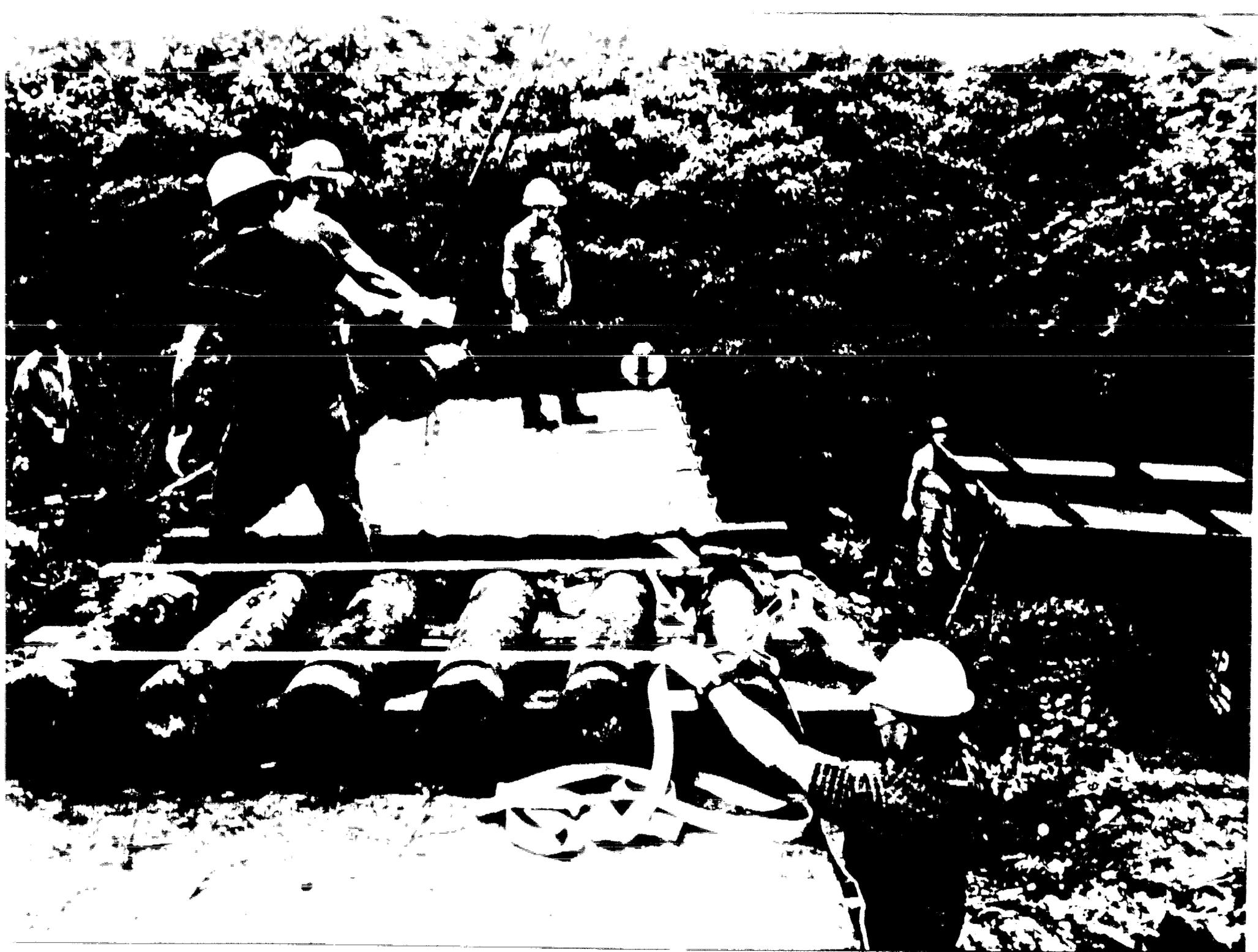














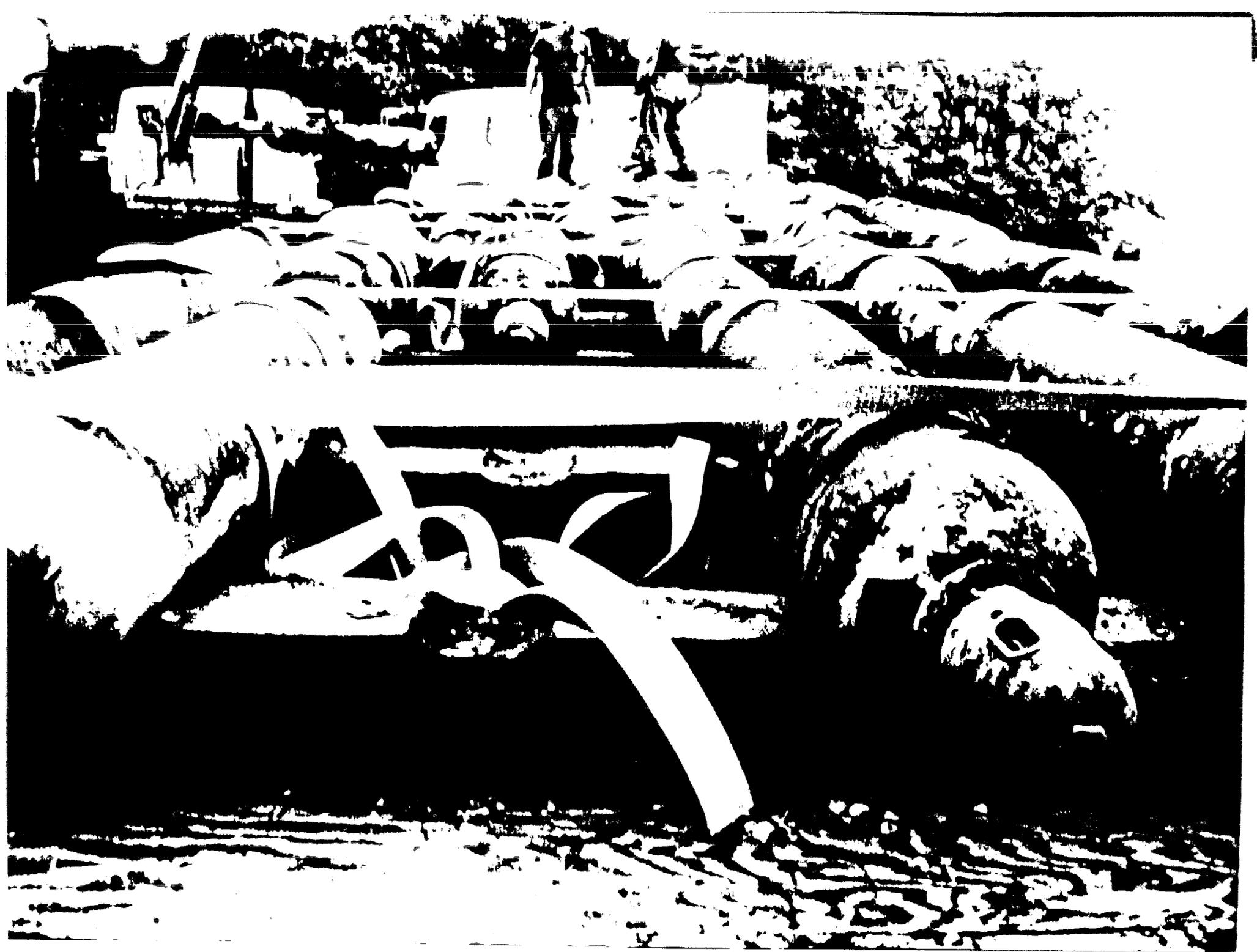




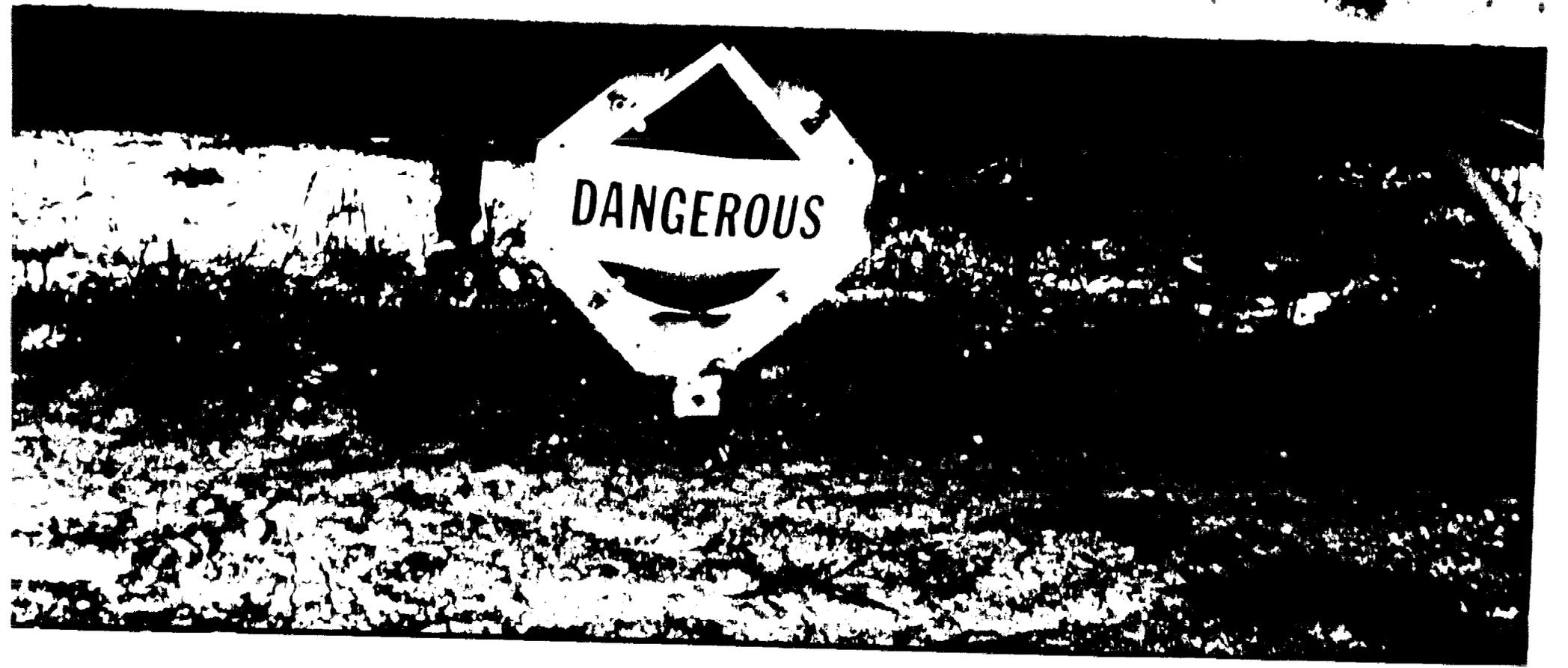


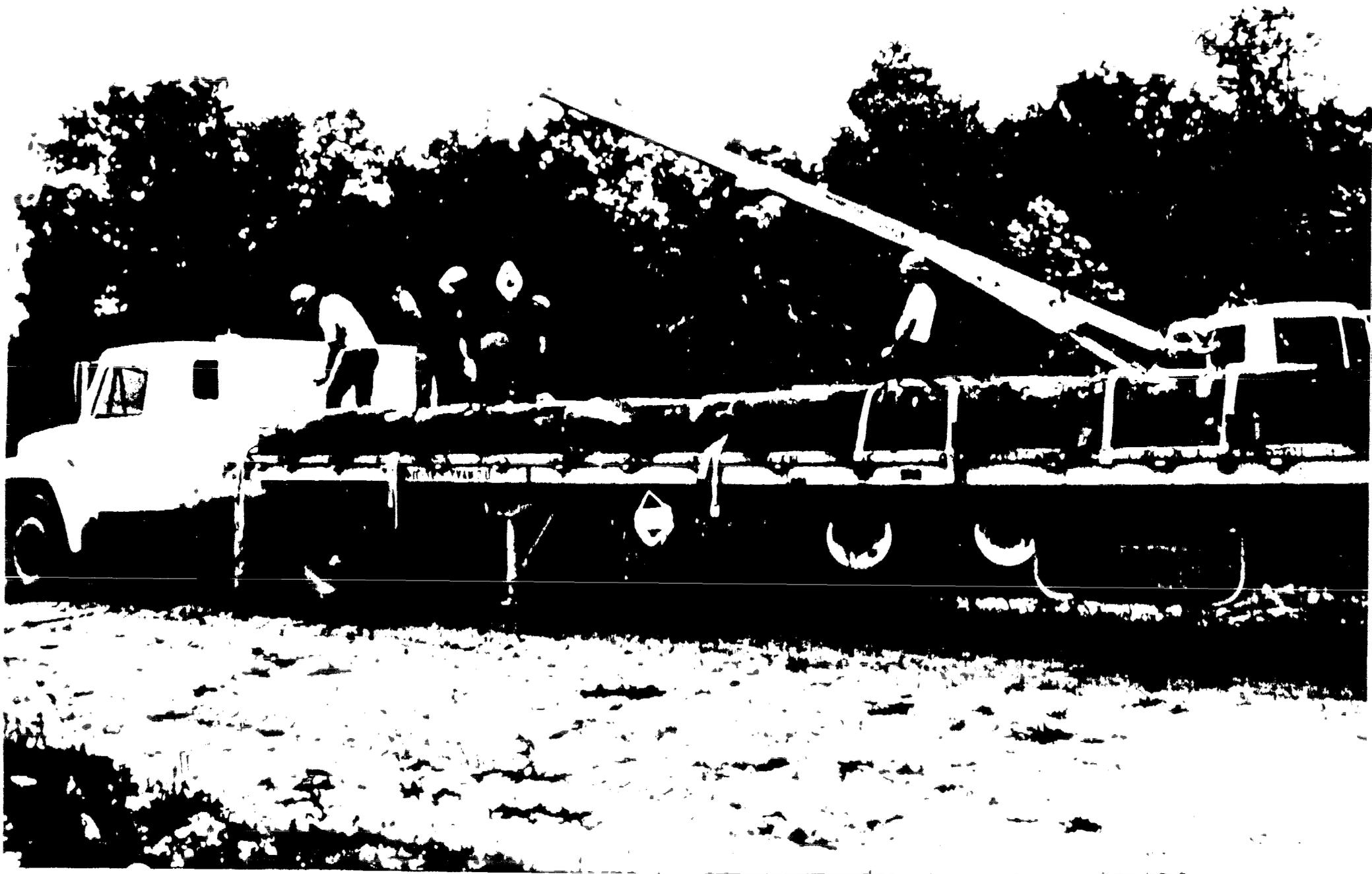


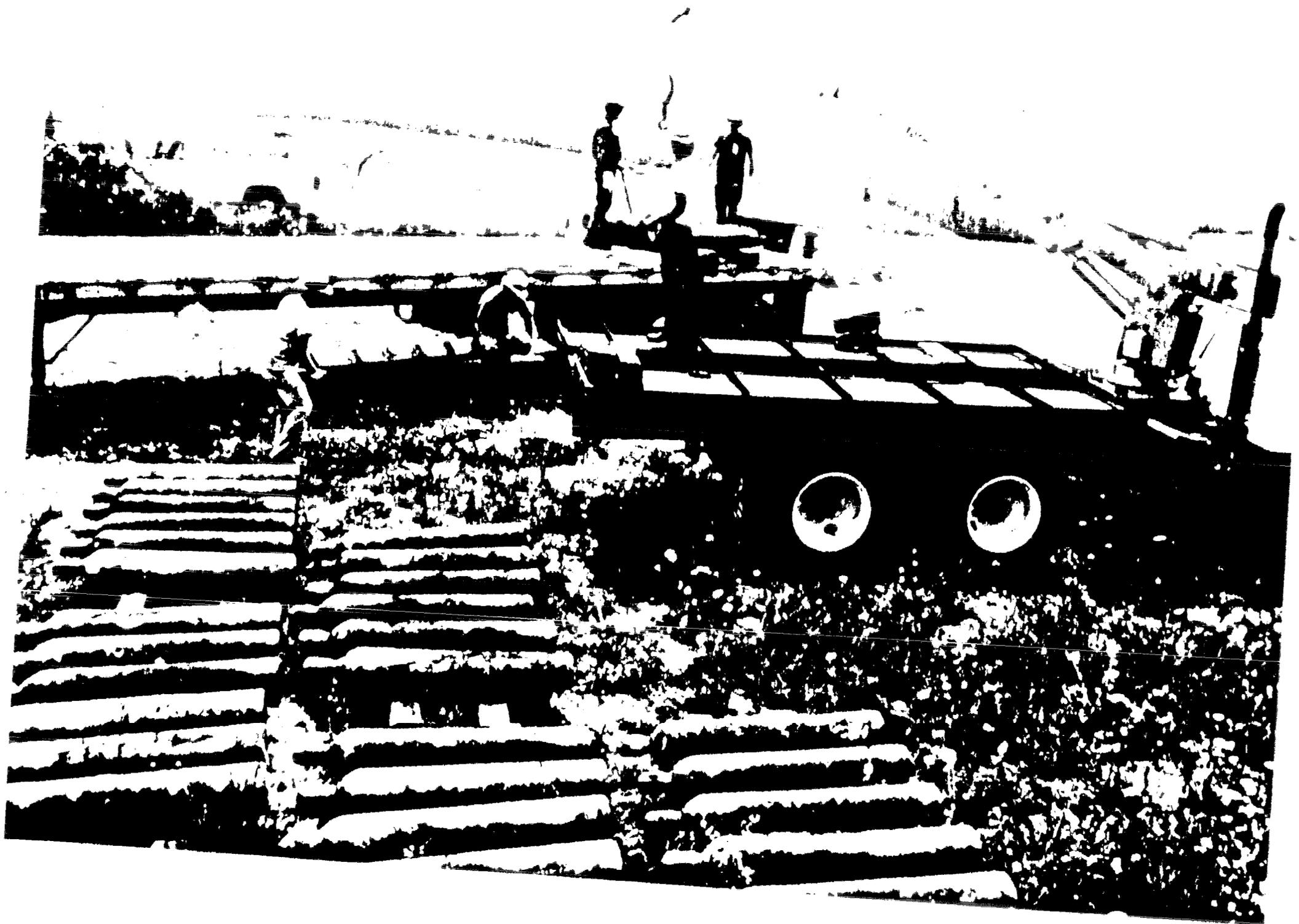


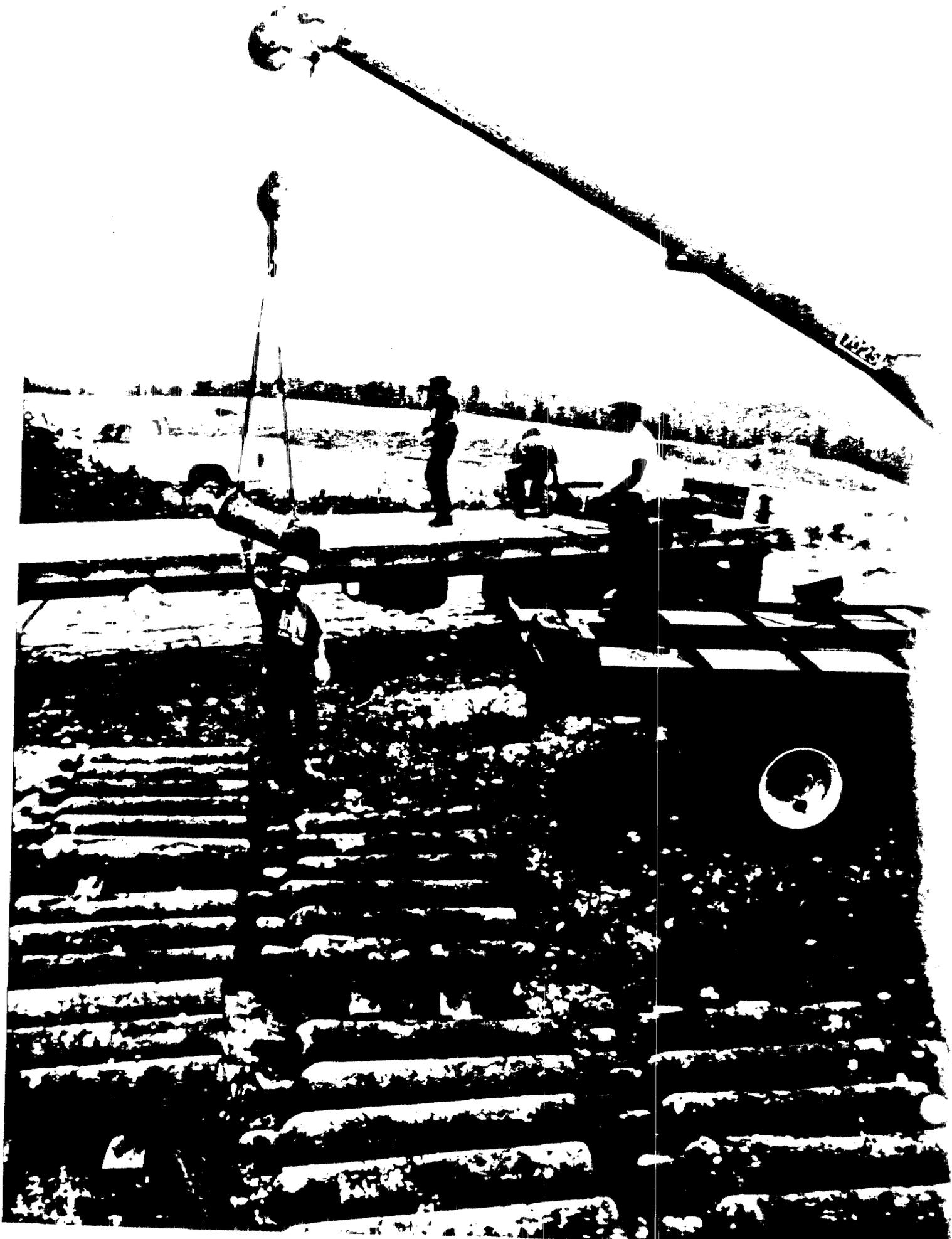


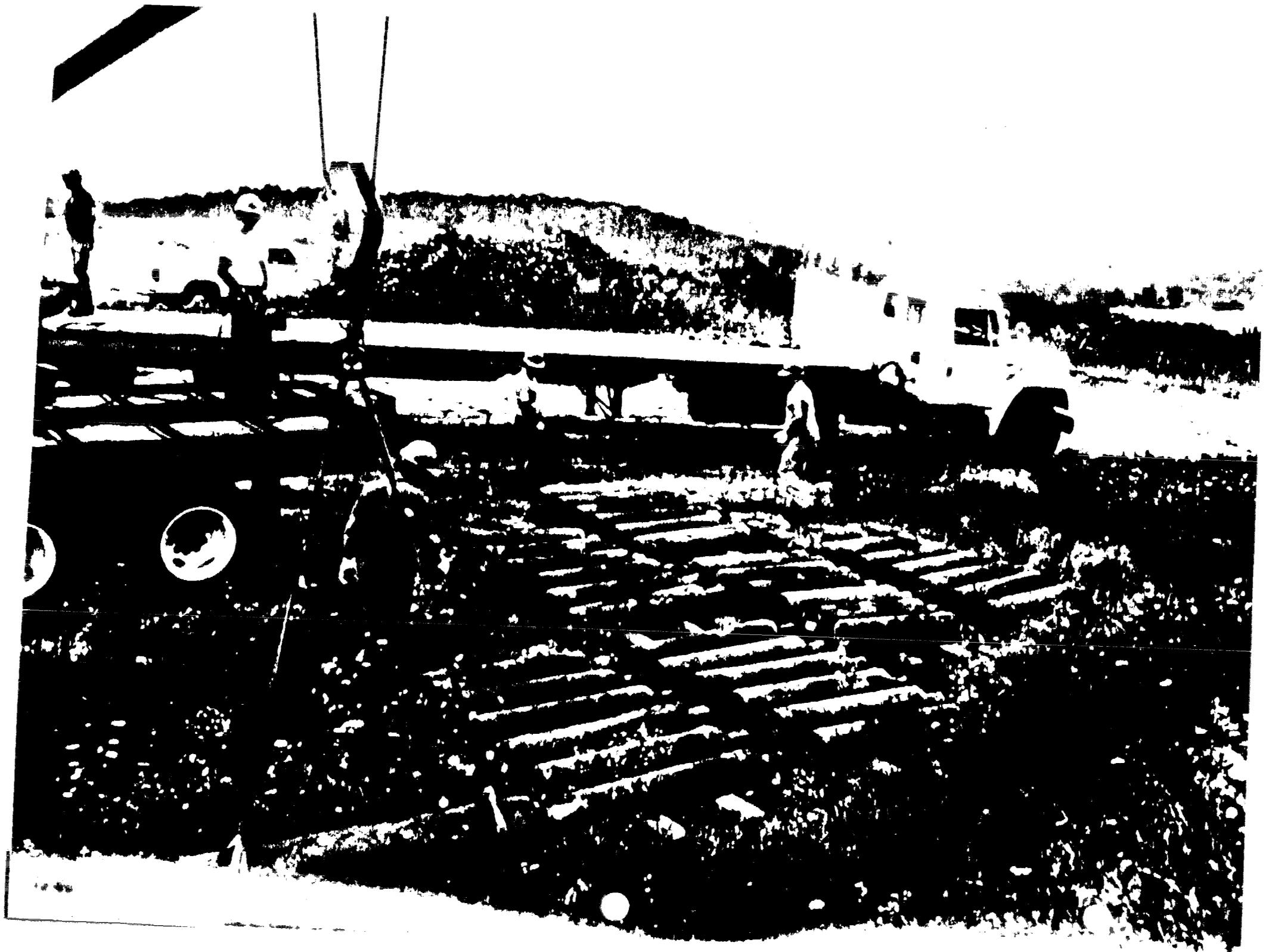


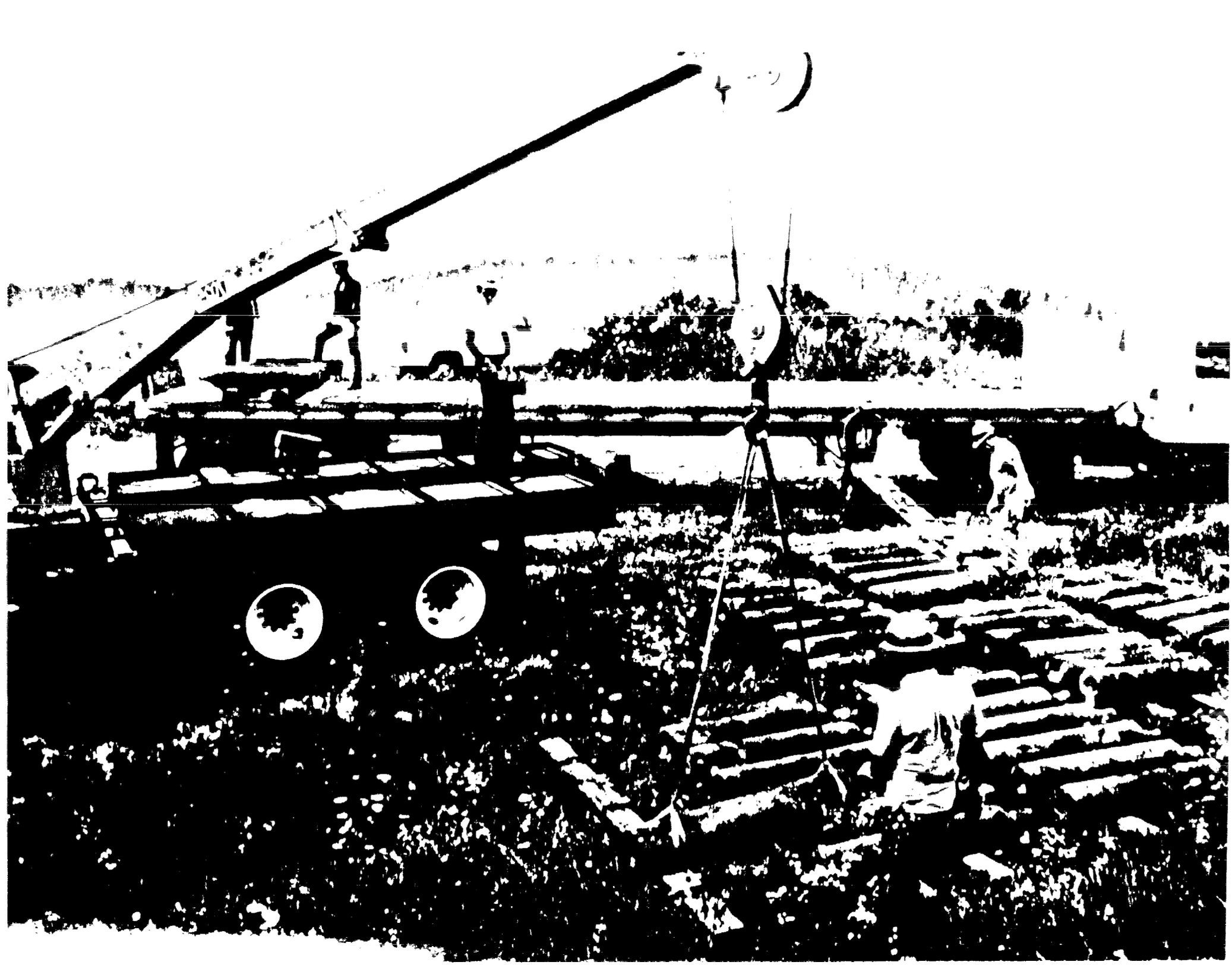










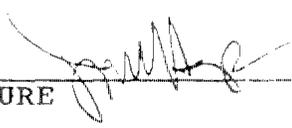




CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE



13 SEP 1990

TITLE

DATE

Enclosure (3)