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6286/11

FAC

DEC 03 1987

North Carolina Division of
Environmental Management
Attn: Mr. Rick Shiver
7225 Wrightsville Avenue
Wilmington, North Carolina 28403-3969

RE: PROGRESS REPORT: JP-5
RECOVERY, MCAS, NEW RIVER

Dear Mr. Shiver:

We are forwarding the November progress report for your information and review. We will provide subsequent updates upon receipt from the contractor.

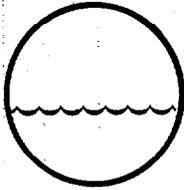
For further information, please contact Mr. Bob Alexander, MCB Environmental Engineer, at (919) 451-3034.

Sincerely,

T. J. DALSELL
Colonel, U. S. Marine Corps
Assistant Chief of Staff, Facilities
By direction of the Commanding General

Encl:
(1) Progress Report

Copy to:
CMC (LPL)
→ LANTNAVEACENCOM (Code 114)
CC MCAS NR



SPECIALIZED MARINE, Inc.

P.O. Box 813

Wrightsville Beach, NC 28480

(919) 256-5780

November 9, 1987

U. S. Marine Corps Base
Commander General
Assistant Chief of Staff - Facility
ATTN: Mr. Bob Alexander
Camp Lejeune, NC 28452-5001

RE: Jet Fuel Clean-Up
White Street, MCAS
Camp Lejeune, NC

Dear Bob:

Attached is our monthly monitoring report for the JP-5 clean-up at Camp Lejeune, NC. An additional copy is also attached for you to forward to Mr. Rick Shiver, P.G., of the NC Division of Environmental Management, 7225 Wrightsville Avenue, Wilmington, NC 28403-3696.

We will continue to closely monitor this project and will report to you again next month. Please feel free to contact this office if you have any questions or requests.

Sincerely,

Burt Lea, President
Specialized Marine, Inc.

Enclosures

ABL/nd

Richard Catlin & Associates, Inc.

CONSULTING ENGINEERS AND HYDROGEOLOGISTS

RC&A

November 9, 1987

Specialized Marine, Inc.
ATTN: Mr. Burt Lea
P. O. Box 813
Wrightsville Beach, NC 28480

RE: JP-5 Clean-up, MCAS
RC&A Project #8636

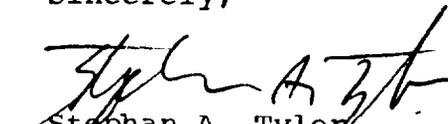
Dear Mr. Lea:

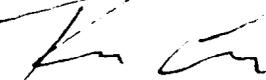
Attached is our monthly monitoring report concerning the JP-5 clean-up project near the Marine Corps Air Station in Camp Lejeune, NC. An additional copy is attached for you to forward to Mr. Rick Shiver, Division of Environmental Management, 7225 Wrightsville Avenue, Wilmington, NC 28408-3696.

Figure 1 shows a diagram of the interpolated water table contours. The estimated extent of free-floating JP-5 contamination at the site is illustrated on Figure 2. Figure 3 shows the cumulative recovery of JP-5 over time, as it is collected from the separator by J. Gonzalez, of Specialized Marine, Inc., and the United States Marine Corps fire training personnel.

If you should have any questions or requests, please do not hesitate to contact our office. We will keep you informed of any significant changes.

Sincerely,


Stephan A. Tyler
Project Geologist


Richard G. Catlin, P.E., P.G.
President

Enclosures

SAT/nd

MONTHLY MONITORING REPORT

11/9/87

SITE: JP-5 FUEL OIL RECOVERY, CAMP LEJEUNE, NC

RC&A PROJECT #: 8636

DATE OF LAST REPORT: 9/30/87

MONITORING INTERVAL: MONTHLY

1) WATER TABLE SURFACE

OBSERVATIONS: The monitoring well observations made on 10/26/87 indicate a significant drop in the overall water table surface at the site since last month. A well-developed cone of depression was observed around recovery/monitoring wells R-1 and R-2.

2) CONTAMINATION PLUME

A) OBSERVATIONS: On the 10/26/87 visit accumulations of free product were measured in well W-10, and recovery/monitoring wells R-1, R-2, R-3, W-4 and W-5.

B) DISCUSSION: The free product levels accumulating in well W-10 have decreased since the last monitoring visit. Pumping action continues to accumulate free product in recovery/monitoring wells R-1, R-2, R-2, W-4 and W-5.

3) RECOVERY PROGRESS

OBSERVATIONS: The ejector pump in recovery/monitoring well W-5 has become disconnected and lodged in the bottom of the well. The two operating ejector pumps in wells R-1 and R-2 continue to depress the water table and recover free product.

On the last site visit, 0.88' of recovered product was noted in the separator. This figure represents an increase of 0.59' in the past month. No recovered product was reportedly removed from the separator since the last report. To date, a total of 4,043 gallons (see Figure 3) of recovered JP-5 has been removed from the separator by J. Gonzales of Specialized Marine, Inc., and the U. S. Marine Corps training personnel.

CALCULATED BY: SAT
DATE: 11/9/87

CHECKED BY: JRW
DATE: 11/9/87

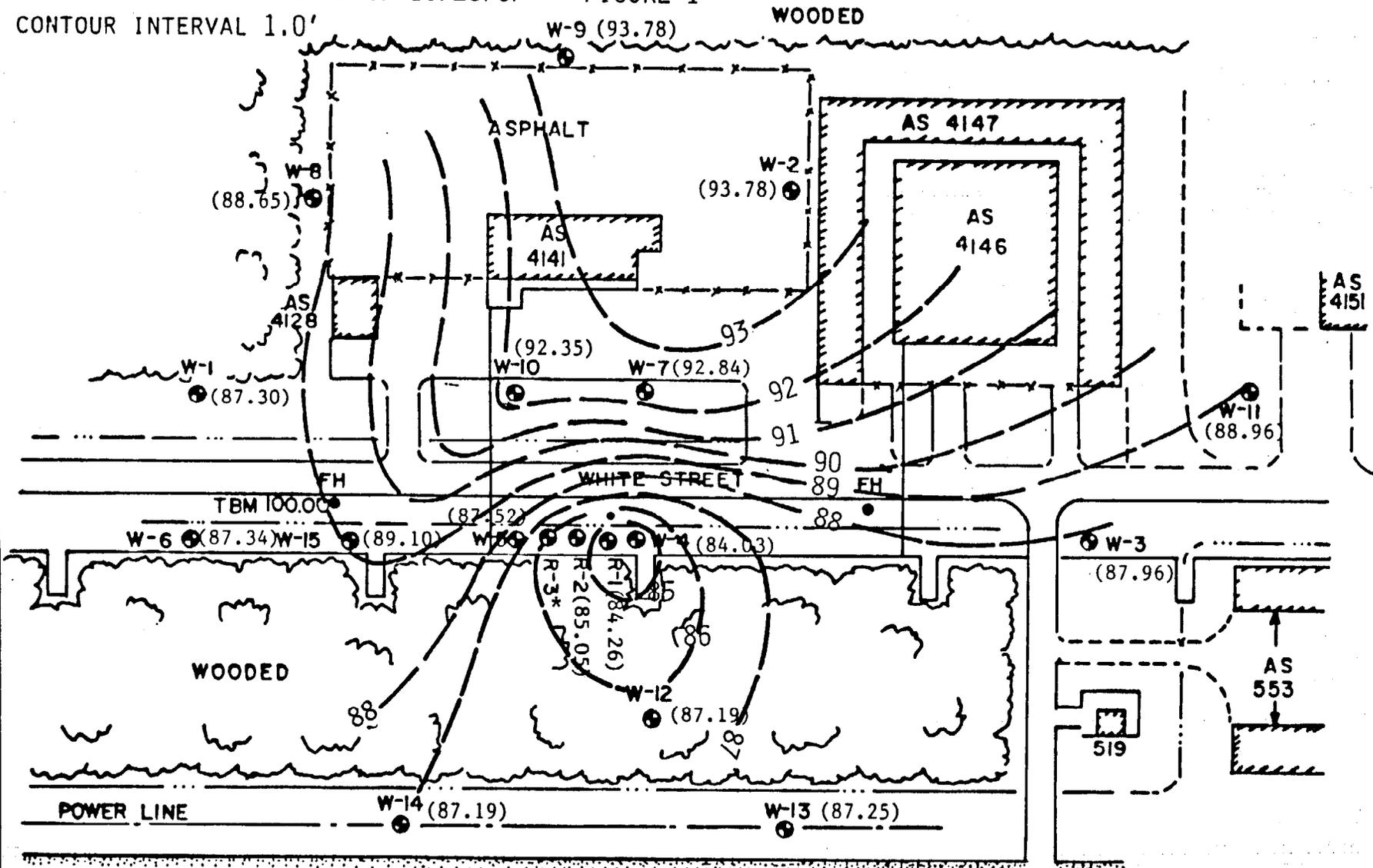
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JP-5 CLEAN-UP MCAS

WATER TABLE CONTOURS AS OF 10/26/87
 FIGURE 1
 CONTOUR INTERVAL 1.0'



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* Water Table Below Screened Interval

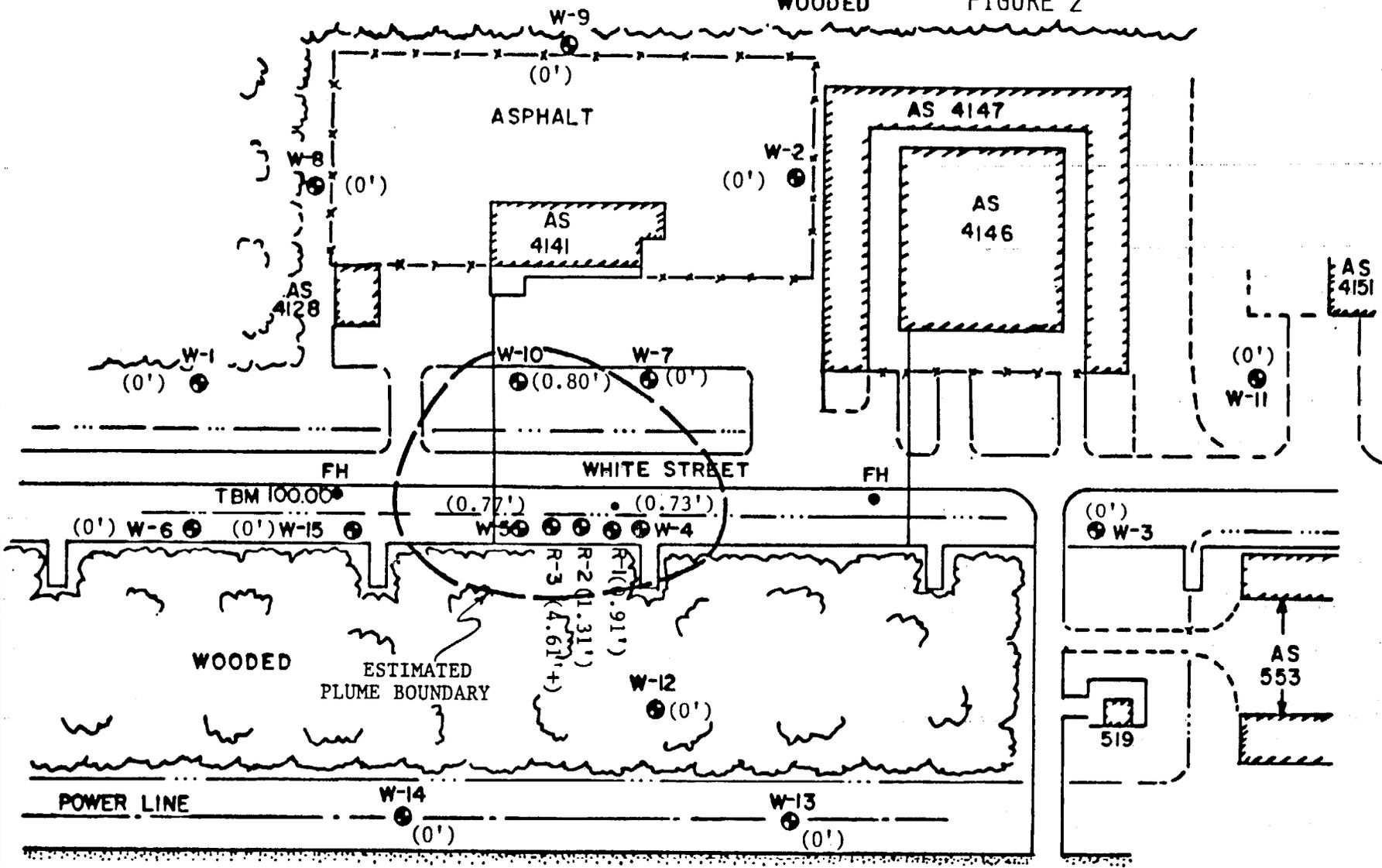
SCALE: 1" = 100' N

JP-5 CLEAN-UP MCAS

ESTIMATED PRODUCT PLUME BOUNDARY AS OF 10/26/87

WOODED

FIGURE 2



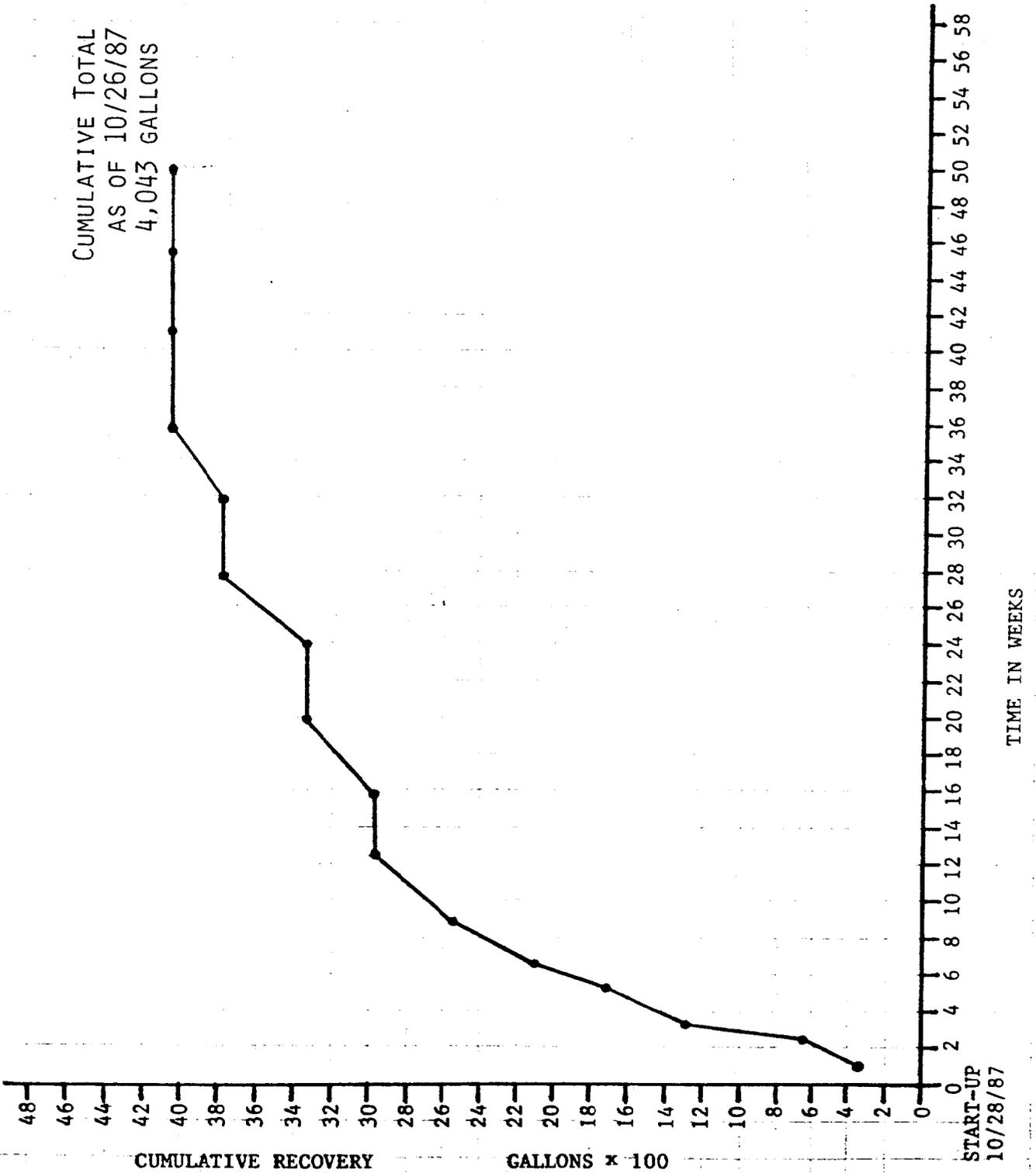
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SCALE: 1" = 100' N

JOB: M.C.A.S. , New River COMPUTED BY: S.A.T. DATE: 10/27/87

DESCRIPTION: PRODUCT RECOVERY CHECKED BY: R.G.C. DATE: _____

FIGURE 3



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