

01.02-03/03/87-02079



UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542-5001

6280/11
FAC

MAR 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 January progress report for your information and review. We will provide subsequent updates upon receipt from the contractor.

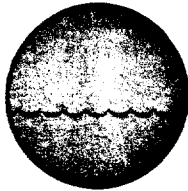
For further information, please contact Mr. Bob Alexander, MCB Environmental Engineer at (919) 451-3034.

Sincerely,

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

Encl:
(1) Progress Report

Copy to:
CMC (LFL)
LANTNAVFACENGCOM (Code 114)
CO, MCAS, NR



SPECIALIZED MARINE, Inc.

P.O. Box 813

Wrightsville Beach, NC 28480

(919) 256-5780

February 16, 1987

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

RE: Jet Fuel Clean-Up
White Street, MCAS
Camp Lejeune, N. C.

Dear Bob:

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

JOB: JP-5, CAMP LEJEUNE, MCAS COMPUTED BY: SAT DATE: 2/4/87
DESCRIPTION: Monitoring CHECKED BY: RGC DATE: 2/4/87

MONTHLY ASSESSMENT
MONITORING REPORT

1) WATER TABLE SURFACE:

A) OBSERVATIONS: Data from our latest visit indicates that the water table geometry and flow direction have remained relatively unchanged since last month's report.

2) CONTAMINATION PLUME:

A) CHANGES SINCE LAST REPORT: Two piezometers were installed at the site - one piezometer was 22' west of recovery well R-2, the other was 10' east of recovery well R-2. To date, neither has accumulated any free floating JP-5.

B) OBSERVATIONS: This month's interpolated contamination plume continues to be relatively the same as those observed previously. Recoverable volumes of free floating JP-5 were again found in monitoring wells #W-4, #W-10, #R-3 and recovery wells #R-1, #R-2 and #W-5.

3) RECOVERY SYSTEM:

A) DISCUSSION: The recovery system has been functioning properly during this past month. To date, approximately 2,957 gallons of recovered JP-5 have been removed from the separator by J. Gonzalez, of Specialized Marine, Inc., and the U.S.M.C.

JOB: JF-5, MCAS, Camp Lejeune COMPUTED BY: SAT DATE: 2/5/87

DESCRIPTION: Monthly Monitoring CHECKED BY: RGC DATE: 2/5/87

DATA REDUCTION OF MEASUREMENTS TAKEN 1/28/87

WELL #	WATER TABLE ELEVATION*	PRODUCT THICKNESS (IN FEET)
R-1	87.15	2.94'
R-2	84.69	0.62'
R-3	90.77	1.51'
W-1	90.72	-
W-2	94.77	-
W-3	90.37	-
W-4	90.94	10.22'
W-5	86.27	2.51'
W-6	88.61	-
W-7	94.57	-
W-8	96.14	-
W-9	95.97	-
W-10	94.51	0.41'
W-11	89.75	-
W-12	90.50	-
W-13	90.14	-
W-14	90.11	-
W-15	93.13	-

* Adjusted for Specific Gravity Influence of Floating Product.

Richard Catlin & Associates, Inc.

CONSULTING ENGINEERS
AND HYDROGEOLOGISTS

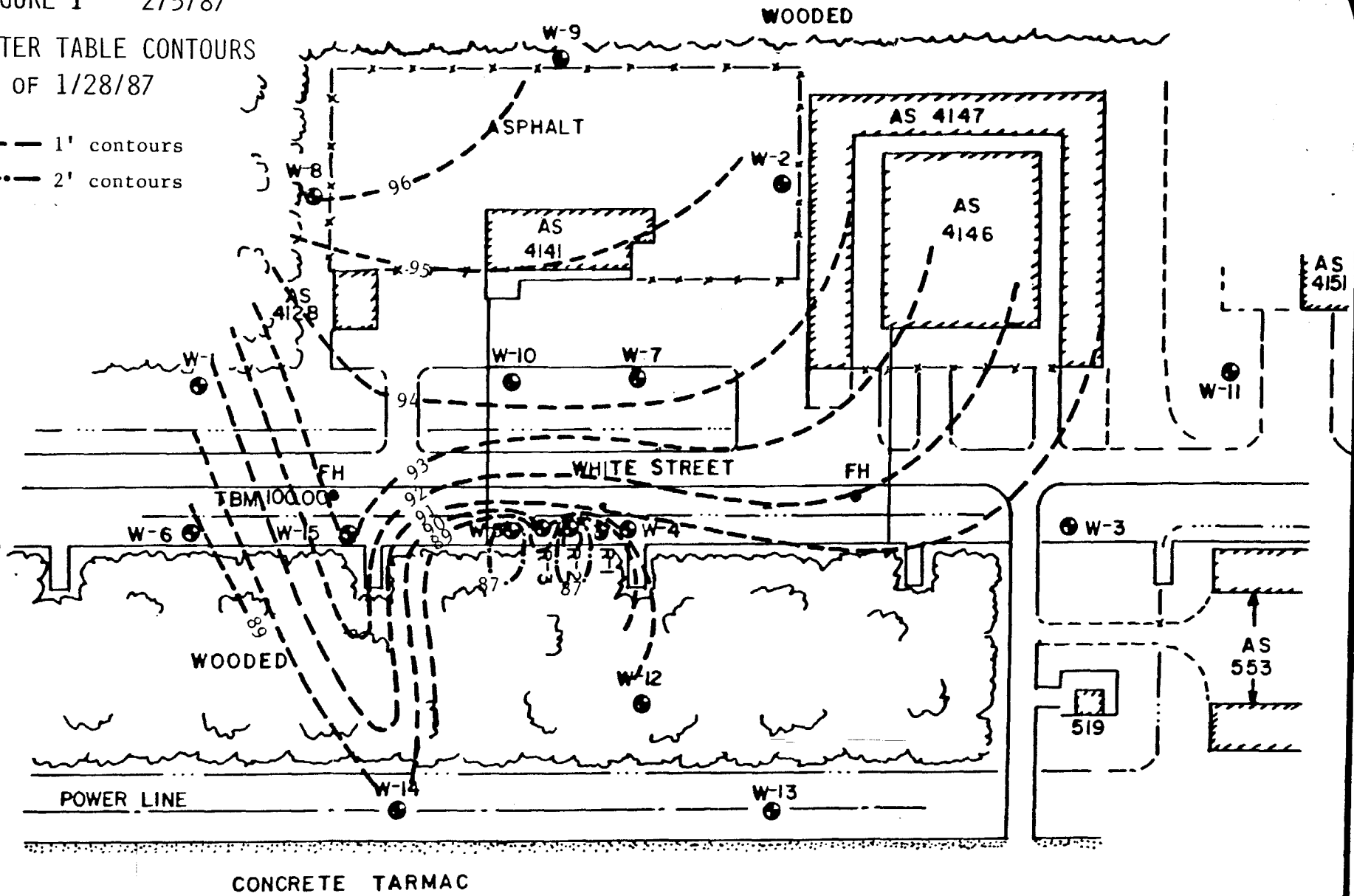
RC&A

JP-5 CLEAN-UP MCAS

FIGURE 1 2/5/87

WATER TABLE CONTOURS
AS OF 1/28/87

--- 1' contours
- - - 2' contours

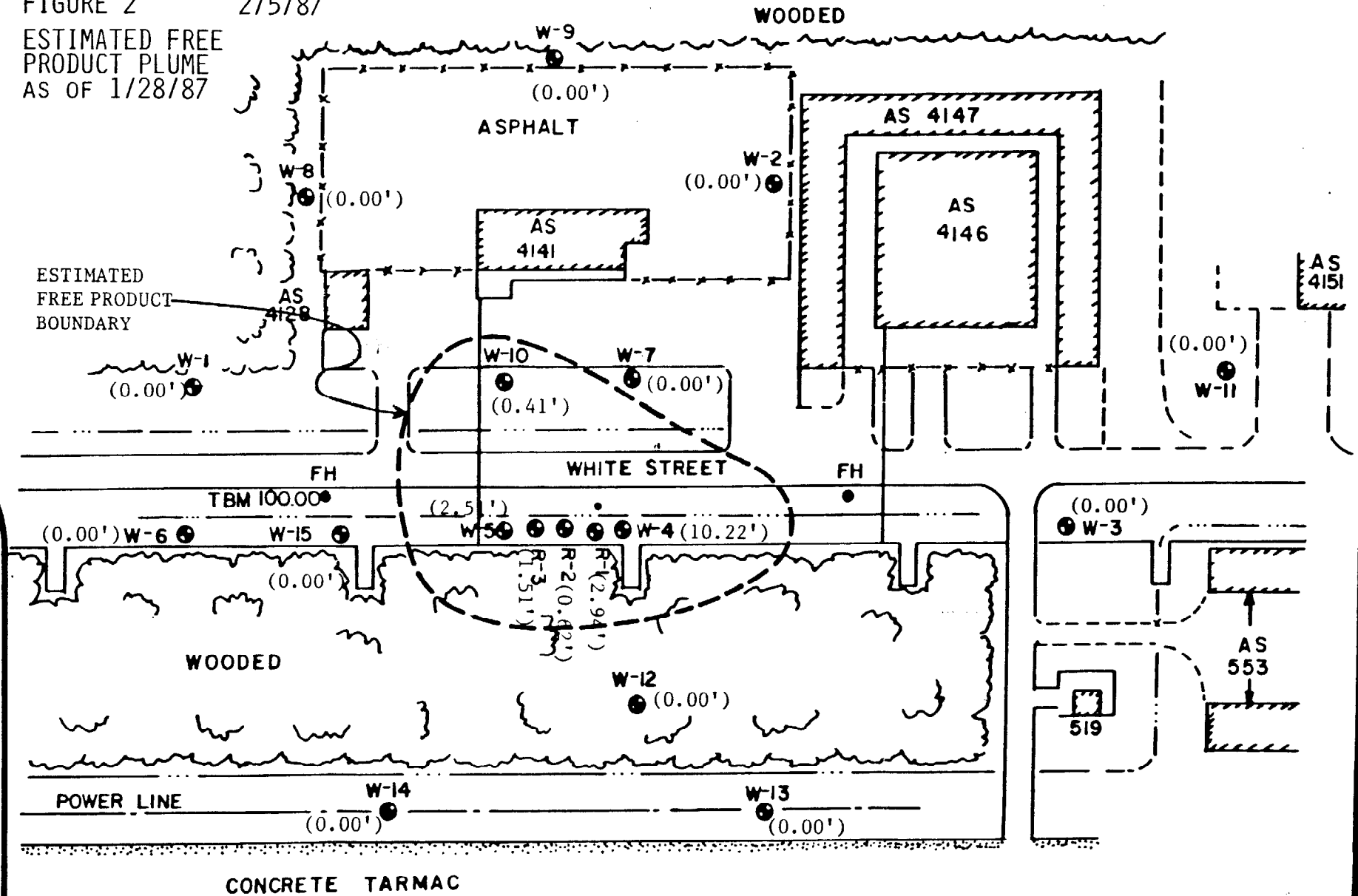


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JP-5 CLEAN-UP MCAS

FIGURE 2 2/5/87

ESTIMATED FREE
PRODUCT PLUME
AS OF 1/28/87



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AND HYDROGEOLOGISTS

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SCALE: 1" = 100' N

JOB: M.C.A.A. NEW RIVER, JP-5 COMPUTED BY: SAT DATE: 2/10/87

DESCRIPTION: MONYHLY MONITORING CHECKED BY: RGC DATE: 2/11/87

start-up
10/28/86

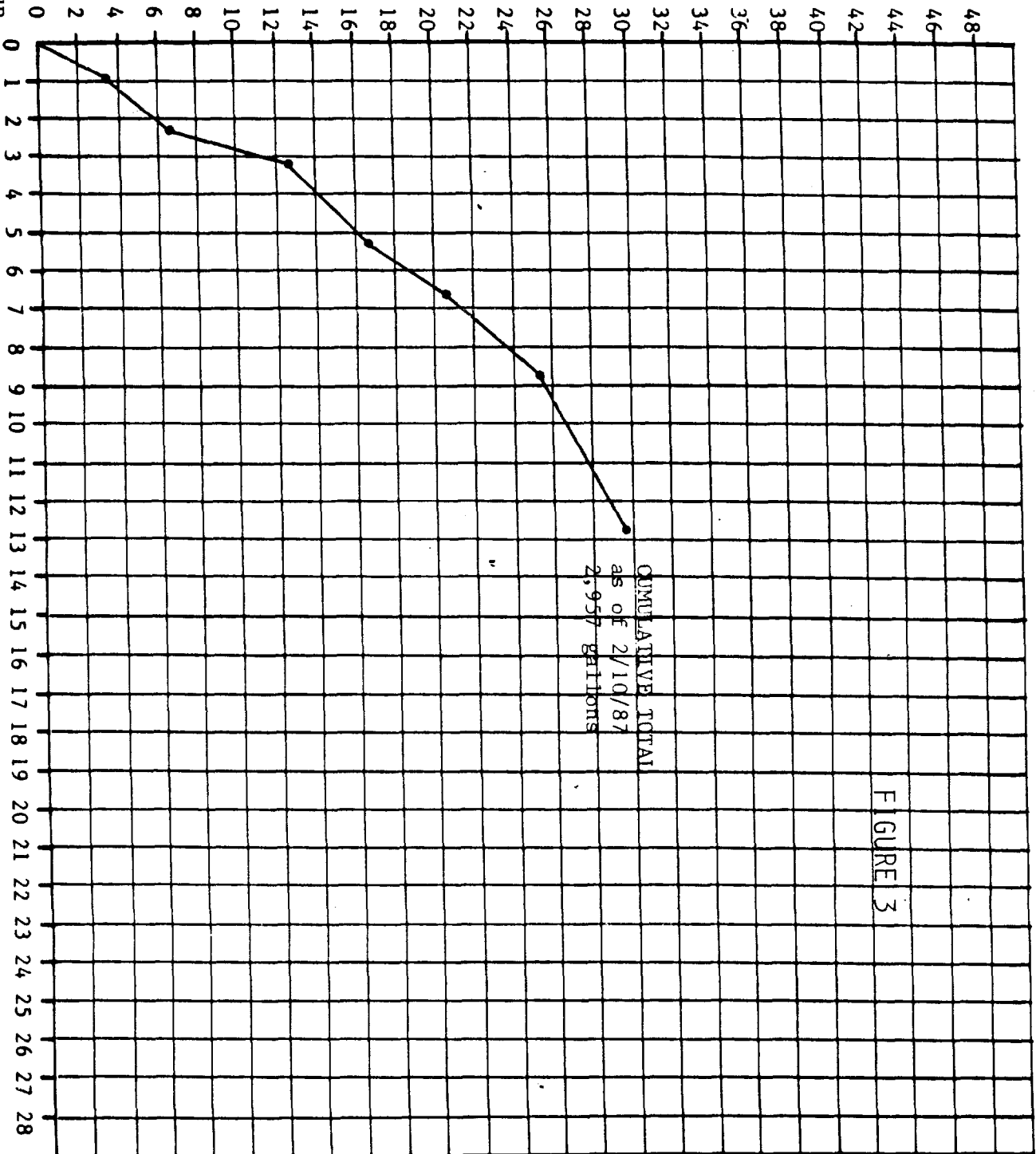


FIGURE 3

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