COMPANY CONFIDENTIAL

Monsanto

Anniston Plant

TECHNICAL SERVICES DEPARTMENT

MONTHLY REPORT

Anniston

J. T. Bell
J. L. Corder
A. G. Hill
G. L. Jessee
L. C. Lahman
J. C. Landwehr
H. E. Schulte
W. F. Taffee

General Offices

H. C. Carder
D. Danna (5)
M. W. Farrar
P. B. Hodges
F. J. Holzapfel
D. B. Hosmer
R. E. Howard
W. K. Johnson
C. F. Luecke
W. R. Richard
W. R. Robirds
C. W. Roos
J. R. Savage
J. E. Smith
J. A. Stephens

South Second St.

P. O. DeGarmo

Other Locations

A. H. Forsten - Alvin, Texas

D. W. Jackson - W.G.K.

Summary

FEBRUARY 1971

Specialty Products

The use of purchased hydrogen and increasing hydrogen efficiency by overlapping the autoclave batch cycles demonstrated HB-40's ability to run at design rate of 19.2M lbs./yr. at 76% on stream time. February was a record (1.6M lbs.) production month. Purchased hydrogen will be needed throughout 1971 to raise o.s.t., and an AFE ($15M NFC) will be submitted early March to set up a more permanent system.

Completed evaluation of Standby Propane Fuel System and started preparation of project scope report for a $200M range project. The report is scheduled for completion on or before March 15.

The Polyphenyl Pilot experimental work directed toward measuring the accumulative effect of three-point injection of cumene on polyphenyl conversion is 50% complete. Target date for completion of this phase is 3/15/71.

Agricultural Division

A fine Matrix effort by TSD, PR&D, Maintenance, Production and Ag Research resulted in the development of a process, analysis methods, installation of piping and initial production of ultra pure Ethyl PCT. This product has a yearly sales potential of 2.0M - 6.0M lbs./year.

PR&D studies on the recycle of filtered organic residue from 96% chlorinated Methyl Intermediate into the next thio acid charge have been completed. The report is now being compiled for issuance on 3/10/71.

DSW 551616

N-306

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Agricultural Division - continued

The programmer necessary to automatically optimize steam input into Niran stills (#1 still) was installed and checked out the week of 2/22/71. A test run on Ethyl is scheduled to begin the week of 3/1/71. This data is necessary in order to determine the optimum steam profile required to achieve targeted savings of $8500/year per still.

Construction is 90% complete on instrumentation necessary to optimize chlorine input to Niran chlorinators. New chlorine feed valves are scheduled for delivery the week of 3/8/71. Project yield savings are estimated at $57,000/year.

Quality Control

The Plant Quality Control Score was 92.8, up 3.0 from January, with a YTD score of 91.9. Plantwide quality control is at highest level since mid-1969.

Pollution Control

Analysis of all fish samples collected in December were completed and the data has been forwarded to the consultants for interpretation. Dr. Patrick Atkins (University of Texas) visited the plant February 23 to review Monsanto's Parathion Waste Treatment practices. These will be used in a technical report which he is writing for the Environmental Protection Agency.

J. C. Landwehr

:kd

PLANT LABORATORIES

ANALYTICAL AND QUALITY CONTROL - S. O. Kemp

Complaint Report

Quality

Number	Material	Customer	Reason
NY-20-P	PNP	Stauffer	Hardened in Drum

YTD Quality Complaints/100 Shipments 0.33

Target 0.20

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COMMUNITY RELATIONS, PERSONNEL, RECRUITING AND DEVELOPMENT

Community Relations

1. J. L. Brown judged Science Fair at Anniston High School on 2/6/71.

2. The Anniston Plant hosted a visit by the Student Chapter of AIChE of Georgia Tech on 2/6/71.

3. E. G. Wright judged Science Fair at Walter Wellborn High School on 2/15/71.

4. S. O. Kemp judged Science Fair at Johnston Jr. High School on 2/25/71.

5. The Anniston Plant hosted the February meeting of the Central Alabama Section of the AIChE. Mr. Fred Holzapfel spoke on the Matrix Approach for Manufacturing and Engineering Organizations.

Personnel Development

1. J. T. Bell visited Pensacola, Florida on February 23-25 to attend Federal-State Water Pollution Enforcement Conference for Escambia Bay.

2. L. L. Faulkner has been promoted to Production Supervisor, NED, Pensacola, Florida.

Visitors

1. Dr. Fred Lippman visited the Anniston Plant on February 8 & 9 to assist in analysis of Ethyl PCT Special and review PR&D projects in Parathion area.

2. Mr. E. G. Volz, S&PP CED St. Louis, visited 2/15/71 to make an S&PP survey.

3. Mr. F. J. Holzapfel visited the plant on February 22-23 to review alternate fuel proposals and department objectives.

4. Dr. Pat Atkins and Rolando Flores, University of Texas, visited the plant 2/23/71 to discuss Parathion Waste Treatment, and gathering data for Environmental Protective Agency technical report on the Industrial Treatment of Pesticide Wastes.

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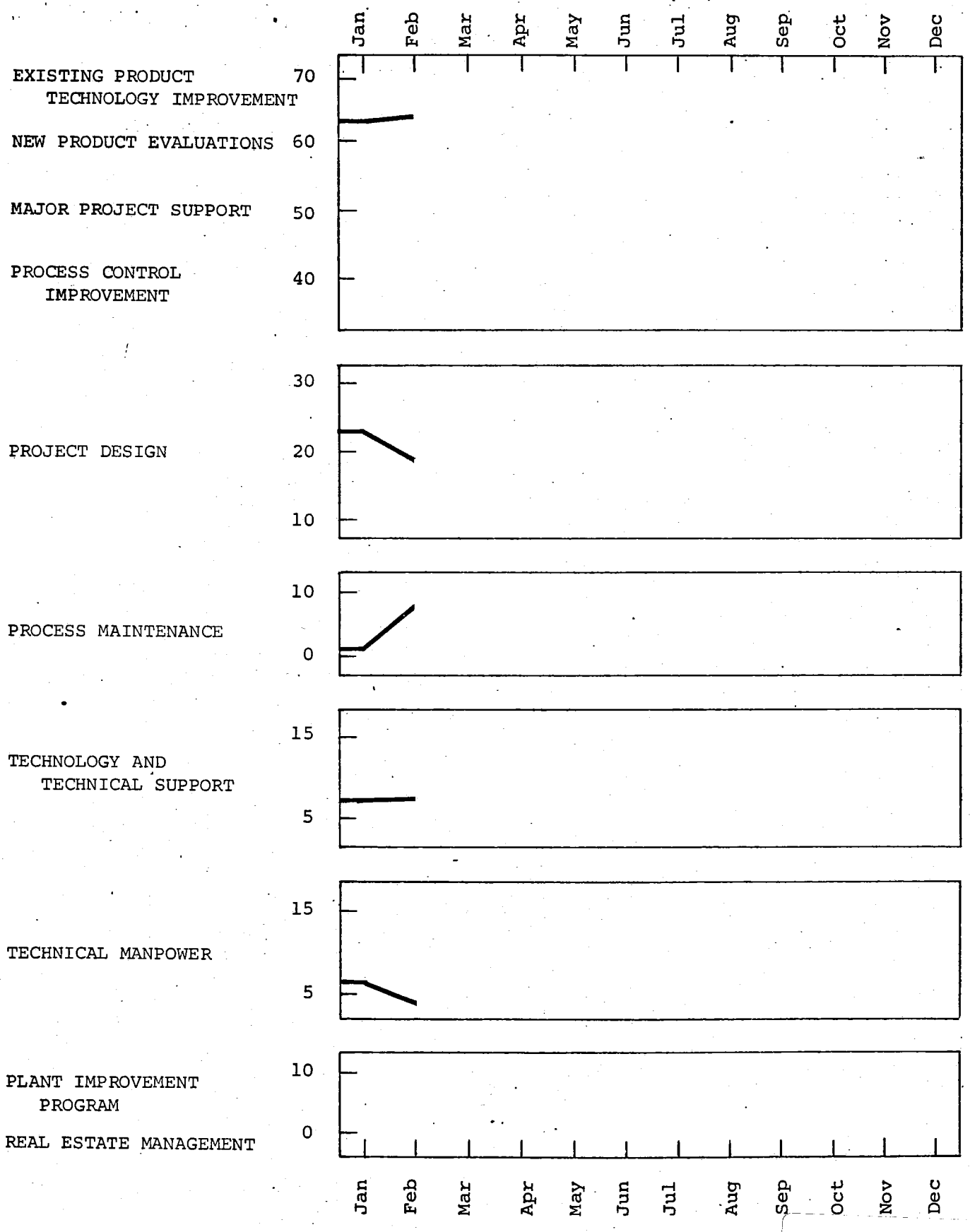
1971 DISTRIBUTION OF TIME BY TECHNICAL SERVICE



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