

ACKNOWLEDGMENT

The authors express their gratitude to Dr. Jule Rabo and Prof. Dr. Hans Schulz for helpful discussions. Furthermore, Prof. Schulz generously furnished us with a copy of the three volume Schering report on the Fischer-Tropsch process.

Dr. Hayim Abrevaya was the principal investigator during the early stages of this contract and was available as a consultant throughout.

Dr. Lewis Liu, who was a co-op student with us, is responsible for the mathematical treatments which allowed calculation of α_1 and α_2 after the fashion of Satterfield. Furthermore, he did the work which allowed comparison of our data to previous worker's data in a known kinetic rate expression.

Tony Polak, then of UOP, wrote an in-house review of Fischer-Tropsch related surface science studies in 1982. This has been useful throughout this contract and particularly so as background in writing the final report.

Prof. Burt Davis and the other Fischer-Tropsch team members at the University of Kentucky as well as Professor Dragomir Bukur of Texas A & M University also were helpful and always willing to share data from their slurry phase Fischer-Tropsch experiments. The Air Products and Chemicals, Inc. team was very forthcoming and helpful during our participation in the Fischer-Tropsch

Demonstration run at LaPorte, Texas.

In addition to the undersigned, the Fischer-Tropsch team at UOP included at various times the following individuals: Dr. Hayim Abrevaya, Dr. Michael Quick, Dr. Alan van Til, Dr. Susan Lambert, Dr. Steven Bradley, Dr. Michelle Cohn, Frank Dobbs, William Targos, Elaine Schumacher, Sheila Adami, Robert Wasberg, Mark Heynis, Steve Bass and Kevin Kocis.

Finally, we acknowledge the team at DOE, both from the PETC, particularly Dr.'s Udaya Rao and Gary Stiegel, and Washington, D.C. offices for their helpful support during this work.

Robert R. Frame

Hemant B. Gala