

Table of Contents

	<u>Page</u>
Disclaimer	1
Abstract	2
Table of Contents	4
Executive Summary	5
Task 1. Iron Catalyst Preparation	8
Task 2. Catalyst Testing	8
Task 3. Catalyst Characterization	23
Task 4. Wax/Catalyst Separation	23
Task 5. Oxygenates	28
Task 6. Literature Review of Prior Fischer-Tropsch Synthesis with Co Catalysts	28
Task 7. Co Catalyst Preparation	28
Task 8. Co Catalyst Testing for Activity and Kinetic Rate Correlations	31
Task 9. Co Catalyst Life Testing	53
Task 10. Co Catalyst Mechanism Study	53
Task 11. University of California-Berkeley Subcontract	66
Task 12. Reporting and Management	99