



THE TEXAS COMPANY — MONTEBELLO LABORATORY  
YIELD CALCULATIONS

RUN NO. 62-T  
HOURS 447-471  
CATALYST Fresh CM&S

Table with columns: FRESH FEED, WET GAS, RECYCLE, COMBINED FEED, EFFLUENT, NET CHANGE, YIELD BASIS H2+CO FED. Rows include chemical species like CO, H2, CO2, N2, CH4, C2H4, C2H6, C3H8, C4H10, C4H8, C4H6, C3-C6, and summary rows for TOTAL, H2+CO, H2/CO, Weight Recovery, Pressure, Temperature, Recycle Ratio, Conversion, and Selectivity.

Form ML-11

g/NCM = 16.91 X #/MCF \*9488 MCFH H2 + CO, Bbl/Day = 5421.6 X gal/MCF

THE TEXAS COMPANY — MONTEBELLO LABORATORY  
DATA SUMMARY

RUN NO. 62-T  
HOURS 447-471

Table with columns: OPERATING CONDITIONS, PRODUCT TESTS, CATALYST DATA. Rows include operating conditions (Pressures, Temperatures), product tests (Oxygen, Natural Gas, Generator Outlet, Reactor Inlet, Condenser Inlet, Product Accumulator), catalyst data (Inventory Data, Particle Size, Chemical Analysis, X-Ray Analysis).

THE TEXAS COMPANY — MONTEBELLO LABORATORY  
YIELD CALCULATIONS

RUN NO. 62-U  
HOURS 471-495  
CATALYST Fresh CM&S

Table with columns: FRESH FEED, WET GAS, RECYCLE, COMBINED FEED, EFFLUENT, NET CHANGE, YIELD BASIS H2 + CO FED. Includes rows for CO, H2, CO2, N2, CH4, C2H4, C2H6, C3H8, C4H10, C4H12, C4H8, TOTAL, H2+CO, H2/CO, Weight Recovery, Pressure, Temperature, Recycle Ratio, FRESH FEED CONVERSION, TOTAL FEED CONVERSION, SELECTIVITY, GROSS WATER, HYDROCARBON TOTAL.

Form ML-11

g/NCM = 16.91 X # / MCF      80488 MCFH H2 + CO, Bbl/Day = 5421.6 X gal / MCF

THE TEXAS COMPANY — MONTEBELLO LABORATORY  
DATA SUMMARY

RUN NO. 62-U  
HOURS 471-495

Table with columns: OPERATING CONDITIONS, PRODUCT TESTS, CATALYST DATA. Includes rows for Pressures, Temperatures, Recycle/Fresh Feed, Inlet Velocity, Fresh Feed Rate, Reactor Inlet, Condenser Inlet, Product Accumulator, Catalyst No., Height, and various catalyst analysis results.

THE TEXAS COMPANY — MONTEBELLO LABORATORY  
YIELD CALCULATIONS

RUN NO. 62-V  
HOURS 495-519  
CATALYST Fresh CM&S

Table with columns: FRESH FEED, WET GAS, RECYCLE, COMBINED FEED, EFFLUENT, NET CHANGE, CONDENSATE, YIELDS BASIS BROWNSVILLE DESIGN FEED RATE\*. Rows include various hydrocarbons (CO, H2, CO2, N2, CH4, C2H6, C3H8, C4H10, C5H12, C6H14) and summary rows for H2+CO, H2/CO, and conversion data.

Form ML-11

g/NCM = 16.91 x # / MCF \*9488 MCF H2 + CO, Bbl/Day = 5421.6 x gal / MCF

THE TEXAS COMPANY — MONTEBELLO LABORATORY  
DATA SUMMARY

RUN NO. 62-V  
HOURS 495-519

Table with columns: OPERATING CONDITIONS, PRODUCT TESTS, CATALYST DATA. Rows include pressures (Oxygen, Natural Gas, Generator Outlet, Reactor Inlet, Condenser Inlet, Product Accumulator), temperatures (Oxygen, Natural Gas, Generator, Quench Accumulator, Reactor Inlet, Condenser Inlet, Product Accumulator, Catalyst No., Height), and catalyst data (Inventory, Bed Depth, Vol., Fe, C, H, X-Ray Analysis).

THE TEXAS COMPANY — MONTEBELLO LABORATORY  
YIELD CALCULATIONS

RUN NO. 62-W  
HOURS 519-543  
CATALYST Fresh CM&S

Main yield calculation table with columns: FRESH FEED, WET GAS, RECYCLE, COMBINED FEED, EFFLUENT, NET CHANGE, YIELD BASIS H2 + CO FED, CONDENSATE, YIELDS BASIS BROWNSVILLE DESIGN FEED RATE. Includes rows for CO, H2, CO2, N2, CH4, C2H4, C2H6, C3H8, and various hydrocarbons.

Form ML-11

g/NCM = 16.91 X #/MCF 99488 MCFH H2 + CO, Bbl/Day = 5421.6 X gal/MCF

THE TEXAS COMPANY — MONTEBELLO LABORATORY  
DATA SUMMARY

RUN NO. 62-W  
HOURS 519-543

Operating conditions and catalyst data summary table. Columns: OPERATING CONDITIONS, PRODUCT TESTS, CATALYST DATA. Rows include pressures, temperatures, catalyst inventory, and analysis results.



THE TEXAS COMPANY — MONTEBELLO LABORATORY  
RATE CALCULATIONS

RUN NO. 62-C  
HOURS 46-70

Table with columns: GAS ANALYSES (1400, 2200, 0600, AVERAGE), GENERATOR BALANCE (M/HR, C, H, O, Mol %, M/Hr, C, H, O), WEIGHT BALANCE (#/hr Measured, At Wt. Balance). Rows include FRESH FEED, CO, H2, CO2, N2, CH4, H2O, and various hydrocarbons (C2H6, C3H8, C4H10, C5H12, C6H14, C7H16, C8H18, C9H20, C10H22). Includes sub-sections for WET GAS, GAS FLOW RATES, and LIQUID PRODUCT RATES.

THE TEXAS COMPANY — MONTEBELLO LABORATORY  
RATE CALCULATIONS

RUN NO. 62-D  
HOURS 70-84

Table with columns: GAS ANALYSES (1400, 2200, 0600, AVERAGE), GENERATOR BALANCE (M/HR, C, H, O, Mol %, M/Hr, C, H, O), WEIGHT BALANCE (#/hr Measured, At Wt. Balance). Rows include FRESH FEED, CO, H2, CO2, N2, CH4, H2O, and various hydrocarbons (C2H6, C3H8, C4H10, C5H12, C6H14, C7H16, C8H18, C9H20, C10H22). Includes sub-sections for WET GAS, GAS FLOW RATES, and LIQUID PRODUCT RATES.





THE TEXAS COMPANY — MONTEBELLO LABORATORY  
RATE CALCULATIONS

RUN NO. 62-G  
HOURS 134-158

Table with columns: GAS ANALYSES, GENERATOR BALANCE, WEIGHT BALANCE. Rows include FRESH FEED, CO, H2, CO2, N2, CH4, C2H6, C3H8, C4H10, C4H8, C4H6, C4H4, C4H2, C4H0, M.W., H2O, BALANCE, WET GAS, GAS FLOW RATES, LIQUID PRODUCT RATES.

THE TEXAS COMPANY — MONTEBELLO LABORATORY  
RATE CALCULATIONS

RUN NO. 62-H  
HOURS 158-182

Table with columns: GAS ANALYSES, GENERATOR BALANCE, WEIGHT BALANCE. Rows include FRESH FEED, CO, H2, CO2, N2, CH4, C2H6, C3H8, C4H10, C4H8, C4H6, C4H4, C4H2, C4H0, M.W., H2O, BALANCE, WET GAS, GAS FLOW RATES, LIQUID PRODUCT RATES.

