



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 6209
Run No.
Date of Run 6-27-77
Date Secured

CERTIFICATE OF ANALYSIS

A Sample of Southern Union Gas
Secured from Jarrell Services
At Box 1654
Hobbs, New Mexico 88240
Sampling conditions Press Temp.
Secured by Time Date

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.971		
Air	.385		
Nitrogen			
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	93.601		
Ethane	3.452		.921
Propane	1.007		.277
Butanes			
i-Butane	.197		.064
n-Butane	.208		.065
Pentanes			
i-Pentane	.093		.034
n-Pentane	.038		.014
Hexanes	.009		.004
Heptanes	Plus .039		.017
TOTAL	100.000		1.396

Calc. Sp. Gr. 0.6010
Calc. A.P.I.
Calc. Vapor Press. PSIA
Sp. Gr.
Mol. Wt. 17.42

LIQUID CONTENT (GAL/MCF)

Propane Calc. G.P.M. .277
Butanes Calc. G.P.M. .129
Pentanes Plus. G.P.M. .069
Ethane Calc. G.P.M. .921
RVP Gasoline G.P.M.

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1052
Wet Basis 1034

Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

Run by Debbie Moutray Checked by Approved by

Additional Data and Remarks

629dh