



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HQBBS, NEW MEXICO 88240

No. 4515

Run No.

Date of Run 1-27-76

Date Secured 1-26-76

CERTIFICATE OF ANALYSIS

A Sample of Caffall FD #1 Yates Petroleum Co.
Secured from Coleman Engineering
At Box 1829
Hobbs, New Mexico 88240 Secured by
Time Date
Sampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.116		
Air			
Nitrogen	.390		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	91.462		
Ethane	5.090	1.358	
Propane	1.758	.484	
Butanes			
Iso-Butane	.215	.070	
N-Butane	.386	.021	
Pentanes			
Iso-Pentane	.128	.047	
N-Pentane	.108	.039	
Hexanes	.115	.047	
Heptanes Plus	.232	.099	
TOTAL	100.000	2.265	

Calc. Sp. Gr. 0.6204

Calc. A.P.I.

Calc. Vapor Press. PSIA

Sp. Gr.

Mol. Wt. 17.99

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .484

Butanes Calc. G.P.M. .191

Pentanes Plus. G.P.M. .232

Ethane Calc. G.P.M. 1.358

RVP Gasoline G.P.M.

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.

Dry Basis 1104

Wet Basis 1085

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

Run by Deane Simpson Checked by Approved by

Additional Data and Remarks