



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 4386

Run No.

Date of Run 12-24-75

Date Secured 12-24-75

CERTIFICATE OF ANALYSIS

A Sample of Exxon Company Federal Com #1
Secured from Coleman Engineering Co.
At Box 1829 Secured by _____
Hobbs, New Mexico 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.389		
Air			
Nitrogen	.275		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	90.630		
Ethane	5.466		1.458
Propane	1.734		.478
Butanes			
Iso-Butane	.251		.082
N-Butane	.427		.134
Pentanes			
Iso-Pentane	.312		.114
N-Pentane	.231		.083
Hexanes	.106		.043
Heptanes Plus	.179		.076
TOTAL	100.000		2.468

Calc. Sp. Gr. — 0.6292
Calc. A.P.I. —
Calc. Vapor Press. — PSIA
Sp. Gr. —
Mol. Wt. 18.26

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. _____
Butanes Calc. G.P.M. _____
Pentanes Plus. G.P.M. _____
Ethane Calc. G.P.M. _____
_____ RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1114
Wet Basis 1095
Sulfur Analysis by Titration
Gr./100 Cu. Ft.
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

Run by Deane Simpson Checked by _____ Approved by Deane Simpson

Additional Data and Remarks