



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE 393-6215

HOBBS, NEW MEXICO 88240

No. UCC - 1178

Run No. _____

Date of Run 3-16-70

Date Secured 3-13-70

CERTIFICATE OF ANALYSIS

A Sample of Hansen Oil Company; Buffalo Valley Atoka Gas; Miller Federal #1

Secured from Coleman Engineering, Company

At Hobbs, New Mexico 88240

Secured by _____

Time _____

Date _____

Sampling conditions _____ Press. _____

Temp. _____

Chavez County, New Mexico

FRACTIONAL ANALYSIS

Percentage Composition

MOL% LIQ.% G.P.M.

Carbon Dioxide	.34	
Air		
Nitrogen	.37	
Oxygen		
Hydrogen sulfide		
Hydrogen		
Methane	89.41	
Ethane	6.58	
Propane	2.22	.61
Butanes		
iso-Butane	.28	.09
N-Butane	.51	.16
Pentanes		
Iso-Pentane	.11	.04
N-Pentane	.09	.03
Hexanes Plus	.09	.04
Heptanes		
TOTAL	100.00	.97

Calc. Sp. Gr.— 0.6298

Calc. A.P.I.— _____

Calc. Vapor Press.— _____ PSIA

Sp. Gr.— _____

Mol. Wt.— _____

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .61

Butanes Calc. G.P.M. .25

Pentanes Plus. G.P.M. .11

Ethane Calc. G.P.M. _____

* RVP Gasoline G.P.M. _____

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

Dry Basis 1147

Wet Basis 1127

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide _____

Mercaptans _____

Sulfides _____

Residual Sulfur _____

Total Sulfur _____

Run by Felix B. Foster

Checked by Felix B. Foster

Approved by F. B. Foster

Additional Data and Remarks