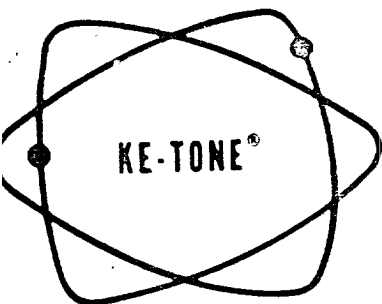




UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE 393-6215

HOBBS, NEW MEXICO 88240

No. 1980

Run No. _____

Date of Run 10-21-71

Date Secured 10-20-71

CERTIFICATE OF ANALYSIS

A Sample of Shenendoah State "L" #1
Secured from Coleman Engineering
At _____ Secured by _____
Time _____ Date _____
Sampling conditions _____ Press. _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL%	LIQ.%	G.P.M.
Carbon Dioxide	.16		
Air	4.19		
Nitrogen			
Oxygen			
Hydrogen sulfide			
Hydrogen	87.14		
Methane	4.92		
Ethane	1.99		.547
Propane			
Butanes	.34		.111
Iso-Butane	.64		.201
N-Butane			
Pentanes	.18		.066
Iso-Pentane	.18		.065
N-Pentane	Plus .26		.107
Hexanes			
Heptanes			
TOTAL	100.00		1.097

Calc. Sp. Gr.— 0.6434
Calc. A.P.I.— _____
Calc. Vapor. Press.— _____ PSIA
Sp. Gr.— _____
Mol. Wt.— _____

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .547
Butanes Calc. G.P.M. .312
Pentanes Plus. G.P.M. .238
Ethane Calc. G.P.M. _____
* RVP Gasoline G.P.M. _____

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

Dry Basis

Wet Basis

1077

1058

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

Original Signed by

FELIX B. FOSTER

Run by Deane Simpson Checked by Felix B. Foster Approved by _____

Additional Data and Remarks