

**NEW-TEX
LAB**P. O. BOX 1161
HOBBS, N.M. 88240No. 4814
Run No. _____
Date of Run 4-17-81
Date Secured 4-16-81**CERTIFICATE OF ANALYSIS**A Sample of Morris Antweil Federal "HG" #1
Secured from Davis Services
At Box 2053 Secured by _____
Hobbs, N.M. 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____**FRACTIONAL ANALYSIS****Percentage Composition**

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	2.620		
Air			
Nitrogen	.794		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	86.005		
Ethane	5.619		1.499
Propane	2.313		.635
Butanes			
Iso-Butane	.412		.134
N-Butane	.728		.229
Pentanes			
Iso-Pentane	.208		.076
N-Pentane	.196		.071
Hexanes	.231		.095
Heptanes	.875		.403
Octanes			
TOTAL	100.000		3.142

Calc. Sp. Gr.— 0.6847
Calc. A.P.I.— _____
Calc. Vapor Press.— _____ PSIA
Sp. Gr.— _____
Mol. Wt.— 19.91**LIQUID CONTENT (GAL./MCF)**Propane Calc. G.P.M. .635
Butanes Calc. G.P.M. .363
Pentanes Plus. G.P.M. .645
Ethane Calc. G.P.M. 1.499
* RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A. 1139
Dry Basis 1119
Wet Basis _____
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**