

NEW-TEX LAB

P. O. BOX 1161
HOBBS, N.M. 88240

No. 4155
Run No.
Date of Run 11-4-80
Date Secured 11-3-80

CERTIFICATE OF ANALYSIS

A Sample of Chama Pennzoil Federal #1
Secured from Jarrel Services
At Box 1654 Secured by
Hobbs, N.M. 88240 Time Date
Sampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.620		
Air			
Nitrogen	.862		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	82.077		
Ethane	9.383	2.502	
Propane	4.795	1.316	
Butanes			
Iso Butane	.517	.169	
N Butane	.932	.293	
Pentanes			
Iso-Pentane	.222	.081	
N Pentane	.199	.072	
Hexanes	.176	.081	
Heptanes Plus	.217	.089	
Octanes			
TOTAL	100.000	4.603	

Calc. Sp. Gr.— 0.6944
Calc. A.P.I.—
Calc. Vapor Press.—
Sp. Gr.—
Mol. Wt. 20.12

LIQUID CONTENT (GAL. MCF)

Propane Calc. G.P.M. 1.316
Butanes Calc. G.P.M. .462
Pentanes Plus G.P.M. .323
Ethane Calc. G.P.M. 2.502
RVP Gasoline G.P.M.
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1199
Wet Basis 1178
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