

NEW-TEX
LAB

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

No. 2370
Run No.
Date of Run 3-27-80
Date Secured 3-27-80

CERTIFICATE OF ANALYSIS

Sample of Cities Service Government "S" #2
Secured from West Engineering
at 412 N. Dal Paso Secured by
Hobbs, NM 88240 Time Date
Sampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.537		
Air			
Nitrogen	.357		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	93.648		
Ethane	3.719		.992
Propane	1.136		.313
Butanes			
n-Butane	.157		.051
i-Butane	.157		.049
Pentanes			
n-Pentane	.084		.031
i-Pentane	.034		.012
Hexanes	.070		.029
Heptanes Plus	.101		.043
Octanes			
TOTAL	100.000		1.520

Calc. Sp. Gr.— 0.6008
Calc. A.P.I.—
Calc. Vapor Press.— PSIA
Sp. Gr.
Mol. Wt.

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .313
Butanes Calc. G.P.M. .100
Pentanes Plus. G.P.M. .115
Ethane Calc. G.P.M. .992
 RVP Gasoline G.P.M.
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
 Dry Basis 1064
 Wet Basis 1045
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