

NEW-TEX LAB

P. O. BOX 1181
HOBBS, N.M. 88240

No. 4935
Run No. _____
Date of Run 5-11-81
Date Secured 5-09-81

CERTIFICATE OF ANALYSIS

Sample of Cities Services Federal "N" #1
Secured from West Engineering
At 412 No. Dal Paso St. Secured by _____
Hobbs, New Mexico 88240 Time _____ Date _____
Sampling conditions: _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	1.210		
Air			
Nitrogen	1.283		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	94.130		
Ethane	2.698		.720
Propane	.445		.122
Butanes			
iso-Butane	.070		.023
n-Butane	.062		.019
Pentanes			
iso-Pentane	.033		.012
n-Pentane	.015		.005
Hexanes	.024		.010
Heptanes Plus	.030		.011
Octanes			
TOTAL	100.000		.925

Calc. Sp. Gr. — 0.5925
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. 17.16

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .122
Butanes Calc. G.P.M. .042
Pentanes Plus. G.P.M. .041
Ethane Calc. G.P.M. .720
_____ RVP Gasoline G.P.M. _____

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1019
Wet Basis 1001

Sulfur Analysis by Titration
Gr./100 Cu. Ft. _____
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

Run by Deane Simpson Checked by _____ Approved by [Signature]

Additional Data and Remarks