

NEW-TEX LAB

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

No. 5718
Run No.
Date of Run 9-30-81
Date Secured 9-29-81

CERTIFICATE OF ANALYSIS

A Sample of Energy Reserves Group Crum #1
Secured from John 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	.590		
Air			
Nitrogen	3.750		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	75.699		
Ethane	10.137		2.704
Propane	6.204		1.703
Butanes			
iso-Butane	.643		.210
n-Butane	1.915		.602
Pentanes			
iso-Pentane	.308		.112
n-Pentane	.431		.156
Hexanes	.199		.082
Heptanes	.123		.057
Octanes			
TOTAL	100.000		5.626

Calc. Sp. Gr.— 0.7438
Calc. A.P.I.—
Calc. Vapor Press.— PSIA
Sp. Gr.
Mol. Wt. 21.54

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. 1.703
Butanes Calc. G.P.M. .812
Pentanes Plus. G.P.M. .407
Ethane Calc. G.P.M. 2.704
RVP Gasoline G.P.M.
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1230
Wet Basis 1208
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