

NEW-TEX LAB

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

No. 5577
Run No.
Date of Run 9-07-81
Date Secured

CERTIFICATE OF ANALYSIS

A Sample of Great Western Drilling Quartz Federal #2
Secured from Bennett-Cathey
At Box 787 Secured by
Artesia, New Mexico 88210 Time Date
Sampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.142		
Air			
Nitrogen	56.328		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	40.640		
Ethane	1.870		.499
Propane	.489		.134
Butanes			
Iso Butane	.043		.014
N-Butane	.172		.054
Pentanes			
Iso Pentane	.068		.025
N Pentane	.078		.028
Hexanes	.060		.025
Heptanes	Plus .110		.051
Octanes			
TOTAL	100.000		.830

Calc. Sp. Gr. 0.8120
Calc. A.P.I.
Calc. Vapor Press. PSIA
Sp. Gr.
Mol. Wt. 23.53

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .134
Butanes Calc. G.P.M. .068
Pentanes Plus. G.P.M. .129
Ethane Calc. G.P.M. .499
RVP Gasoline G.P.M.
B.T.U. Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 478
Wet Basis 470
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