

NEW-TEX LAB

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

No. 4573
Run No. _____
Date of Run 3-01-81
Date Secured 2-26-81

CERTIFICATE OF ANALYSIS

A Sample of Doyle Hartman South Empire State #1
Secured from Bennett Wireline
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	1.228		
Air			
Nitrogen	.774		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	85.201		
Ethane	8.170	2.179	
Propane	2.627	.721	
Butanes			
Iso-Butane	.345	.113	
N-Butane	.719	.226	
Pentanes			
Iso-Pentane	.207	.076	
N-Pentane	.209	.076	
Hexanes	.182	.075	
Heptanes Plus	.338	.156	
Octanes			
TOTAL	100.000	3.622	

Calc. Sp. Gr. 0.6706
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 19.47

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .721
Butanes Calc. G.P.M. .339
Pentanes Plus. G.P.M. .383
Ethane Calc. G.P.M. 2.179
RVP Gasoline G.P.M. _____

B.T.U. Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1150
Wet Basis 1130

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