

NEW-TEX LAB

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

No. 4607
Run No. _____
Date of Run 3-10-81
Date Secured 3-9-81

CERTIFICATE OF ANALYSIS

A Sample of Amoco Production Co. Empire South Deep Unit #21
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	.571		
Air			
Nitrogen	.654		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	84.771		
Ethane	8.865		2.366
Propane	2.956		.811
Butanes			
Iso-Butane	.234		.109
N-Butane	1.087		.342
Pentanes			
Iso-Pentane	.217		.079
N-Pentane	.200		.072
Hexanes	.117		.068
Heptanes	.115		.105
Octanes			
TOTAL	100.000		3.850

Calc. Sp. Gr. 0.6711
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 19.45

LIQUID CONTENT (GAL/MCF)

Propane Calc. G.P.M. .811
Butanes Calc. G.P.M. .451
Pentanes Plus. G.P.M. .304
Ethane Calc. G.P.M. 2.366
_____ RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1169
Wet Basis 1148
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