

NEW-TEX LAB

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

No. 4609
Run No. _____
Date of Run 3-10-81
Date Secured 3-10-81

CERTIFICATE OF ANALYSIS

Sample of Holly Energy Roche Federl #2
Secured from West Engineering
412 N. Dal Paso
Hobbs, NM 88240
Secured by _____
Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.575		
Nitrogen	.701		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Ethane	85.816		
Propane	8.462	2.257	
Isobutane	2.676	.735	
Butanes			
n-Butane	.414	.135	
Isobutane	.882	.277	
Pentanes			
n-Pentane	.146	.053	
Isopentane	.139	.050	
Hexanes	.071	.029	
Heptanes	.118	.054	
Octanes			
TOTAL	100.000	3.590	

Calc. Sp. Gr. — 0.6584
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. 19.08

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .735
Butanes Calc. G.P.M. .412
Pentanes Plus. G.P.M. .186
Ethane Calc. G.P.M. 2.257
RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1147
Wet Basis 1127
Sulfur Analysis by Titration
Gr./100 Cu. Ft. _____
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

Anal. by Deane Simpson Checked by _____ Approved by Deane Simpson

Additional Data and Remarks