

**NEW-TEX
LAB**

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

RECEIVED

MAR 23 1979

O. C. C.
ARTEZIA, OFFICE

No. 1014

Run No.

Date of Run 3-9-79

Date Secured 3-8-79

CERTIFICATE OF ANALYSIS

A Sample of Boyd Operating Company Murphy Federal #1
Secured from Jarrel Services
At Box 1654 Secured by _____
Hobbs, N. M. 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.808		
Air			
Nitrogen	.385		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	91.724		
Ethane	4.668		
Propane	1.458		
Butanes			
Iso-Butane	.258		
N-Butane	.326		
Pentanes			
Iso-Pentane	.109		
N-Pentane	.081		
Hexanes	.081		
Heptanes	.102		
Octanes			
TOTAL	100.000		

Calc. Sp. Gr. — 0.6169
Calc. A.P.I. —
Calc. Vapor Press. — PSIA
Sp. Gr. —
Mol. Wt. 17.88

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M.	.402
Butanes Calc. G.P.M.	.186
Pentanes Plus. G.P.M.	.145
Ethane Calc. G.P.M.	1.245
*RVP Gasoline G.P.M.	
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.	
Dry Basis	1081
Wet Basis	1062
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