



No. 2442
Run No. _____
Date of Run 4-14-80
Date Secured 4-13-80

CERTIFICATE OF ANALYSIS

A Sample of Southern Union State 17 #1
Secured from Davis Services
At Box 2033 Secured by _____
Hobbs, N.M. 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

MOL % LIQ. % G.P.M.

Carbon Dioxide	<u>3.543</u>	
Air	<u>3.285</u>	
Nitrogen		
Oxygen		
Hydrogen sulfide		
Hydrogen		
Methane	<u>82.225</u>	
Ethane	<u>6.207</u>	<u>1.655</u>
Propane	<u>2.234</u>	<u>.615</u>
Butanes	<u>.504</u>	<u>.164</u>
Iso-Butane	<u>.686</u>	<u>.216</u>
N-Butane		
Pentanes		
Iso-Pentane	<u>.363</u>	<u>.133</u>
N-Pentane	<u>.318</u>	<u>.115</u>
Hexanes	<u>.111</u>	<u>.046</u>
Heptanes	<u>.524</u>	<u>.223</u>
Octanes		
TOTAL	<u>100.000</u>	<u>3.162</u>

Calc. Sp. Gr.— 0.7000
Calc. A.P.I.— _____
Calc. Vapor Press.— _____ PSIA
Sp. Gr.— _____
Mol. Wt.— 20.34

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M.	<u>.615</u>
Butanes Calc. G.P.M.	<u>.380</u>
Pentanes Plus. G.P.M.	<u>.517</u>
Ethane Calc. G.P.M.	<u>1.655</u>
_____ RVP Gasoline G.P.M.	
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.	
Dry Basis	<u>1096</u>
Wet Basis	<u>1077</u>
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