



CERTIFICATE OF ANALYSIS

No. 4434
Run No.
Date of Run 1-27-81
Date Secured 1-17-81

Sample of Estoril
Secured from West Engineering
412 No. Dal Paso St.
Hobbs, New Mexico 88240
Sampling conditions Press.
Temp.

Belco Federal #1
Secured by
Time Date

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.412		
Nitrogen	1.235		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Ethane	87.114		
Propane	2.487		1.997
Isobutane	2.431		.667
Normal Butane	.416		.136
Isobutane	.544		.171
Pentanes			
Isopentane	.141		.051
Normal Pentane	.130		.047
Hexanes	.041		.017
Heptanes Plus	.049		.023
Octanes			
TOTAL	100.000		3.100

Calc. Sp. Gr. 0.6441
Calc. A.P.I.
Calc. Vapor Press. PSIA
Sp. Gr.
Mol. Wt. 18.67

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .667
Butanes Calc. G.P.M. .307
Pentanes Plus G.P.M. .138
Ethane Calc. G.P.M. 1.997
RVF Gasoline G.P.M.
B.T.U. Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1120
Wet Basis 1100
Sulfur Analysis by Titration
Cu. 100 Cu. Ft.
Hydrogen Sulfide
Mercaptans
Sulfides
Residual Sulfur
Total Sulfur

on by Deane Simpson

Checked by

Approved by