

**NEW-TEX
LAB**

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

CERTIFICATE OF ANALYSIS

No. 4706
Run No.
Date of Run 3-29-81
Date Secured 3-28-81

Sample of Energy Reserves Group
Secured from West Engineering
412 N. Dal Paso
Hobbs, NM 88240

V. Miller #1

Secured by
Time

Date

Sampling conditions Press
Temp.

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.139		
Nitrogen	10.510		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Ethane	70.532		2.671
Propane	10.014		1.355
Isobutane	4.936		
Normal Butane	.601		.196
Isopentane	2.172		.683
Normal Pentane			
Isopentane	.288		.105
Normal Hexane	.408		.147
Isopentane	.222		.091
Normal Heptane	.178		.082
Isopentane			
TOTAL	100.000		5.330

Calc. Sp. Gr. — 0.7588
Calc. A.P.I. —
Calc. Vapor Press —
Sp. Gr.
Mol. Wt. 21.99

PSIA

LIQUID CONTENT (GAL/MCF)

Propane Calc. G.P.M. 1.355
Butane Calc. G.P.M. .879
Pentanes Plus. G.P.M. .425
Ethane Calc. G.P.M. 2.671
RVP Gasoline G.P.M.
B.F.L. Co. Fl. @ 14.696 P.S.I.A.
Dry Basis 1152
Wet Basis 1132
Sulfur Analysis by Titration
Gr. Fl. Co. Fl.
Hydrogen Sulfide
Mercaptans
Sulfides
Resid. of Sulfur
Total Sulfur

Run by Deane Simpson

Checked by

Approved by *Deane Simpson*

Additional Data and Remarks