

**NEW-TEX
LAB**P. O. BOX 1161
HOBBS, N.M. 88240No. 1992
Run No. _____
Date of Run 12-14-79
Date Secured _____**CERTIFICATE OF ANALYSIS**

A Sample of Wainoco Oil & Gas co. White Ranch #2
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	.742	
Air		
Nitrogen	1.761	
Oxygen		
Hydrogen sulfide		
Hydrogen		
Methane	82.108	
Ethane	8.214	2.191
Propane	3.711	1.022
Butanes		
Iso-Butane	.643	.210
N-Butane	1.001	.315
Pentanes		
Iso-Pentane	.392	.143
N-Pentane	.381	.138
Hexanes	.376	.154
Heptanes	.671	.286
Octanes		
TOTAL	100.000	4.459

Calc. Sp. Gr. — 0.7094
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. 20.59

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. 1.022
Butanes Calc. G.P.M. .525
Pentanes Plus. G.P.M. .721
Ethane Calc. G.P.M. 2.191
_____ RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1204
Wet Basis 1183
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