

**NEW-TEX
LAB**P. O. BOX 1181
HOBBS, N.M. 88240No. 1248
Run No. _____
Date of Run 5-22-79
Date Secured 5-22-79**CERTIFICATE OF ANALYSIS**

A Sample of Hondo Oil & Gas Exxon State #1
Secured from ARCO Oil & Gas
At Box 1710 Secured by _____
Hobbs, N. M. 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS**Percentage Composition****MOL % LIQ. % G.P.M.**

Carbon Dioxide	.657		
Air			
Nitrogen	.632		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	88.313		
Ethane	6.107		1.629
Propane	2.506		.690
Butanes			
Iso-Butane	.363	.363	.110
N-Butane	.541		.170
Pentanes			
Iso-Pentane	.207		.076
N-Pentane	.180		.065
Hexanes	.174		.071
Heptanes	.347		.148
Octanes			
TOTAL	100.000		2.959

Calc. Sp. Gr.— 0.6503
Calc. A.P.I.— _____
Calc. Vapor Press.— _____ PSIA
Sp. Gr.— _____
Mol. Wt. 18.88

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .690
Butanes Calc. G.P.M. .280
Pentanes Plus. G.P.M. .360
Ethane Calc. G.P.M. 1.629
_____*RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1135
Wet Basis 1115
Sulfur Analysis by Titration
Gr./100 Cu. Ft. _____
Hydrogen Sulfide _____
Mercaptans _____
Sulfides _____
Residual Sulfur _____
Total Sulfur _____

Run by Jim Tucker Checked by Deane Simpson Approved by Deane Simpson

Additional Data and Remarks