

NEW-TEX LAB

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

No. 1991
Run No. _____
Date of Run 12-13-79
Date Secured 12-12-79

CERTIFICATE OF ANALYSIS

Sample of Mesa Petroleum Co. Moralee Federal Comm #1
Secured from Davis Services
At Box 2033 Secured by _____
Hobbs, NM 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.618		
Air			
Nitrogen	4.249		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	79.104		
Ethane	7.689		2.051
Propane	3.505		.965
Butanes			
Iso-Butane	.598		.195
N-Butane	1.115		.351
Pentanes			
Iso-Pentane	.497		.181
N-Pentane	.466		.168
Hexanes	.640		.263
Heptanes	1.519		.646
Octanes			
TOTAL	100.000		4.820

Calc. Sp. Gr. — 0.7467
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. 21.78

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .965
Butanes Calc. G.P.M. .546
Pentanes Plus. G.P.M. 1.258
Ethane Calc. G.P.M. 2.051
____ RVP Gasoline G.P.M. _____
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1224
Wet Basis 1203
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