

NEW-TEX**LAB**P. O. BOX 1161
HOBBS, N.M. 88240No. 5657
Run No. _____
Date of Run. 9-22-81
Date Secured. 9- -81**CERTIFICATE OF ANALYSIS**

A Sample of Pogo Producing Company Maw State Federal #1
 Secured from Jarrel Well Testing
 At Box 1654 Secured by _____
Hobbs, NM 88240 Time _____ Date _____
 Sampling conditions _____ Press _____
 _____ Temp. _____

FRACTIONAL ANALYSIS**Percentage Composition**

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.546		
Air			
Nitrogen	.947		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	95.709		
Ethane	2.330		.621
Propane	.234		.064
Butanes			
Iso-Butane	.057		.019
N-Butane	.055		.017
Pentanes			
Iso-Pentane	.034		.012
N-Pentane	.018		.007
Hexanes	.009		.004
Heptanes	.061		.028
Octanes			
TOTAL	100.000		.772

Calc. Sp. Gr. — 0.5811
 Calc. A.P.I. —
 Calc. Vapor Press. — PSIA
 Sp. Gr. —
 Mol. Wt. 16.82

LIQUID CONTENT (GAL. MCF)

Propane Calc. G.P.M. .064
 Butanes Calc. G.P.M. .036
 Pentanes Plus. G.P.M. .051
 Ethane Calc. G.P.M. .621
 RVP Gasoline G.P.M. _____
 B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
 Dry Basis 1023
 Wet Basis 1005
 Sulfur Analysis by Titration
 Gr./100 Cu. Ft.
 Hydrogen Sulfide
 Mercaptans
 Sulfides
 Residual Sulfur
 Total Sulfur

Run by R H Hamilton Checked by Deane Simpson Approved by _____

Additional Data and Remarks