

**NEW-TEX  
LAB**

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

No. 4487  
Run No. \_\_\_\_\_  
Date of Run 2-9-81  
Date Secured 2-6-81

**CERTIFICATE OF ANALYSIS**

A Sample of Pogo Production Company NBR State #1  
Secured from Jarrel well Testing Inc.,  
At Box 1654 Secured by \_\_\_\_\_  
Hobbs, NM 88240 Time \_\_\_\_\_ Date \_\_\_\_\_  
Sampling conditions \_\_\_\_\_ Press \_\_\_\_\_  
Temp. 1

**FRACTIONAL ANALYSIS**

**Percentage Composition**

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.998		
Air			
Nitrogen	.340		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	35.542		
Ethane	7.618		2.032
Propane	3.214		.882
Butanes			
Iso-Butane	.613		.200
N-Butane	.982		.309
Pentanes			
Iso-Pentane	.224		.082
N-Pentane	.196		.071
Hexanes	.137		.056
Heptanes	.136		.063
Octanes			
<b>TOTAL</b>	<b>100.000</b>		<b>3.695</b>

Calc. Sp. Gr.— 0.6712  
Calc. A.P.I.— \_\_\_\_\_  
Calc. Vapor Press.— \_\_\_\_\_ PSIA  
Sp. Gr. \_\_\_\_\_  
Mol. Wt. 19.46

**LIQUID CONTENT (GAL./MCF)**

Propane Calc. G.P.M. .882  
Butanes Calc. G.P.M. .509  
Pentanes Plus. G.P.M. .272  
Ethane Calc. G.P.M. 2.032  
RVP Gasoline G.P.M. \_\_\_\_\_  
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.  
Dry Basis 1162  
Wet Basis 1142  
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**

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