

**NEW-TEX
LAB**P. O. BOX 1163
HOBBS, N.M. 88240No. 5731
Run No. _____
Date of Run 10-1-81
Date Secured 9-30-81**CERTIFICATE OF ANALYSIS**

A Sample of Amoco Production Co. State "NM" # 1
Secured from John West Engineering
At 412 N. Dal Paso Secured by _____
Hobbs, NM 88240 Time _____ Date _____
Sampling conditions _____ Press _____
Temp. _____

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

Carbon Dioxide	<u>.913</u>	
Air		
Nitrogen	<u>.291</u>	
Oxygen		
Hydrogen sulfide		
Hydrogen		
Methane	<u>97.057</u>	
Ethane	<u>1.355</u>	<u>.361</u>
Propane	<u>.209</u>	<u>.057</u>
Butanes		
Iso-Butane	<u>.059</u>	<u>.019</u>
N-Butane	<u>.044</u>	<u>.014</u>
Pentanes		
Iso-Pentane	<u>.036</u>	<u>.013</u>
N-Pentane	<u>.017</u>	<u>.006</u>
Hexanes	<u>.004</u>	<u>.002</u>
Heptanes	<u>.015</u>	<u>.007</u>
Octanes		
TOTAL	<u>100.000</u>	<u>.479</u>

Calc. Sp. Gr. 0.5757
Calc. A.P.I. _____
Calc. Vapor Press. _____ PSIA
Sp. Gr. _____
Mol. Wt. 16.67

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .057
Butanes Calc. G.P.M. .033
Pentanes Plus. G.P.M. .028
Ethane Calc. G.P.M. .361
____ "RVP Gasoline G.P.M. _____

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.

Dry Basis 1016
Wet Basis 998

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 Deane Simpson

Additional Data and Remarks

RECEIVED

OCT. 29 1981

OIL CONSERVATION DIV