

**NEW-TEX
LAB**P. O. BOX 1161
HOBBS, N.M. 88240No. 4181
Run No. _____
Date of Run 11-16-80
Date Secured 11-13-80**CERTIFICATE OF ANALYSIS**

A Sample of Amoco Production State "IE" Comm #1
Secured from 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	3.803		
Air			
Nitrogen	.637		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	90.703		
Ethane	3.749	1.000	
Propane	.720	.198	
Butanes			
Iso-Butane	.120	.039	
N-Butane	.114	.036	
Pentanes			
Iso-Pentane	.038	.014	
N-Pentane	.017	.006	
Hexanes	Plus .099	.041	
Heptanes			
Octanes			
TOTAL	100.000	1.334	

Calc. Sp. Gr. — 0.6253
Calc. A.P.I. — _____
Calc. Vapor Press. — _____ PSIA
Sp. Gr. _____
Mol. Wt. 18.12

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .198
Butanes Calc. G.P.M. .075
Pentanes Plus. G.P.M. .061
Ethane Calc. G.P.M. 1.000
_____ RVP Gasoline G.P.M. _____

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.
Dry Basis 1015
Wet Basis 997

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