

# NEW-TEX LAB

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

No. 4854  
Run No. \_\_\_\_\_  
Date of Run 4-22-81  
Date Secured 4-21-81

## CERTIFICATE OF ANALYSIS

A Sample of Amoco Production Federal "AG" Com #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   | .523    |        |        |
| Air              | .526    |        |        |
| Nitrogen         |         |        |        |
| Oxygen           |         |        |        |
| Hydrogen sulfide |         |        |        |
| Hydrogen         |         |        |        |
| Methane          | 83.546  |        |        |
| Ethane           | 8.188   |        | 2.184  |
| Propane          | 2.764   |        | .759   |
| Butanes          |         |        |        |
| Iso-Butane       | .450    |        | .147   |
| N-Butane         | .978    |        | .307   |
| Pentanes         |         |        |        |
| Iso-Pentane      | .290    |        | .106   |
| N-Pentane        | .359    |        | .130   |
| Hexanes          | .786    |        | .322   |
| Heptanes         | 1.590   |        | .732   |
| Octanes          |         |        |        |
| TOTAL            | 100.000 |        | 4.687  |

Calc. Sp. Gr. 0.7206  
Calc. A.P.I. \_\_\_\_\_  
Calc. Vapor Press. \_\_\_\_\_ PSIA  
Sp. Gr. \_\_\_\_\_  
Mol. Wt. 21.03

### LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .759  
Butanes Calc. G.P.M. .454  
Pentanes Plus. G.P.M. 1.290  
Ethane Calc. G.P.M. 2.184  
\_\_\_\_ RVP Gasoline G.P.M. \_\_\_\_\_  
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.  
Dry Basis 1257  
Wet Basis 1235  
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