

# NEW-TEX LAB

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

No. 4571  
Run No. \_\_\_\_\_  
Date of Run 2-28-81  
Date Secured 2-26-81

## CERTIFICATE OF ANALYSIS

A Sample of Amoco Production Co. Nellis Federal "C" Gas Comm  
Secured from West Engineering  
At 412 N. Dal Paso Secured by \_\_\_\_\_  
Hobbs, NM 88240 Time \_\_\_\_\_ Date \_\_\_\_\_  
Sampling conditions \_\_\_\_\_ Press \_\_\_\_\_  
Temp. \_\_\_\_\_ Buffalo Penn

## FRACTIONAL ANALYSIS

### Percentage Composition

MOL % LIQ. % G.P.M.

|                  |         |       |
|------------------|---------|-------|
| Carbon Dioxide   | .700    |       |
| Air              |         |       |
| Nitrogen         | .593    |       |
| Oxygen           |         |       |
| Hydrogen sulfide |         |       |
| Hydrogen         |         |       |
| Methane          | 85.049  |       |
| Ethane           | 8.906   | 2.375 |
| Propane          | 2.927   | .803  |
| Butanes          |         |       |
| Iso-Butane       | .382    | .125  |
| N-Butane         | .887    | .279  |
| Pentanes         |         |       |
| Iso-Pentane      | .206    | .075  |
| N-Pentane        | .164    | .059  |
| Hexanes          | .086    | .035  |
| Heptanes         | .100    | .046  |
| Octanes          |         |       |
| TOTAL            | 100.000 | 3.797 |

Calc. Sp. Gr. — 0.6644  
Calc. A.P.I. — \_\_\_\_\_  
Calc. Vapor Press. — \_\_\_\_\_ PSIA  
Sp. Gr. \_\_\_\_\_  
Mol. Wt. 19.27

### LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .803  
Butanes Calc. G.P.M. .404  
Pentanes Plus. G.P.M. .215  
Ethane Calc. G.P.M. 2.375  
— \*RVP Gasoline G.P.M. \_\_\_\_\_  
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.  
Dry Basis 1156  
Wet Basis 1136  
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