



# UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 5844

Run No. \_\_\_\_\_

Date of Run 3-21-77

Date Secured \_\_\_\_\_

## CERTIFICATE OF ANALYSIS

A Sample of Tom L. Ingram - White Ranch #2  
Secured from Jarrel Services  
At Box 1654 Secured by \_\_\_\_\_  
Hobbs, New Mexico 88240 Time \_\_\_\_\_ Date \_\_\_\_\_  
Sampling conditions \_\_\_\_\_ Press \_\_\_\_\_  
Temp. \_\_\_\_\_ Mississippi Zone

## FRACTIONAL ANALYSIS

### Percentage Composition

|                  | MOL %   | LIQ. % | G.P.M. |
|------------------|---------|--------|--------|
| Carbon Dioxide   | .483    |        |        |
| Air              |         |        |        |
| Nitrogen         | 1.282   |        |        |
| Oxygen           |         |        |        |
| Hydrogen sulfide |         |        |        |
| Hydrogen         |         |        |        |
| Methane          | 82.681  |        |        |
| Ethane           | 8.748   | 2.333  |        |
| Propane          | 3.088   | .850   |        |
| Butanes          |         |        |        |
| iso-Butane       | .474    | .155   |        |
| n-Butane         | 1.108   | .348   |        |
| Pentanes         |         |        |        |
| iso-Pentane      | .513    | .187   |        |
| n-Pentane        | .664    | .240   |        |
| Hexanes          | .469    | .192   |        |
| Heptanes         | .490    | .208   |        |
| TOTAL            | 100.000 | 4.513  |        |

Calc. Sp. Gr. — 0.7059  
Calc. A.P.I. — \_\_\_\_\_  
Calc. Vapor Press. — \_\_\_\_\_ PSIA  
Sp. Gr. \_\_\_\_\_  
Mol. Wt. 20.49

### LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .850  
Butanes Calc. G.P.M. .503  
Pentanes Plus. G.P.M. .827  
Ethane Calc. G.P.M. 2.333  
RVP Gasoline G.P.M. \_\_\_\_\_

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.  
Dry Basis 1214  
Wet Basis 1193

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