



# UNITEL CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 4238

Run No.

Date of Run 10-21-75

Date Secured 10-20-75

## CERTIFICATE OF ANALYSIS

Sample of Cities Service Oil Company - Ives "A" #1  
Secured from West Engineering  
At 412 N. Dal Paso Secured by \_\_\_\_\_  
Hobbs, New Mexico 88240 Time \_\_\_\_\_ Date \_\_\_\_\_  
Sampling conditions \_\_\_\_\_ Press \_\_\_\_\_  
Temp. \_\_\_\_\_

## FRACTIONAL ANALYSIS

### Percentage Composition

|                  | MOL %  | LIQ. % | G.P.M. |
|------------------|--------|--------|--------|
| Carbon Dioxide   | .978   |        |        |
| Air              |        |        |        |
| Nitrogen         | .290   |        |        |
| Oxygen           |        |        |        |
| Hydrogen sulfide |        |        |        |
| Hydrogen         |        |        |        |
| Ethane           | 92.974 |        |        |
| Propane          | 4.417  |        | 1.178  |
| Butanes          | .922   |        | .254   |
| Isobutane        | .143   |        | .047   |
| Normal Butane    | .142   |        | .045   |
| Pentanes         |        |        |        |
| Isopentane       | .060   |        | .022   |
| Normal Pentane   | .030   |        | .011   |
| Hexanes          | .021   |        | .009   |
| Heptanes         | .023   |        | .010   |
| TOTAL            | 100.00 |        | 1.576  |

Calc. Sp. Gr. 0.6018  
Calc. A.P.I. \_\_\_\_\_  
Calc. Vapor Press. \_\_\_\_\_ PSIA  
Sp. Gr. \_\_\_\_\_  
Mol. Wt. 17.43

### LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. \_\_\_\_\_  
Butanes Calc. G.P.M. \_\_\_\_\_  
Pentanes Plus. G.P.M. \_\_\_\_\_  
Ethane Calc. G.P.M. \_\_\_\_\_  
\_\_\_\_\_ RVP Gasoline G.P.M. \_\_\_\_\_  
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.  
Dry Basis 1055  
Wet Basis 1037  
Sulfur Analysis by Titration  
Gr./100 Cu. Ft. \_\_\_\_\_  
Hydrogen Sulfide \_\_\_\_\_  
Mercaptans \_\_\_\_\_  
Sulfides \_\_\_\_\_  
Residual Sulfur \_\_\_\_\_  
Total Sulfur \_\_\_\_\_

Anal. by Deane Simpson Checked by \_\_\_\_\_ Approved by [Signature]

Additional Data and Remarks