



# UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE (505) 393-7751

HOBBS, NEW MEXICO 88240

No. 7721

Run No. 8 12 78

Date of Run 8 11 78

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

## CERTIFICATE OF ANALYSIS

Sample of Cities Service Oil Company  
Secured from West Engineering  
412 N. Dal Paso  
Hobbs, N. M. 88240

Government "AE" #1

Secured by \_\_\_\_\_

Time \_\_\_\_\_

Date \_\_\_\_\_

Sampling conditions \_\_\_\_\_ Press \_\_\_\_\_

Temp. \_\_\_\_\_

## FRACTIONAL ANALYSIS

### Percentage Composition

|                  | MOL %   | LIQ. % | G.P.M. |
|------------------|---------|--------|--------|
| Carbon Dioxide   | 1.053   |        |        |
| Nitrogen         | 1.521   |        |        |
| Oxygen           |         |        |        |
| Hydrogen sulfide |         |        |        |
| Hydrogen         |         |        |        |
| Ethane           | 92.215  |        |        |
| Propane          | 3.627   |        | .967   |
| Butane           | 1.004   |        | .277   |
| Pentanes         |         |        |        |
| Isobutane        | .128    |        | .042   |
| Isobutane        | .190    |        | .060   |
| Pentanes         |         |        |        |
| Isopentane       | .098    |        | .036   |
| Isopentane       | .075    |        | .027   |
| Isopentane       | .044    |        | .018   |
| Isopentane       | .045    |        | .019   |
| TOTAL            | 100.000 |        | 1.446  |

Calc. Sp. Gr. — 0.6079

Calc. A.P.I. — \_\_\_\_\_

Calc. Vapor Press. — \_\_\_\_\_

Sp. Gr. — \_\_\_\_\_

Mol. Wt. 17.60

### LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .277

Butanes Calc. G.P.M. .102

Pentanes Plus. G.P.M. .100

Ethane Calc. G.P.M. .967

RVP Gasoline G.P.M. \_\_\_\_\_

B.T.U./Cu. Ft. @ 14.696 P.S.I.A.

Dry Basis

Wet Basis

1043

1025

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

Anal. by Deane Simpson

Checked by \_\_\_\_\_

Approved by \_\_\_\_\_

Additional Data and Remarks