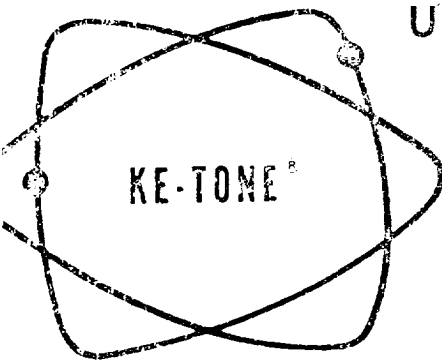




# UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE 333-7751

HOBBS, NEW MEXICO 88240

No. 3608

Run No. 3-26-75

Date of Run 3-25-75

Date Secured 3-25-75

## CERTIFICATE OF ANALYSIS

A Sample of Federal 00 #2  
Secured from Mobil Oil Corporation  
At P.O. Box 1300  
Hobbs, New Mexico 88240  
Sampling conditions Press  
Temp

## FRACTIONAL ANALYSIS

### Percentage Composition

|                  | MOL %   | LIQ. % | G.P.M. |
|------------------|---------|--------|--------|
| Carbon Dioxide   | .978    |        |        |
| Air              |         |        |        |
| Nitrogen         | .266    |        |        |
| Oxygen           |         |        |        |
| Hydrogen sulfide |         |        |        |
| Hydrogen         |         |        |        |
| Methane          | 96.487  |        |        |
| Ethane           | 1.885   |        | .503   |
| Propane          | .238    |        | .066   |
| Butanes          |         |        |        |
| Iso-Butane       | .032    |        | .010   |
| N-Butane         | .039    |        | .012   |
| Pentanes         |         |        |        |
| Iso-Pentane      | .015    |        | .005   |
| N-Pentane        | .010    |        | .004   |
| Hexanes          | .050    |        | .004   |
| Heptanes         |         |        | .017   |
| TOTAL            | 100.000 |        | .621   |

Calc. Sp. Gr. 0.5788  
Calc. A.P.I.   
Calc. Vapor Press.  PSI  
Sp. Gr. 16.78  
Mol. Wt.

### LIQUID CONTENT (GAL/MCF)

Propane Calc. G.P.M. .066  
Butanes Calc. G.P.M. .022  
Pentanes Plus. G.P.M. .030  
Ethane Calc. G.P.M. .503  
F.R.M.P. Gasoline G.P.M.

Net Cal. Fl. @ 14.696 P.S.I.A.

Dry Basis

Wet Basis

1019

1001

Sulfur Analysis by Titration

Gr. 100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Refract. Sulfur

Total Sulfur

Run by Deane Simpson Checked by  Approved by Deane Simpson

Additional Data and Remarks