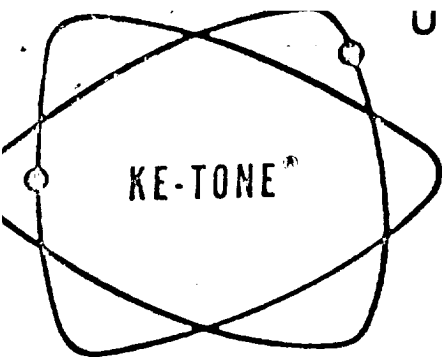




## UNITED CHEMICAL CORPORATION

OF NEW MEXICO

P. O. BOX 1499

PHONE 393-7751

HOBBS, NEW MEXICO 88240

No. 3233

Run No.

Date of Run 9-8-74

Date Secured 9-6-74

## CERTIFICATE OF ANALYSIS

A Sample of Inexico Federal 17-1  
Secured from American Downhole  
At Box 2265 Secured by \_\_\_\_\_  
Hobbs, NM 88240 Time \_\_\_\_\_ Date \_\_\_\_\_  
Sampling conditions Press. 180# psi 8' Diff.  
Temp. 110°  
Catclaw Draw - Morrow Gas

## FRACTIONAL ANALYSIS

## Percentage Composition

|                  | MOL %  | LIQ. % | G.P.M. |
|------------------|--------|--------|--------|
| Carbon Dioxide   | 4.063  |        |        |
| Air              | .285   |        |        |
| Nitrogen         |        |        |        |
| Oxygen           |        |        |        |
| Hydrogen sulfide |        |        |        |
| Hydrogen         |        |        |        |
| Methane          | 91.590 |        |        |
| Ethane           | 2.976  |        | .794   |
| Propane          | .737   |        | .203   |
| Butanes          |        |        |        |
| Iso-Butane       | .083   |        | .027   |
| N-Butane         | .104   |        | .033   |
| Pentanes         |        |        |        |
| Iso-Pentane      | .040   |        | .015   |
| N-Pentane        | .025   |        | .009   |
| Hexanes          | .027   |        | .011   |
| Heptanes         | .070   |        | .030   |
| TOTAL            | 100.00 |        | 1.122  |

Calc. Sp. Gr. 0.6225  
Calc. A.P.I. \_\_\_\_\_  
Calc. Vapor Press. \_\_\_\_\_ PSI  
Sp. Gr. \_\_\_\_\_  
Mol. Wt. 18.02

## LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .203  
Butanes Calc. G.P.M. .060  
Pentanes Plus. G.P.M. .065  
Ethane Calc. G.P.M. .794  
# RVP Gasoline G.P.M. \_\_\_\_\_

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

Dry Basis 1010  
Wet Basis 992

Sulfur Analysis by Titration

Gr./100 Cu. Ft.

Hydrogen Sulfide

Mercaptans

Sulfides

Residual Sulfur

Total Sulfur

Run by Sylvia Bryant Checked by \_\_\_\_\_ Approved by [Signature]

Additional Data and Remarks