

# NEW-TEX LAB

P. O. BOX 1161  
HOBBS, N.M. 88240

No. 3374  
Run No. \_\_\_\_\_  
Date of Run 6-11-80  
Date Secured 6-10-80

## CERTIFICATE OF ANALYSIS

Sample of Mesa Petroleum Depco Fed. #1  
Secured from Davis Services  
Box 2033 Secured by \_\_\_\_\_  
Hobbs, NM 88240 Time \_\_\_\_\_ Date \_\_\_\_\_  
Sampling conditions \_\_\_\_\_ Press \_\_\_\_\_  
Temp. \_\_\_\_\_

## FRACTIONAL ANALYSIS

### Percentage Composition

|                  | MOL %   | LIQ. % | G.P.M. |
|------------------|---------|--------|--------|
| Carbon Dioxide   | .446    |        |        |
| Air              |         |        |        |
| Nitrogen         | .554    |        |        |
| Oxygen           |         |        |        |
| Hydrogen sulfide |         |        |        |
| Hydrogen         |         |        |        |
| Methane          | 86.450  |        |        |
| Ethane           | 8.737   |        | 2.330  |
| Propane          | 2.637   |        | .726   |
| Butanes          |         |        |        |
| iso-Butane       | .308    |        | .101   |
| n-Butane         | .545    |        | .171   |
| Pentanes         |         |        |        |
| Iso-Pentane      | .145    |        | .053   |
| n-Pentane        | .109    |        | .040   |
| Hexanes          | .017    |        | .007   |
| Heptanes         | .052    |        | .022   |
| Octanes          |         |        |        |
| TOTAL            | 100.000 |        | 3.450  |

Calc. Sp. Gr. — 0.6475  
Calc. A.P.I. — \_\_\_\_\_  
Calc. Vapor Press. — \_\_\_\_\_ PSIA  
Sp. Gr. \_\_\_\_\_  
Mol. Wt. \_\_\_\_\_

### LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .726  
Butanes Calc. G.P.M. .272  
Pentanes Plus. G.P.M. .122  
Ethane Calc. G.P.M. 2.330  
RVP Gasoline G.P.M. \_\_\_\_\_  
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.  
Dry Basis 1135  
Wet Basis 1115  
Sulfur Analysis by Titration  
Gr./100 Cu. Ft. \_\_\_\_\_  
Hydrogen Sulfide \_\_\_\_\_  
Mercaptans \_\_\_\_\_  
Sulfides \_\_\_\_\_  
Residual Sulfur \_\_\_\_\_  
Total Sulfur \_\_\_\_\_

Run by Teresa Porter Checked by Deane Simpson Approved by Deane Simpson

### Additional Data and Remarks