

# NEW-TEX LAB

P. O. BOX 1181  
HOBBS, N.M. 88240

No. 3885  
Run No.  
Date of Run 9-2-80  
Date Secured 8-29-80

## CERTIFICATE OF ANALYSIS

A Sample of Mesa Petroleum Savage Fed. #1 H-4-7-25  
Secured from Davis Services  
At Box 2033 Secured by \_\_\_\_\_  
Hobbs, NM 88240 Time \_\_\_\_\_ Date \_\_\_\_\_  
Sampling conditions \_\_\_\_\_ Press \_\_\_\_\_  
Temp. \_\_\_\_\_

## FRACTIONAL ANALYSIS

### Percentage Composition

|                  | MOL %   | LIQ. % | G.P.M. |
|------------------|---------|--------|--------|
| Carbon Dioxide   | NIL     |        |        |
| Air              |         |        |        |
| Nitrogen         | 10.443  |        |        |
| Oxygen           |         |        |        |
| Hydrogen sulfide |         |        |        |
| Hydrogen         |         |        |        |
| Methane          | 81.460  |        |        |
| Ethane           | 4.503   |        | 1.201  |
| Propane          | 1.730   |        | .475   |
| Butanes          |         |        |        |
| Iso-Butane       | .291    |        | .095   |
| N-Butane         | .789    |        | .248   |
| Pentanes         |         |        |        |
| Iso-Pentane      | .192    |        | .070   |
| N-Pentane        | .235    |        | .085   |
| Hexanes          | .136    |        | .056   |
| Heptanes Plus    | .221    |        | .102   |
| Octanes          |         |        |        |
| TOTAL            | 100.000 |        | 2.332  |

Calc. Sp. Gr. — 0.6685  
Calc. A.P.I. —  
Calc. Vapor Press. — PSIA  
Sp. Gr. —  
Mol. Wt. 19.39

### LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .475  
Butanes Calc. G.P.M. .343  
Pentanes Plus. G.P.M. .313  
Ethane Calc. G.P.M. 1.201  
\*RVP Gasoline G.P.M.  
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.  
Dry Basis 1017  
Wet Basis 999  
Sulfur Analysis by Titration  
Gr./100 Cu. Ft.  
Hydrogen Sulfide  
Mercaptans  
Sulfides  
Residual Sulfur  
Total Sulfur

Run by Teresa McKee Checked by Deane Simpson Approved by Deane Simpson

### Additional Data and Remarks