

**NEW-TEX  
LAB**P. O. BOX 1161  
HOBBS, N.M. 88240No. 1487  
Run No. \_\_\_\_\_  
Date of Run 7-20-79  
Date Secured 7-19-79**CERTIFICATE OF ANALYSIS**

A Sample of State "16" Well #2 Caught at Surface  
Secured from Adobe Oil Company  
At 1100 Western Life United Bldg Secured by \_\_\_\_\_  
Midland, Texas 79701 Time \_\_\_\_\_ Date \_\_\_\_\_  
Sampling conditions \_\_\_\_\_ Press \_\_\_\_\_ Upper Mississippi  
Temp. \_\_\_\_\_ Austin Mississippi Field  
DST #4 13,360' Lea Co.

**FRACTIONAL ANALYSIS****Percentage Composition**

|                  | MOL %   | LIQ. % | G.P.M. |
|------------------|---------|--------|--------|
| Carbon Dioxide   | 1.059   |        |        |
| Air              |         |        |        |
| Nitrogen         | 1.194   |        |        |
| Oxygen           |         |        |        |
| Hydrogen sulfide |         |        |        |
| Hydrogen         |         |        |        |
| Methane          | 86.942  |        |        |
| Ethane           | 5.427   |        | 1.447  |
| Propane          | 2.070   |        | .570   |
| Butanes          |         |        |        |
| Iso-Butane       | .490    |        | .160   |
| N-Butane         | .612    |        | .192   |
| Pentanes         |         |        |        |
| Iso-Pentane      | .434    |        | .158   |
| N-Pentane        | .370    |        | .134   |
| Hexanes          | .485    |        | .199   |
| Heptanes         | .917    |        | .390   |
| Octanes          |         |        |        |
| TOTAL            | 100.000 |        | 3.250  |

Calc. Sp. Gr. 0.6822  
Calc. A.P.I. \_\_\_\_\_  
Calc. Vapor Press. \_\_\_\_\_ PSIA  
Sp. Gr. \_\_\_\_\_  
Mol. Wt. 19.87

**LIQUID CONTENT (GAL/MCF)**

Propane Calc. G.P.M. .570  
Butanes Calc. G.P.M. .352  
Pentanes Plus. G.P.M. .881  
Ethane Calc. G.P.M. 1.447  
\_\_\_\_ RVP Gasoline G.P.M. \_\_\_\_\_  
B.T.U./Cu. Ft. @ 14.696 P.S.I.A.  
Dry Basis 1164  
Wet Basis 1144  
Sulfur Analysis by Titration  
Gr./100 Cu. Ft. \_\_\_\_\_  
Hydrogen Sulfide \_\_\_\_\_  
Mercaptans \_\_\_\_\_  
Sulfides \_\_\_\_\_  
Residual Sulfur \_\_\_\_\_  
Total Sulfur \_\_\_\_\_

Run by Jim Tucker Checked by Deane Simpson Approved by Deane Simpson**Additional Data and Remarks**