



No. 2342  
Run No. \_\_\_\_\_  
Date of Run 3-23-80  
Date Secured 3-21-80

### CERTIFICATE OF ANALYSIS

Sample of Tenneco Oil Co. Kemnitz Deep 29 #2  
Secured from West Engineering  
412 N. Dal Paso  
Hobbs, NM 88240 Secured by \_\_\_\_\_  
Time \_\_\_\_\_ Date \_\_\_\_\_  
Sampling conditions \_\_\_\_\_ Press \_\_\_\_\_  
Temp. \_\_\_\_\_

### FRACTIONAL ANALYSIS

#### Percentage Composition

|                  | MOL %   | LIQ. %  | WT<br>G.P.M.<br>% |
|------------------|---------|---------|-------------------|
| Carbon Dioxide   | NIL     | Nil     | Nil               |
| Hydrogen         | NIL     | Nil     | Nil               |
| Hydrogen sulfide |         |         |                   |
| Propane          | .132    | .055    | .022              |
| Butane           | .357    | .235    | .110              |
| Pentane          | .867    | .587    | .391              |
| Hexanes          |         |         |                   |
| Heptanes         | .482    | .388    | .287              |
| Octanes          | 1.347   | 1.046   | .801              |
| Nonanes          |         |         |                   |
| Decanes          |         |         |                   |
| Undecanes        |         |         |                   |
| Dodecane         |         |         |                   |
| Tridecane        |         |         |                   |
| Tetradecane      |         |         |                   |
| Pentadecane      |         |         |                   |
| Hexadecane       |         |         |                   |
| Heptadecane      |         |         |                   |
| Octadecane       |         |         |                   |
| Nonadecane       |         |         |                   |
| Eicosane         |         |         |                   |
| Other            |         |         |                   |
| TOTAL            | 100.000 | 100.000 | 100.000           |

Calc. Sp. Gr. 0.5565  
Calc. A.P.I. \_\_\_\_\_  
Calc. Vapor Press. \_\_\_\_\_ PSIA  
Sp. Gr. \_\_\_\_\_  
Mol. Wt. \_\_\_\_\_

#### LIQUID CONTENT (GAL./MCF)

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

Analyzed by Deane Simpson Checked by \_\_\_\_\_ Approved by Deane Simpson

Additional Data and Remarks