

# SOUTHWESTERN LABORATORIES

707 South "I" Street — P.O. Box 4022

MIDLAND, TEXAS

MU 3-3349

## FRACTIONAL ANALYSIS REPORT

SAMPLE MARKED Bogle Flats Unit, Well #3, Sep. Gas

SAMPLE FROM Standard Oil Co. of Tex. (W.T. Engr.)

DATE OF RUN 6-10-66

File No. C-1902-1(g)

Lab. NO. C-1197

DATE SECURED 6-7-66

SECURED BY W.T.E.S., Inc.

| COMPONENT           | MOL. % | G. P. M. | LIQUID VOL. % | ANALYSIS DATA                                |
|---------------------|--------|----------|---------------|----------------------------------------------|
| Carbon Dioxide      | 0.54   |          |               | Volume of Sample _____                       |
| Hydrogen Sulfide    | 0.37   |          |               | Grav. of Residue _____ Vol. of Residue _____ |
| Nitrogen            | 0.92   |          |               | Residue Molecular Weight _____               |
| Methane             | 90.74  |          |               | Sample Vapor Pressure _____                  |
| Ethane              | 4.74   |          |               | CONDENSATE VALUES, G.P.M.                    |
| Propane             | 1.51   | 0.414    |               | Propane _____                                |
| I-Butane            | 0.27   | 0.088    |               | Butane _____                                 |
| N-Butane            | 0.43   | 0.135    |               | Gasoline _____                               |
| I-Pentane           | 0.14   | 0.051    |               | HEATING VALUE, B. T. U. Per Cu. Ft.*         |
| N-Pentane           | 0.13   | 0.047    |               | Calculated from % Composition <u>1086</u>    |
| Hexanes <u>plus</u> | 0.21   | 0.090    |               | Calorimeter _____                            |
| Heptanes            |        |          |               | SULPHUR CONTENT, Grains Per 100 Cu. Ft.*     |
|                     |        |          |               | Hydrogen Sulfide <u>232.46</u>               |
|                     |        |          |               | Mercaptans _____                             |
|                     |        |          |               | SPECIFIC GRAVITY*                            |
|                     |        |          |               | Calculated from % Composition <u>0.624</u>   |
|                     |        |          |               | Gravity Balance _____                        |
|                     | 100.00 | 0.825    |               | *14.7 lbs./sq. in., 60° F.                   |

RUN BY Jack H. Barton

CALCULATED BY Jack H. Barton

REMARKS:

COPIES:

16cc Standard Oil Company of Texas  
1cc West Texas Engineering Services,  
Inc.

*Jack H. Barton*