

SOUTHWESTERN LABORATORIES

1703 West Industrial — P. O. Box 2150

MIDLAND, TEXAS

683-3348

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O. C. C.
WEST TEXAS, OFFICE

FRACTIONAL ANALYSIS REPORT

Rec'd. 10-10-74

SAMPLE MARKED Federal 33-1, Gas Sample

FILE NO. C-1950-G

LAB. NO. 20695

SAMPLE FROM Tenneco Oil Company

DATE SECURED 10-9-74

DATE OF RUN 10-10-74

SECURED BY WTES, Inc.

COMPONENT	MOL. %	G. P. M.	LIQUID VOL. %
Oxygen			
Nitrogen	1.08		
Carbon Dioxide	0.40		
Methane	86.34		
Ethane	7.49		
Propane	3.09	0.848	
i-Butane	0.42	0.137	
n-Butane	0.68	0.214	
i-Pentane	0.17	0.062	
n-Pentane	0.15	0.054	
Hexanes	0.08	0.033	
Heptanes plus	0.10	0.046	
Hydrogen Sulfide	*		
Helium			
Hydrogen			
Carbon Monoxide			
TOTALS	100.00	1.394	

CONDENSATE VALUES, G.P.M.

Propane

Butane

Gasoline

HEATING VALUE, B.T.U. Per Cu. Ft.*

Calculated from % Composition 1140

Calculated water saturated 1120

SULPHUR CONTENT, Grains Per 100 Cu. Ft.*

Hydrogen Sulfide

Mercaptans

SPECIFIC GRAVITY*

Calculated from % Composition 0.654

Gravity Balance

*14.696 lbs./sq. in., 60° F

REMARKS * None detected by Tutwiler (less than 4 grains/100 cu. ft.)

COPIES : 3cc Tenneco Oil Company
1cc West Texas Engineering Service, Inc.

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Jack H. Barton