

CONE & KERLEY, INC.

PHONE 366-6442

PETROLEUM ENGINEERING SERVICES

P. O. BOX 2982

CONE & KERLEY LABORATORY

ODESSA, TEXAS - 79760

For Morris R. Antweil
P.O. Box 2010
Hobbs, N.M. 88240

RECEIVED

June 28, 1977

JUL 6 1977

LABORATORY REPORT

SAMPLE: SEPARATOR GAS

Sampling Conditions: 379 psig 74 °F Date 6-23-77

Remarks:

HYDROCARBON ANALYSIS

METHOD OF ANALYSIS

CHROMATOGRAPHIC

	Mol %	Liq. Vol. %	GPM
Hydrogen Sulfide	nil		
Oxygen	nil		
Nitrogen	.761		
Carbon Dioxide	.547		
Methane	91.450		
Ethane	5.208		
Propane	1.261		.346
Iso-Butane	.206		.067
N-Butane	.216		.068
Iso-Pentane	.110		.040
N-Pentane	.063		.023
Iso-Hexane			
N-Hexane			
Pentanes Plus			
Hexanes Plus	.178		.078
Heptanes Plus			
TOTALS	100.00		.622

MISCELLANEOUS DATA

Gas Samples

Sp. Gr.	.614	(Measured)
Sp. Gr.	.614	(Calculated)
BTU/Cu. Ft.	1074	(Dry Basis)
BTU/Cu. Ft.	1055	(Wet Basis)

Gasoline Content:

Gasoline	GPM
% Propane	GPM
Butanes	GPM
TOTAL	GPM

Remarks:

Liquid Samples

Characteristics of	plus
Sp. Gr.	(Water = 1)
Mol. Wt.	
Vapor Volume	(Cu. Ft./Gal.)

Remarks:

Remarks:

ASTM DISTILLATION

Initial Boiling Point	°F	Recovery	%
Percent		Residue	%
5	°F	Loss	%
10	°F		
20	°F		
30	°F		
40	°F		
50	°F		
60	°F		
70	°F		
80	°F		
90	°F		
95	°F		
End Point	°F		

YIELD

Gasoline	300° F.	%
	350° F.	%
	400° F.	%
Total Gasoline		%
Kerosene	525° F.	%

°API

Color

Remarks:

MISCELLANEOUS

Base Conditions: 1465 PSIA & 60° F

CONE & KERLEY, INC.

Certified:

By:

Bill Kerley