

CONE & KERLEY, INC.

PHONE 366-6442

P. O. BOX 2982

PETROLEUM ENGINEERING SERVICES

ODESSA, TEXAS - 79760

CONE & KERLEY LABORATORY

January 22, 1975

For Morris R. Antweil
P. O. Box 2010
Hobbs, New Mexico 88240

LABORATORY REPORT

SAMPLE: Separator Gas Sample - Bear No. 1

Sampling Conditions: 775 psig 92 °F Date January 21, 1975

Remarks:

HYDROCARBON ANALYSIS

METHOD OF ANALYSIS

Chromatographic

	Mol %	Liq. Vol. %	GPM
Hydrogen Sulfide	Nil.		
Oxygen	Nil.		
Nitrogen	.308		
Carbon Dioxide	.915		
Methane	95.055		
Ethane	3.213		.081
Propane	.295		.030
Iso-Butane	.091		.017
N-Butane	.055		
Iso-Pentane			
N-Pentane			
Iso-Hexane			
N-Hexane			
Pentanes Plus	.068		.027
Hexanes Plus			
Heptanes Plus			
TOTALS	100.000		.155

MISCELLANEOUS DATA

Gas Samples

Sp. Gr.		(Measured)
Sp. Gr.	.586	(Calculated)
BTU/Cu. Ft.	1029	(Dry Basis)
BTU/Cu. Ft.	1011	(Wet Basis)

Gasoline Content:

26/70	Gasoline	.041	GPM
100.000	% Propane	.081	GPM
Excess	Butanes	.033	GPM
	TOTAL	.155	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	°F	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

CONE & KERLEY, INC.

Certified:

By:

Bill Kerley
Bill Kerley