

CONE & KERLEY, INC.

PHONE 366-6442

PETROLEUM ENGINEERING SERVICES

P. O. BOX 2982

CONE & KERLEY LABORATORY

ODESSA, TEXAS - 79760

July 15, 1974

RECEIVED

JUL 22 1974

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

O. C. C.
ARTESIA, OIL FIELD

LABORATORY REPORT

SAMPLE: Separator Gas Condensate - Saik No. 1-T

Sampling Conditions: 820 psig 64 °F Date July 12, 1974
Remarks:

HYDROCARBON ANALYSIS

METHOD OF ANALYSIS				MISCELLANEOUS DATA		
	Mol %	Liq. Vol. %	GPM	Gas Samples		
Hydrogen Sulfide	Nil			Sp. Gr.	.580	(Measured)
Oxygen	Nil			Sp. Gr.	.579	(Calculated)
Nitrogen	.283			BTU/Cu. Ft.	1016	(Dry Basis)
Carbon Dioxide	1.023			BTU/Cu. Ft.	999	(Wet Basis)
Methane	96.119			Gasoline Content:		
Ethane	2.251			Gasoline		GPM
Propane	.234		.064	% Propane		GPM
Iso-Butane	.026		.008	Butanes		GPM
N-Butane	.030		.009	TOTAL		GPM
Iso-Pentane	.013		.005	Remarks:		
N-Pentane	.006		.002	Liquid Samples		
Iso-Hexane				Characteristics of		plus
N-Hexane				Sp. Gr.		(Water = 1)
Pentanes Plus				Mol. Wt.		
Hexanes Plus	.015		.007	Vapor Volume		(Cu. Ft./Gal.)
Heptanes Plus				Remarks:		
TOTALS	100.000		.095			

Remarks:

ASTM DISTILLATION

Initial Boiling Point	°F	Recovery	%
Percent		Residue	%
5	°F	Loss	%
10	°F	YIELD	
20	°F	Gasoline	300° F. %
30	°F		350° F. %
40	°F		400° F. %
50	°F	Total Gasoline	%
60	°F	Kerosene	525° F. %
70	°F	°API	
80	°F	Color	
90	°F		
95	°F		
End Point	°F		

Remarks:

MISCELLANEOUS

CONE & KERLEY, INC.

Certified: *Bill Kerley*
By: Bill Kerley