

GAS ANALYSIS

Lab. No. K82NG-2650 Date Run October 6, 1982
 Company Quinque Oil and Gas Date Sampled September 29, 1982
 Description _____
 Well Name Adeline #1 Location Sec. 22-34-32
 County Seward State Kansas Zone Morrow
 Perf. From 5780 To 5790 Sampled From Wellhead MS# _____
 Field Determinations - Sample Press (psig) 550 Sp. Gravity _____
 Ambient Temp (° F) _____ Sample Temp (° F) 60
 Requested By BWFuller Sampled By CPhillips

CHROMATOGRAPH METHOD

Component	Mol %	G.P.M.*
Helium	0.16	
Hydrogen	-	
Carbon Dioxide	0.26	
Nitrogen	3.05	
Methane	86.99	
Ethane	5.07	1.351
Propane	2.80	0.768
i-Butane	0.34	0.109
n-Butane	0.78	0.244
i-Pentane	0.17	0.061
n-Pentane	0.19	0.069
Hexanes-Plus	0.19	0.082
TOTAL	100.00	2.68

* Calculated value based on ideal gas values from latest G. P. A. pub. 2145 at 60° F and 14.65 psia.

** Calculated value using method from G.P.A. pub. 2172 and latest gas values from 2145.

** Z Factor at 60° F - 14.696 psia
 ** Gross Heating Value per cu. ft. at 60° F - 30" Hg Sat. 1086 B.T.U.
 ** Gross Heating Value per cu. ft. at 60° F - 30" Hg Dry 1105 B.T.U.
 ** Net Heating Value per cu. ft. at 60° F - 30" Hg Sat. 981 B.T.U.
 ** Net Heating Value per cu. ft. at 60° F - 30" Hg Dry 999 B.T.U.
 ** Specific Gravity (Air = 1.00) 0.650
 Gross Heating Value per cu. ft. at 60° F - 30" Hg Sat.
 Determined by Recording Calorimeter

REMARKS O. N. 20244

cc: GasMeas-Lib ResRec-KC ACCOUNT NUMBER 310-1440
 Sarnett-KC GasCont-KC INVOICE Gas Supply
 WellTest(2) SysPlanFore-KC
 MgrDiv CRC(2)

D. J. Lillard
 Analyst