



GAS QUALITY TEST REPORT

FIELD OR
LOCATION

GROBURG

SOURCE OR
RESERVOIR

MORROW

WELL OR
STATION NAME

Tenneco Fed Co "33" #1

CONTRACT NO.

TEST DATE 02.01.78

LAB 4

COMPOUND COMPONENTS	COMPONENT SPECIFIC GRAVITY	COMPONENT MOLE FRACTION	LIQUEFIABLE HYDROCARBONS	COMPONENT G. P. M.	MOLE FRACTION	G. P. M. CONTENT
NITROGEN	.9672	.0039	PROPANE	27.514	.	
CARBON DIOXIDE	1.5195	.0041	ISO-BUTANE	32.698	.	
HELIUM	.1382	.	N-BUTANE	31.510	.	
OXYGEN	1.1048	.	LPG - - - - -			
HYDROGEN SULFIDE	1.1766	.	ISO-PENTANE	36.582	.	
WATER VAPOR	.6220	.	N-PENTANE	36.213	.	
HYDROCARBON DILUENTS		(.0080)	HEXANES	41.111	.	
			HEPTANES +	46.126	.	
METHANE	.5539	.8648	NATURAL GASOLINE - - - - -			
ETHANE	1.0382	.0763	TOTAL LIQUEFIABLE GPM			
PROPANE	1.5225	.0317				
ISO-BUTANE	2.0068	.0043				
N-BUTANE	2.0068	.0087				
ISO-PENTANE	2.4910	.0023				
N-PENTANE	2.4910	.0022				
HEXANES	2.9753	.0010				
HEPTANES +	3.7018	.0007				

COMPOSITION - - - - - 1.0000

MIXTURE SPECIFIC GRAVITY:

Calculated From Analysis

.659

Determined by Test Instrument

.663

Instrument Make or Type

Rux

MIXTURE HEATING VALUE:

(Btu/cf at 14.73 Psia, 60°F, Sat.)

Calculated From Analysis

8947587
1143

Determined by Colorimeter

Colorimeter Verified ()

SULFUR CONTENT:

H₂S - Hydrogen Sulfide, Gr./100 cf

RSH - Mercaptans "

RSR - Sulfides "

RSSR - Residuals "

Total Sulfur, Gr./100 cf

H₂S Grains to fraction conversionH₂S Mole Fraction

X 0.0000157

Critical Pressure Critical Temperature

REMARKS TW DEHY RUNNING TOO FAST, PUMPING TOO MUCH GLYCOL

MEASUREMENT
AREA

Roxwell

GAS
ANALYST

A. G. STAN

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