



GAS QUALITY TEST REPORT

COMPANY SELLER ENSURECH CORP INCSTA. NO. 10-011-01FIELD OR
LOCATION _____

CONTRACT NO. _____

SOURCE OR
RESERVOIR _____TEST DATE 07 24 81

WELL OR

STATION NAME J.G. O'Brien #2LAB 4

COMPOUND COMPONENTS	COMPONENT SPECIFIC GRAVITY	COMPONENT MOLE FRACTION	LIQUEFIABLE HYDROCARBONS	COMPONENT G. P. M.	MOLE FRACTION	G. P. M. CONTENT
NITROGEN	.9672	.0474	PROPANE	27.514	.	RECEIVED
CARBON DIOXIDE	1.5195	.0261	ISO-BUTANE	32.698	.	AUG 07 1981
HELIUM	.1382	.	N-BUTANE	31.510	.	
OXYGEN	1.1048	.	LPG - - - - -			G. C. D. ARTESIAN OFFICE
HYDROGEN SULFIDE	1.1766	.	ISO-PENTANE	36.582	.	
WATER VAPOR	.6220	.	N-PENTANE	36.213	.	
HYDROCARBON DILUENTS		(.0735)	HEXANES	41.111	.	
			HEPTANES +	46.126	.	
METHANE	.5539	.7469	NATURAL GASOLINE - - - - -			
ETHANE	1.0382	.0990	TOTAL LIQUEFIABLE GPM			
PROPANE	1.5225	.0492				
ISO-BUTANE	2.0068	.0076				
N-BUTANE	2.0068	.0132				
ISO-PENTANE	2.4910	.0038				
N-PENTANE	2.4910	.0033				
HEXANES	2.9753	.0023				
HEPTANES +	3.7018	.0012				

COMPOSITION - - - - - 1.0000

MIXTURE SPECIFIC GRAVITY:

Calculated From Analysis Real .750Determined by Test Instrument .755Instrument Make or Type Rox

MIXTURE HEATING VALUE:

(Btu/cf at 14.73 Psia, 60°F, Sat.)

Calculated From Analysis 1154

Determined by Calorimeter _____

Calorimeter Verified (_____) _____

SULFUR CONTENT:

5 PPM H₂SH₂S - Hydrogen Sulfide, Gr./100 cf _____

RSH - Mercaptans " _____

RSR - Sulfides " _____

RSSR - Residuals " _____

Total Sulfur, Gr./100 cf _____

H₂S Grains to fraction conversion _____

X 0.0000157

H₂S Mole Fraction _____

Critical Pressure _____ Critical Temperature _____

REMARKS SAMPLE BOTTLE 140# SULFUR LEVEL VERY NOTICEABLE, DETECTED
@ 5 PPM H₂S BY BENDIX ANALYZER

MEASUREMENT

AREA Rowen

GAS

ANALYST Auston