



GAS QUALITY TEST REPORT

COMPANY SELLER LA RUE & MUN STA. NO. _____
FIELD OR LOCATION UND. CONTRACT NO. _____
SOURCE OR RESERVOIR GRAYBURG TEST DATE 7 9 76
WELL OR STATION NAME NOLA FED LAB 4

COMPOUND COMPONENTS	COMPONENT SPECIFIC GRAVITY	COMPONENT MOLE FRACTION	LIQUEFIABLE HYDROCARBONS	COMPONENT G. P. M.	MOLE FRACTION	G. P. M. CONTENT
NITROGEN	.9672	.2303	PROPANE	27.514	.	
CARBON DIOXIDE	1.5195	-	ISO-BUTANE	32.698	.	
HELIUM	.1382	.0001	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		(.2304)	HEXANES	41.111	.	
			HEPTANES +	46.126	.	
METHANE	.5539	.6738	NATURAL GASOLINE - - - - -			
ETHANE	1.0382	.0536	TOTAL LIQUEFIABLE GPM			
PROPANE	1.5225	.0246	WATER VAPOR CONTENT: Gas Mixture Static Pressure PSI _____ Hydrocarbon Dew Point °F _____ Water Vapor Dew Point °F _____ Lbs Water Vapor per MMCF _____ Conversion Constant <u>X 0.000021</u> Water Vapor Mole Fraction _____ Moisture recorder reading _____ Make or type _____			
ISO-BUTANE	2.0068	.0030				
N-BUTANE	2.0068	.0073				
ISO-PENTANE	2.4910	.0020				
N-PENTANE	2.4910	.0018				
HEXANES	2.9753	.0010				
HEPTANES +	3.7018	.0005				

COMPOSITION - - - - - 1.0000

MIXTURE SPECIFIC GRAVITY:

Calculated From Analysis 726Determined by Test Instrument 734Instrument Make or Type Roswin

MIXTURE HEATING VALUE:

(Btu cf at 14.73 Psia, 60°F, Sat.)

Calculated From Analysis 885

Determined by Calorimeter _____

Calorimeter Verified (_____) _____

SULFUR CONTENT:

H₂S - Hydrogen Sulfide, Gr./100 cf _____

RSH - Mercaptans " _____

RSR - Sulfides " _____

RSSR - Residuals " 25Total Sulfur, Gr./100 cf 25H₂S Grains to fraction conversion X 0.0000167H₂S Mole Fraction _____Critical Pressure 629 Critical Temperature 342

REMARKS

4 Pt. TestMEASUREMENT
AREARoswinGAS
ANALYSTAston