



GAS QUALITY TEST REPORT

COMPANY SELLER INGRAMSTA. NO. 10-001-01FIELD OR
LOCATION Sec. 7-10-2-29E

CONTRACT NO. _____

SOURCE OR
RESERVOIR Artesia, AtokaTEST DATE 07/21/81WELL OR
STATION NAME MARIAH #1LAB 4

COMPOUND COMPONENTS	COMPONENT SPECIFIC GRAVITY	COMPONENT MOLE FRACTION	LIQUEFIABLE HYDROCARBONS	COMPONENT G. P. M.	MOLE FRACTION	G. P. M. CONTENT (RELATIVE)
NITROGEN	.9672	.0411	PROPANE	27.514	.	AUG 07 1981
CARBON DIOXIDE	1.5195	.0057	ISO-BUTANE	32.698	.	
HELIUM	.1382	.	N-BUTANE	31.510	.	
OXYGEN	1.1048	.	LPG - - - - -			ARTEZIA, OFFICE
HYDROGEN SULFIDE	1.1766	.	ISO-PENTANE	36.582	.	
WATER VAPOR	.6220	.	N-PENTANE	36.213	.	
HYDROCARBON DILUENTS		(.0468)	HEXANES	41.111	.	
			HEPTANES +	46.126	.	
METHANE	.5539	.8388	NATURAL GASOLINE - - - - -			
ETHANE	1.0382	.0628	TOTAL LIQUEFIABLE GPM			
PROPANE	1.5225	.0277	WATER VAPOR CONTENT:			
ISO-BUTANE	2.0068	.0060	Gas Mixture Static Pressure PSI _____			
N-BUTANE	2.0068	.0097	Hydrocarbon Dew Point °F _____			
ISO-PENTANE	2.4910	.0035	Water Vapor Dew Point °F _____			
N-PENTANE	2.4910	.0021	Lbs Water Vapor per MMCF _____			
HEXANES	2.9753	.0018	Conversion Constant <u>X 0.000021</u>			
HEPTANES +	3.7018	.0008	Water Vapor Mole Fraction _____			
			Moisture recorder reading _____			
			Make or type _____			

COMPOSITION - - - - - 1.0000

MIXTURE SPECIFIC GRAVITY:

Calculated From Analysis Real .676Determined by Test Instrument 678Instrument Make or Type PANARCA

MIXTURE HEATING VALUE:

(Btu/cf at 14.73 Psia, 60°F, Sat.)

Calculated From Analysis 1101

Determined by Calorimeter _____

Calorimeter Verified (_____) _____

SULFUR CONTENT:

H₂S - Hydrogen Sulfide, Gr./100 cf _____

RSH - Mercaptans " _____

RSR - Sulfides " _____

RSSR - Residuals " _____

Total Sulfur, Gr./100 cf _____

H₂S Grains to fraction conversion X 0.0000157H₂S Mole Fraction _____

Critical Pressure _____ Critical Temperature _____

REMARKS

SAMPLE BOTTLE130° 66°MEASUREMENT
AREA Rever

GAS

ANALYST Arton