



GAS QUALITY TEST REPORT

COMPANY SELLER INGRAMSTA. NO. 20-002-01FIELD OR
LOCATION 90

CONTRACT NO. _____

SOURCE OR
RESERVOIR WATERTEST DATE 07/21/81WELL OR
STATION NAME MARIAH #2LAB 4

COMPOUND COMPONENTS	COMPONENT SPECIFIC GRAVITY	COMPONENT MOLE FRACTION	LIQUEFIABLE HYDROCARBONS	COMPONENT G. P. M.	MOLE FRACTION	G. P. M. CONTENT
NITROGEN	.9672	.0175	PROPANE	27.514		AUG 07 1981
CARBON DIOXIDE	1.5195	.0334	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		(.0509)	HEXANES	41.111		
			HEPTANES +	46.126		
METHANE	.5539	.8286	NATURAL GASOLINE - - - - -			
ETHANE	1.0382	.0677	TOTAL LIQUEFIABLE GPM			
PROPANE	1.5225	.0285	WATER VAPOR CONTENT:			
ISO-BUTANE	2.0068	.0053	Gas Mixture Static Pressure PSI _____			
N-BUTANE	2.0068	.0089	Hydrocarbon Dew Point °F _____			
ISO-PENTANE	2.4910	.0031	Water Vapor Dew Point °F _____			
N-PENTANE	2.4910	.0025	Lbs Water Vapor per MMCF _____			
HEXANES	2.9753	.0030	Conversion Constant <u>X 0.000021</u>			
HEPTANES +	3.7018	.0015	Water Vapor Mole Fraction _____			
COMPOSITION - - - - - 1.0000			Moisture recorder reading _____			
MIXTURE SPECIFIC GRAVITY:			Make or type _____			
Calculated From Analysis <u>Real</u> <u>.699</u>			SULFUR CONTENT:			
Determined by Test Instrument <u>702</u>			H ₂ S - Hydrogen Sulfide, Gr./100 cf _____			
Instrument Make or Type <u>Rawley</u>			RSH - Mercaptans " _____			
			RSR - Sulfides " _____			
			RSSR - Residuals " _____			
			Total Sulfur, Gr./100 cf _____			
MIXTURE HEATING VALUE:			H ₂ S Grains to fraction conversion <u>X 0.0000157</u>			
(Btu/cf at 14.73 Psia, 60°F, Sat.)			H ₂ S Mole Fraction _____			
Calculated From Analysis <u>1106</u>			Critical Pressure _____ Critical Temperature _____			
Determined by Calorimeter _____						
Calorimeter Verified (_____)						
REMARKS <u>SAMPLE BOTTLE</u> <u>140# 87°</u>						
MEASUREMENT <u>Rawley</u> GAS <u>ASTON</u>						
AREA _____ ANALYST _____						