



Laboratory Services, Inc.

4016 Fiesta Drive
Hobbs, New Mexico 88240

Telephone: (505) 337-3713

FOR: Louis Dreyfus Natural Gas
Attention: Mr. Gene Simer
P. O. Box 370
Carlsbad, New Mexico 88221

SAMPLE:
IDENTIFICATION: Geronimo 34 St. Com. 1-Y
COMPANY: Louis Dreyfus Natural Gas
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 9/6/00 9:20 am
ANALYSIS DATE: 9/8/00
PRESSURE - PSIG 3100
SAMPLE TEMP. °F
ATMOS. TEMP. °F 86

GAS (XX) LIQUID ()
SAMPLED BY: Rolland Perry
ANALYSIS BY: Rolland Perry

REMARKS: H₂S = 0
Well down.

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H ₂ S)	0.000	
Nitrogen (N ₂)	0.402	
Carbon Dioxide (CO ₂)	0.500	
Methane (C ₁)	86.567	
Ethane (C ₂)	6.885	1.838
Propane (C ₃)	2.632	0.724
I-Butane (IC ₄)	0.351	0.113
N-Butane (NC ₄)	0.728	0.229
I-Pentane (IC ₅)	0.278	0.101
N-Pentane (NC ₅)	0.262	0.095
Hexane Plus (C ₆ +) <u>1.386</u>		<u>0.602</u>
	100.000	3.704

BTU/CU.FT. - DRY 1186
AT 14.650 DRY 1182
AT 14.650 WET 1161
AT 14.73 DRY 1188
AT 14.73 WET 1167

MOLECULAR WT. 19.7512

SPECIFIC GRAVITY -
CALCULATED 0.679
MEASURED