

Laboratory Services, Inc.

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Hobbs, New Mexico 88240
Telephone: (505) 397-3713

Santa Fe Energy
Attention: Mr. Joe Huber
P. O. Box 2327
Carlsbad, New Mexico 88220

SAMPLE
IDENTIFICATION: Roaring Springs 13 #4
COMPANY: Santa Fe Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 3/21/97 9:30 AM
ANALYSIS DATE: 3/21/97
PRESSURE - PSIG 100
SAMPLE TEMP. °F 60
ATMOS. TEMP. °F

GAS (XX) LIQUID ()
SAMPLED BY: Lane Thorp-Pro Well
ANALYSIS BY: Vickie Walker

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.16	
Carbon Dioxide (CO2)	0.80	
Methane (C1)	95.45	
Ethane (C2)	2.75	0.733
Propane (C3)	0.54	0.149
I-Butane (IC4)	0.08	0.026
N-Butane (NC4)	0.09	0.027
I-Pentane (IC5)	0.04	0.015
N-Pentane (NC5)	0.04	0.015
Hexane Plus (C6+)	0.05	0.020
	100.00	0.985

BTU/CU.FT. - DRY 1037
AT 14.650 DRY 1034
AT 14.650 WET 1016
AT 14.73 DRY 1040
AT 14.73 WET 1022

MOLECULAR WT. 16.9719

SPECIFIC GRAVITY -
CALCULATED 0.586
MEASURED