



Laboratory Services, Inc.

1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone: (505) 697-3713

FOR: Santa Fe Energy
Attention: Mr. Mike Ables
P. O. Box 2327
Carlsbad, New Mexico 88220

SAMPLE
IDENTIFICATION: Roaring Springs 14-3
COMPANY: Santa Fe Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED:
ANALYSIS DATE: 5/4/98
PRESSURE - PSIG 290
SAMPLE TEMP. °F 74
ATMOS. TEMP. °F

GAS (XX) LIQUID ()
SAMPLED BY: Ray Gallagher-Pro Well
ANALYSIS BY: Vickie Walker

REMARKS: Sample taken @ the meter run.

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.269	
Carbon Dioxide (CO2)	0.760	
Methane (C1)	95.407	
Ethane (C2)	2.652	0.708
Propane (C3)	0.545	0.150
I-Butane (IC4)	0.074	0.024
N-Butane (NC4)	0.085	0.027
I-Pentane (IC5)	0.082	0.030
N-Pentane (NC5)	0.060	0.022
Hexane Plus (C6+)	0.066	0.027
	100.000	0.988

BTU/CU.FT. - DRY 1038
AT 14.650 DRY 1035
AT 14.650 WET 1017
AT 14.73 DRY 1041
AT 14.73 WET 1023

MOLECULAR WT. 17.0028

SPECIFIC GRAVITY -
CALCULATED 0.587
MEASURED

BUREAU OF LAND MGMT.
ROSWELL OFFICE

1998 MAY 28 A 8:10

RECEIVED