



Laboratory Services, Inc.

1331 Tasker Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

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

SAMPLE
IDENTIFICATION: Ft. Sedwick "14" #1
COMPANY: Santa Fe Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 9/3/96 1:00 PM
ANALYSIS DATE: 9/4/96
PRESSURE - PSIG 200
SAMPLE TEMP. °F 92
ATMOS. TEMP. °F

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

REMARKS: Sample taken @ the meter run.

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	1.20	
Carbon Dioxide (CO2)	1.10	
Methane (C1)	89.13	
Ethane (C2)	5.15	1.374
Propane (C3)	1.88	0.518
I-Butane (IC4)	0.45	0.145
N-Butane (NC4)	0.49	0.155
I-Pentane (IC5)	0.25	0.090
N-Pentane (NC5)	0.12	0.042
Hexane Plus (C6+)	0.23	0.096
	100.00	2.420

BTU/CU.FT. - DRY 1095
AT 14.650 DRY 1092
AT 14.650 WET 1073
AT 14.73 DRY 1098
AT 14.73 WET 1079

MOLECULAR WT. 18.5051

SPECIFIC GRAVITY -
CALCULATED 0.639
MEASURED