



Laboratory Services, Inc.
1331 Taskar Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

FOR: Pro Well Testing & Wireline
Attention: Mr. Ray Gallagher
P. O. Box 791
Hobbs, New Mexico 88241

SAMPLE
IDENTIFICATION: Filare "24" Fed Com #1
COMPANY: Penwell Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 7/3/97 1:00 PM
ANALYSIS DATE: 7/3/97
PRESSURE - PSIG 390
SAMPLE TEMP. °F 108
ATMOS. TEMP. °F

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

REMARKS: Sample taken @ the meter run.

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.75	
Carbon Dioxide (CO2)	0.44	
Methane (C1)	93.93	
Ethane (C2)	3.68	0.981
Propane (C3)	0.77	0.211
I-Butane (IC4)	0.14	0.045
N-Butane (NC4)	0.15	0.046
I-Pentane (IC5)	0.07	0.027
N-Pentane (NC5)	0.03	0.012
Hexane Plus (C6+)	0.04	0.018
	100.00	1.340

BTU/CU.FT. - DRY 1049
AT 14.650 DRY 1045
AT 14.650 WET 1027
AT 14.73 DRY 1051
AT 14.73 WET 1033

MOLECULAR WT. 17.1963

SPECIFIC GRAVITY -
CALCULATED 0.594
MEASURED