

**Laboratory Services, Inc.**

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

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

SAMPLE
IDENTIFICATION: Riflemen 32 St. Com #1
COMPANY: Penwell Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 7/3/97 9:30 AM
ANALYSIS DATE: 7/7/97
PRESSURE - PSIG 80
SAMPLE TEMP. °F
ATMOS. TEMP. °F

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

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.90	
Carbon Dioxide (CO2)	1.00	
Methane (C1)	85.11	
Ethane (C2)	8.23	2.195
Propane (C3)	2.60	0.716
I-Butane (IC4)	0.44	0.144
N-Butane (NC4)	0.79	0.249
I-Pentane (IC5)	0.33	0.122
N-Pentane (NC5)	0.29	0.107
Hexane Plus (C6+)	0.31	0.128
	100.00	3.661
BTU/CU.FT. - DRY	1151	MOLECULAR WT. 19.4035
AT 14.650 DRY	1147	
AT 14.650 WET	1127	
AT 14.73 DRY	1153	
AT 14.73 WET	1133	
SPECIFIC GRAVITY -		
CALCULATED	0.670	
MEASURED		