



Laboratory Services, Inc.

1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

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

SAMPLE -
IDENTIFICATION: Indian Draw 13 #1
COMPANY: Penwell Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 1/8/98
ANALYSIS DATE: 1/8/98
PRESSURE - PSIG 450
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)	0.000	
Nitrogen (N2)	0.243	
Carbon Dioxide (CO2)	1.055	
Methane (C1)	96.376	
Ethane (C2)	1.592	0.425
Propane (C3)	0.215	0.059
I-Butane (IC4)	0.028	0.009
N-Butane (NC4)	0.072	0.023
I-Pentane (IC5)	0.111	0.041
N-Pentane (NC5)	0.116	0.042
Hexane Plus (C6+)	0.192	0.079
	100.000	0.678

BTU/CU.FT. - DRY 1028
AT 14.650 DRY 1025
AT 14.650 WET 1007
AT 14.73 DRY 1031
AT 14.73 WET 1013

MOLECULAR WT. 16.9520

SPECIFIC GRAVITY -
CALCULATED 0.585
MEASURED