



Laboratory Services, Inc.

4016 Fiesta Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Jarrel Services, Inc.
Attention: Mr. Donnie Dickerson
P. O. Box 1230
Hobbs, New Mexico 88240

SAMPLE
IDENTIFICATION: Mule Train 16 St. Com. #1
COMPANY: Yates Drilling Company
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 12/10/99
ANALYSIS DATE: 12/13/99
PRESSURE - PSIG
SAMPLE TEMP. °F
ATMOS. TEMP. °F

GAS (XX) LIQUID ()
SAMPLED BY: Donnie Dickerson
ANALYSIS BY: Vickie Walker

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.511	
Carbon Dioxide (CO2)	0.490	
Methane (C1)	88.387	
Ethane (C2)	6.253	1.668
Propane (C3)	2.287	0.629
I-Butane (IC4)	0.328	0.107
N-Butane (NC4)	0.614	0.193
I-Pentane (IC5)	0.226	0.082
N-Pentane (NC5)	0.188	0.068
Hexane Plus (C6+)	0.716	0.294
	100.000	3.041

BTU/CU.FT. - DRY 1142
AT 14.650 DRY 1139
AT 14.650 WET 1119
AT 14.73 DRY 1145
AT 14.73 WET 1125

MOLECULAR WT. 18.8581

SPECIFIC GRAVITY -
CALCULATED 0.652
MEASURED