



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: Grayburg Deep Unit #15
COMPANY: Phillips Petroleum Co.
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 12/3/98
ANALYSIS DATE: 12/4/98
PRESSURE - PSIG
SAMPLE TEMP. °F
ATMOS. TEMP. °F

GAS (XX) LIQUID ()
SAMPLED BY: Jarrel Services
ANALYSIS BY: Vickie Walker

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H ₂ S)		
Nitrogen (N ₂)	0.811	
Carbon Dioxide (CO ₂)	0.476	
Methane (C ₁)	82.913	
Ethane (C ₂)	9.729	2.596
Propane (C ₃)	3.921	1.078
I-Butane (IC ₄)	0.463	0.151
N-Butane (NC ₄)	0.961	0.302
I-Pentane (IC ₅)	0.265	0.097
N-Pentane (NC ₅)	0.268	0.097
Hexane Plus (C ₆ +) <u>0.193</u>		<u>0.079</u>
	100.000	4.400
BTU/CU.FT. - DRY 1185		MOLECULAR WT. 19.7691
AT 14.650 DRY 1182		
AT 14.650 WET 1161		
AT 14.73 DRY 1188		
AT 14.73 WET 1167		
SPECIFIC GRAVITY -		
CALCULATED 0.683		
MEASURED		