



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: GACH 31 State #1
COMPANY: Phillips Petroleum Co.
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 1/31/02
ANALYSIS DATE: 1/31/02
PRESSURE – PSIG
SAMPLE TEMP. °F
ATMOS. TEMP. °F

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

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.579	
Carbon Dioxide (CO2)	0.656	
Methane (C1)	83.567	
Ethane (C2)	8.500	2.268
Propane (C3)	3.706	1.019
I-Butane (IC4)	0.511	0.167
N-Butane (NC4)	1.035	0.326
I-Pentane (IC5)	0.311	0.114
N-Pentane (NC5)	0.299	0.108
Hexane Plus (C6+)	0.836	0.363
	100.000	4.365

BTU/CU.FT. – DRY 1202
AT 14.650 DRY 1199
AT 14.650 WET 1178
AT 14.73 DRY 1205
AT 14.73 WET 1184

MOLECULAR WT. 20.1572

SPECIFIC GRAVITY –
CALCULATED 0.694
MEASURED