



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: High Nitro St. Com. #1
COMPANY: Murchison Oil & Gas
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 3/26/01
ANALYSIS DATE: 3/26/01
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)	2.309	
Carbon Dioxide	(CO2)	5.702	
Methane	(C1)	78.774	
Ethane	(C2)	7.980	2.129
Propane	(C3)	3.132	0.861
I-Butane	(IC4)	0.389	0.127
N-Butane	(NC4)	0.823	0.259
I-Pentane	(IC5)	0.217	0.079
N-Pentane	(NC5)	0.205	0.074
Hexane Plus	(C6+)	0.469	0.204
		100.000	3.733
BTU/CU.FT. - DRY		1094	MOLECULAR WT. 21.0150
AT 14.650	DRY	1091	
AT 14.650	WET	1072	
AT 14.73	DRY	1097	
AT 14.73	WET	1078	
SPECIFIC GRAVITY -			
CALCULATED		0.725	
MEASURED			