



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: Carbon Valley 25 Fed. #1
COMPANY: Murchison Oil & Gas
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 8/10/00
ANALYSIS DATE: 8/11/00
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)	7.764	
Carbon Dioxide (CO2)	20.776	
Methane (C1)	63.679	
Ethane (C2)	4.471	1.193
Propane (C3)	1.575	0.433
I-Butane (IC4)	0.243	0.079
N-Butane (NC4)	0.447	0.141
I-Pentane (IC5)	0.200	0.073
N-Pentane (NC5)	0.162	0.059
Hexane Plus (C6+)	0.683	0.296
	100.000	2.274
BTU/CU.FT. - DRY	831	MOLECULAR WT. 24.8652
AT 14.650 DRY	829	
AT 14.650 WET	814	
AT 14.73 DRY	833	
AT 14.73 WET	819	
SPECIFIC GRAVITY -		
CALCULATED	0.857	
MEASURED		