

**Laboratory Services, Inc.**

4016 Fiesta Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Gruy Petroleum
Attention: Mr. Reggie Reston
1601 N. Turner, Suite 212
Hobbs, New Mexico 88240

SAMPLE:
IDENTIFICATION: Magnum 16 State #2
COMPANY: Gruy Petroleum
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 2/26/01 10:00 am
ANALYSIS DATE: 2/27/01
PRESSURE - PSIG 284
SAMPLE TEMP. °F 60.4
ATMOS. TEMP. °F 55

GAS (XX) LIQUID ()
SAMPLED BY: Danny Emerson
ANALYSIS BY: Vickie Biggs

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.409	
Carbon Dioxide (CO2)	4.433	
Methane (C1)	85.314	
Ethane (C2)	6.045	1.613
Propane (C3)	2.346	0.645
I-Butane (IC4)	0.325	0.106
N-Butane (NC4)	0.569	0.179
I-Pentane (IC5)	0.145	0.053
N-Pentane (NC5)	0.134	0.048
Hexane Plus (C6+)	0.280	0.122
	100.000	2.766

BTU/CU.FT. - DRY 1081
AT 14.650 DRY 1078
AT 14.650 WET 1069
AT 14.73 DRY 1084
AT 14.73 WET 1065

MOLECULAR WT. 19.5821

SPECIFIC GRAVITY -
CALCULATED 0.676
MEASURED