



Laboratory Services

1331 Tasker Drive
Hobbs, New Mexico 88240

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FOR: John West Engineering
Attention: Mr. Buz Thomason
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Hobbs, New Mexico 88240

SAMPLE
IDENTIFICATION: Ranger #17
COMPANY: Phillips Petroleum Co.
LEASE:
PLANT:

SAMPLE DATA:	DATE SAMPLED: 5/19/92 1:20PM	GAS (XX)	LIQUID ()
	ANALYSIS DATE: 05-19-92	SAMPLED BY:	Rolland Perry
	PRESSURE - PSIG 472.00	ANALYSIS BY:	Rolland Perry
	SAMPLE TEMP. °F		
	ATMOS. TEMP. °F 73.00		
REMARKS:	H2S = 135 PPM		
	Mercaptan Sulfur = 20 PPM		

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM	
Oxygen (O2)			
Hydrogen Sulfide (H2S)	0.01		
Nitrogen (N2)	3.36		
Carbon Dioxide (CO2)	2.24		
Methane (C1)	80.12		
Ethane (C2)	8.61	2.297	
Propane (C3)	3.72	1.023	
I-Butane (IC4)	0.55	0.180	
N-Butane (NC4)	0.89	0.280	
I-Pentane (IC5)	0.19	0.069	
N-Pentane (NC5)	0.14	0.051	
Hexane (C6+)	0.17	0.070	
Heptanes Plus (C7)	0.00	0.000	
	100.00	3.970	
BTU/CU.FT. - DRY	1123	MOLECULAR WT	20.2327
AT 14.650 DRY	1120		
AT 14.650 WET	1100	26# GASOLINE -	0.283
AT 15.025 DRY	1149		
AT 15.025 WET	1129		
SPECIFIC GRAVITY -			
CALCULATED	0.699		
MEASURED	0.000		
