



LABORATORY SERVICES

1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: John West Engineering Company
412 N. Dal Paso
Hobbs, New Mexico 88240

SAMPLE
IDENTIFICATION: Lusk Deep Unit "A" #5
COMPANY: Phillips Petroleum
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 6/13/89 1:15 PM
ANALYSIS DATE: 6/14/89
PRESSURE — PSIG 820
TEMPERATURE — °F:
Atmos. Temp. 82
GAS (X) LIQUID ()
SAMPLED BY: West Engineering
ANALYSIS BY: Rolland W. Perry

REMARKS:

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM	LIQ. VOL. PERCENT
Hydrogen Sulfide	(H2S)	-0-		
Nitrogen	(N2)	2.05		
Carbon Dioxide	(CO2)	0.32		
Methane	(C1)	83.01		
Ethane	(C2)	8.76	2.235	
Propane	(C3)	3.72	1.025	
I-Butane	(IC4)	0.55	0.180	
N-Butane	(NC4)	0.86	0.271	
I-Pentane	(IC5)	0.27	0.099	
N-Pentane	(NC5)	0.19	0.069	
Hexane	(C6)	0.12	0.055	
Heptanes Plus	(C7 +)	0.15	0.084	
		100.00	4.018	

BTU/CU. FT.—DRY 1172
AT 14.650 WET 1149

SPECIFIC GRAVITY—CALCULATED 0.682
MEASURED

VAPOR PRESSURE (ABSOLUTE)—CALCULATED

26# GASOLINE— 0.402

CU. FT./GAL. —