



**Laboratory Services**

1331 Tasker Drive  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Arch Petroleum Corp.  
Attention: Mr. Don Hale  
10 Desta Suite 420 East  
Midland, Texas 79705

SAMPLE IDENTIFICATION: Hill D #6  
COMPANY: Arch Petroleum  
LEASE:  
PLANT:

SAMPLE DATA: DATE SAMPLED: 03/27/90 1:45 PM GAS (XX) LIQUID ( )  
ANALYSIS DATE: 03-27-90 SAMPLED BY: Rolland Perry  
PRESSURE - PSIG 28 ANALYSIS BY: Rolland Perry  
SAMPLE TEMP. °F  
ATMOS. TEMP. °F 62

REMARKS: Sampled At The North Meter Run.  
H2S = 0 PPM Mercaptan Sulfur = 1.5 PPM

**COMPONENT ANALYSIS**

COMPONENT	MOL PERCENT	GPM	
Hydrogen Sulfide (H2S)	0.00		
Nitrogen (N2)	2.38		
Carbon Dioxide (CO2)	0.30		
Methane (C1)	81.32		
Ethane (C2)	9.19	2.443	
Propane (C3)	4.31	1.182	
I-Butane (IC4)	0.38	0.122	
N-Butane (NC4)	1.25	0.392	
I-Pentane (IC5)	0.21	0.076	
N-Pentane (NC5)	0.28	0.099	
Hexane (C6)	0.38	0.165	
Heptanes Plus (C7+)	0.00	0.000	
	100.00	4.479	
BTU/CU.FT. - DRY	1183	MOLECULAR WT	20.1296
AT 14.650 DRY	1186		
AT 14.650 WET	1166	26# GASOLINE -	0.471
AT 15.025 DRY	1157		
AT 15.025 WET	1137		
SPECIFIC GRAVITY -			
CALCULATED	0.695		
MEASURED			