



### Laboratory Services, Inc.

4016 Fiesta Drive  
Hobbs, New Mexico 88240

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FOR: Pro Well Testing & Wireline  
Attention: Mr. Ray Gallagher  
P. O. Box 791  
Hobbs, New Mexico 88241

SAMPLE: IDENTIFICATION: Puma Federal Com #1  
COMPANY: OXY USA  
LEASE:  
PLANT:

SAMPLE DATA: DATE SAMPLED: 8/19/99 3:00PM  
ANALYSIS DATE: 8/20/99  
PRESSURE - PSIG 347  
SAMPLE TEMP. °F  
ATMOS. TEMP. °F 94

GAS (XX) LIQUID ( )  
SAMPLED BY: Ray Gallagher  
ANALYSIS BY: Rolland Perry

REMARKS: Sampled At the Meter Run

#### COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.569	
Carbon Dioxide (CO2)	0.538	
Methane (C1)	87.004	
Ethane (C2)	7.124	1.901
Propane (C3)	2.850	0.783
I-Butane (IC4)	0.378	0.124
N-Butane (NC4)	0.704	0.221
I-Pentane (IC5)	0.193	0.070
N-Pentane (NC5)	0.176	0.064
Hexane Plus (C6+)	0.413	0.169
	<u>100.000</u>	<u>3.332</u>

BTU/CU.FT. - DRY 1146  
AT 14.650 DRY 1143  
AT 14.650 WET 1123  
AT 14.73 DRY 1149  
AT 14.73 WET 1129

MOLECULAR WT. 19.0242

SPECIFIC GRAVITY -  
CALCULATED 0.657  
MEASURED