



LABORATORY SERVICES

1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone: 505-397-3713

FOR: Bennett & Cathey
P. O. Box 787
Artesia, New Mexico 88210

SAMPLE IDENTIFICATION: Shelby Fed. #3
COMPANY: Union of Texas
LEASE:
PLANT:

SAMPLE DATA: **DATE SAMPLED:** 11/20/88 **GAS (XX) LIQUID ()**
 ANALYSIS DATE: 11/20/88 **SAMPLED BY:** Matt
 PRESSURE — PSIG: 360 **ANALYSIS BY:** Rolland Perry
 TEMPERATURE — °F:

REMARKS:

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM	LIQ. VOL. PERCENT
Hydrogen Sulfide	(H ₂ S)	-0-		
Nitrogen	(N ₂)	1.16		
Carbon Dioxide	(CO ₂)	0.50		
Methane	(C ₁)	91.86		
ethane	(C ₂)	3.68	0.939	
propane	(C ₃)	1.00	0.276	
isobutane	(IC ₄)	0.23	0.075	
normal butane	(NC ₄)	0.35	0.110	
isopentane	(IC ₅)	0.20	0.073	
normal pentane	(NC ₅)	0.19	0.069	
Hexane	(C ₆)	0.36	0.166	
Heptanes Plus	(C ₇ +)	0.47	0.263	
		<u>100.00</u>	<u>1.971</u>	

BTU/CU. FT. — DRY 1098
AT 14.650 WET 1079

SPECIFIC GRAVITY — CALCULATED 0.632
MEASURED

VAPOR PRESSURE (ABSOLUTE) — CALCULATED

26# GASOLINE — 0.610

CU. FT./GAL. —