

Casper, WY 82601

Run No. 711-5
Date Run 07/11/84
Date Sampled 07/10/84

Analysis For: BENNETT & CATHEY URLN.			
Lease: Antelope Federal #3	Producer: Transwestern Gas Sup.		
Location: Antelope Ridge	County: Chaves	State: New Mexico	
Purpose: Well Test	Sampled By: B & C URLN.		
Sampling Temp.: 80 °F	Atmos Temp.: 80 °F		
Volume/day: 200 MCF	Formation: ABO		
Pressure on Bomb: 100	PSIG: Line Pressure 113.2	PSIA	PSIG

Press. Base: 14.73

	Mol. %	Liq. %	GPM Per MCF		
Carbon Dioxide CO ₂	.052			BTU Dry	1027
Oxygen O ₂	.058			BTU Wet	1011
Nitrogen N ₂	5.109			Calc. Specific Gravity	.619
Hydrogen Sulfide H ₂ S					
Methane C ₁	90.587		15.354	BTU Dry	1024
Ethane C ₂	1.920		.513	BTU Wet	1019
Propane C ₃	1.026		.283		
Iso-Butane IC ₄	.172		.056	Calc. Vap. Press. #/Sq.In.	
Nor-Butane NC ₄	.527		.166	Reid Vap. Press. #/Sq.In.	
Iso-Pentane IC ₅	.130		.047	Z Factor	.9979
Nor-Pentane NC ₅	.234		.085	N Value	1.3052
Hexanes plus	.186		.086	Ave Mol Wt	17.8900
				Ave Cu Ft/Gal	
Hexanes C ₆					
Heptanes					
Heptanes Plus C ₇ +				Run by	Jeffrey A. Propp
Total	100.000		16.590	Calculated By	Jeffrey A. Propp
Pentane + G.P.M.			.218		
Propane + GPM			.723	Ethane + GPM	1.236
6-lb Gasoline			.728		

Remarks: BTU Wet @14.73 from GPA Reference Bulletin 181-82 Heating Value Conversion Table. Factor: .9849