



PRECISION SERVICE INC.
Flow Measurement Engineers
Analysis Results Summary
Casper, WY 82601

Run No. 1125-3
Date Run 11/25/03
Date Sampled 11/21/03

Analysis For: BENNETT & CATHEY WRLN.
Lease: Walters #1 Producer: Robert Enfield
Location: _____ County: Eddy State: New Mexico
Purpose: Well Test Sampled By: B & C UPLN.
Sampling Temp.: 67 °F Atmos Temp.: 66 °F
Volume/day: 81.4 MCF Formation: ATOKA
Pressure on Bomb: 547 PSIG; Line Pressure: 567 PSIG

Gas Component			Analysis	Press. Base: 14.73	
	Mol. %	Liq. %	GPM Per MCF		
Carbon Dioxide CO ₂	.407			BTU Dry	1067
Oxygen O ₂				BTU Wet	1067
Nitrogen N ₂	1.023			Calc. Specific Gravity	.604
Hydrogen Sulfide H ₂ S					
				@ Std. Press. 14.696	
Methane C ₁	92.939		15.716	BTU Dry	1061
Ethane C ₂	4.061		1.083	BTU Wet	1060
Propane C ₃	.937		.257		
Iso-Butane IC ₄	.149		.049	Calc. Vap. Press. #/Sq.In.	
Nor-Butane NC ₄	.192		.060	Reid Vap. Press. #/Sq.In.	
Iso-Pentane IC ₅	.088		.032	Z Factor	.9978
Nor-Pentane NC ₅	.055		.020	N Value	1.3048
Hexanes plus	.149		.064	Ave Mol Wt	17.4503
Hexanes C ₆				Ave Cu Ft/Gal	
Heptanes					
Heptanes Plus C ₇ +				Run by	Jeffrey A. Propp
				Calculated By	Jeffrey A. Propp
Total	100.000		17.283		
Pentane + G.P.M.			.117		
Propane + GPM			.483	Ethane + GPM	1.566
6-lb Gasoline			.503		

Remarks: BTU Wet adjusted to flowing conditions as established by FERC Order #93/93-A and calculated per GPA Reference Bulletin 181-82.

Distribution: _____