



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 1229-9

Date Run 12/22/83

Date Sampled 12/28/83

Analysis For: BENNETT & CATHEY WRLN.

Lease: Parino #1

Location: Well Test Producer: Chama

Purpose: Well Test County: Eddy State: New Mexico

Sampling Temp. 91 °F Sampled By: B & C WRLN.

Volume/day: 305 Atmos Temp. °F

Pressure on Bomb: 305 PSIG, Line Pressure: 318.2 PSIA PSIG

Gas Component

Analysis Press. Base: 14.73

	Mol. %	Liq. %	GPM Per MCF
Carbon Dioxide CO ₂	1.224		
Oxygen O ₂	.004		
Nitrogen N ₂	1.809		
Hydrogen Sulfide H ₂ S			
Methane C ₁	90.900		15.372
Ethane C ₂	3.721		.993
Propane C ₃	1.023		.281
Iso Butane IC ₄	.192		.063
Nor-Butane NC ₄	.224		.071
Iso-Pentane IC ₅	.126		.046
Nor-Pentane NC ₅	.079		.029
exanes plus	.698		.303
Hexanes C ₆			
eptanes			
Heptanes Plus C ₇ +			
Total	100.000		17.156
Pentane + G.P.M.			.377
opane + GPM			.791
-lb Gasoline			.803

BTU Dry 1072

BTU Wet 1069

Calc. Specific Gravity .631

@ Std. Press. 14.696

BTU Dry 1070

BTU Wet 1067

Calc. Vap. Press. #/Sq. In.

Reid Vap. Press. #/Sq. In.

Z Factor .9976

N Value 1.3039

Ave Mol Wt 18.2399

Ave Cu Ft/Gal

Run by Jeffrey A. Propp

Calculated By Jeffrey A. Propp

Ethane + GPM 1.784

marks: BTU Wet adjusted to flowing conditions as established by FERC Order #93/93-A and calculated per GPA Reference Bulletin 1B1-82.

Distribution: