



"Let Interest in Measurement be our Concern"

PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 312-1
Date Run 03/12/84
Date Sampled 03/09/84

Analysis For BENNETT & CATHEY WRLN.
Lease BTg Eddy Unit
Location Undesignated Atoka Gas
Purpose Recompletion
Sampling Temp 63 °F
Volume/day 483 MCF
Pressure on Bomb 300
Producer Atoka
County Eddy State New Mexico
Sampled By Bennett & Cathy
Atmos Temp 70 °F
Formation _____
PSIG; Line Pressure 313.2 PSIA PSIG

Gas Component			Analysis	Press. Base: 14.73
	Mol. %	Liq. %	GPM Per MCF	
Carbon Dioxide CO ₂	.500			BTU Dry 1044
Oxygen O ₂	.017			BTU Wet 1043
Nitrogen N ₂	.978			Calc. Specific Gravity .593
Hydrogen Sulfide H ₂ S				
@ Std. Press. 14.696				
Methane C ₁	94.542		15.988	BTU Dry 1042
Ethane C ₂	2.964		.791	BTU Wet 1023
Propane C ₃	.523		.144	
Iso Butane IC ₄	.121		.040	Calc. Vap. Press. #/Sq In _____
Nor-Butane NC ₄	.100		.031	Reid Vap. Press. #/Sq In _____
Iso-Pentane IC ₅	.087		.032	Z Factor .9979
Nor-Pentane NC ₅	.049		.018	R Value 1.3027
Hexanes plus	.120		.055	Ave Mol Wt 17.1347
Hexanes C ₆				Ave Cu Ft/Gal _____
Heptanes				
Heptanes Plus C ₇ +				Run by Joe H. Kroum
Total	100.000		17.097	Calculated By Jeffrey A. Propp
Pentane + GPM			.104	
Propane + GPM			.319	Ethane + GPM 1.110
26-lb Gasoline			.367	

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

Distribution