



Let your Interest in Measurement be our Concern

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

Run No. 328-8
Date Run 03/28/84
Date Sampled 03/27/84

Analysis For: BENNETT & CATHEY WRLN.
Lease: Gulf Federal #1-Y
Location: Undesignated Producer: Chama
Purpose: Well Test County: Eddy State: New Mexico
Sampling Temp. 61 °F Sampled By: E & C WRLN.
Volume/day: 705 MCF Atmos Temp. 60 °F
Pressure on Bomb: 230 Formation: MORROW
PSIG: Line Pressure 243.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

	Mol %	Liq. %	GPM Per MCF
Carbon Dioxide CO ₂	42.878		
Oxygen O ₂	.013		
Nitrogen N ₂	3.802		
Hydrogen Sulfide H ₂ S			
Methane C ₁	51.446		8.700
Ethane C ₂	.974		.260
Propane C ₃	.279		.077
iso-Butane IC ₄	.057		.019
nor-Butane NC ₄	.050		.016
iso-Pentane IC ₅	.044		.016
nor-Pentane NC ₅	.026		.010
Hexanes plus	.431		.198
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	100.000		9.294
Heptane + G.P.M.			.224
Propane + GPM			.335
1-lb Gasoline			.401

BTU Dry 577
BTU Wet 576
Calc. Specific Gravity 1.009

@ Std. Press. 14.696
BTU Dry 575
BTU Wet 565

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

Z Factor .9972
N Value 1.3016
Ave Mol Wt 29.1539
Ave Cu Ft/Gal

Run by Jeffrey A. Propp

Calculated By Jeffrey A. Propp

Ethane + GPM .595

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

Contribution