



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

Run No. 814-1
Date Run 08/14/85
Date Sampled 08/13/85

Analysis For: BENNETT & CATHEY WRLN.

Lease: Federal AC #1

Location _____ Producer Cities Service Comp.

Purpose Well Test County Eddy State New Mexico

Sampling Temp. 100 °F Sampled By B & C Wrln.

Volume/day 792.0MCF Atmos Temp. 96 °F

Pressure on Bomb 510 Formation _____

PSIG; Line Pressure 523.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

Mol. %

Liq. %

GPM
Per MCF

Carbon Dioxide CO ₂	1.402		
Oxygen O ₂	.013		
Nitrogen N ₂	.197		
Hydrogen Sulfide H ₂ S			
Methane C ₁	96.066		
Ethane C ₂	1.888		.505
Propane C ₃	.277		.076
Iso-Butane IC ₄	.058		.019
Nor-Butane NC ₄	.038		.012
Iso-Pentane IC ₅	.008		.003
Nor-Pentane NC ₅	.006		.002
Hexanes plus	.045		.021
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	100.000		.639
Pentane + G.P.M.			.026
Propane + GPM			.134
26-lb Gasoline			

BTU Dry 1021
BTU Wet 1004
Calc. Specific Gravity .584

@ Std. Press. 14.696

BTU Dry 1019
BTU Wet 1001

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

Z Factor .9980
N Value 1.3042
Ave Mol Wt 16.8901
Ave Cu Ft/Gal _____

Run by Jeffrey A. Propp

Calculated By Jeffrey A. Propp

Remarks:

Distribution: