

"Let your Interest in Measurement be our Concern"



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 1012-2
Date Run 10/13/84
Date Sampled 10/11/84

Analysis For: BENNETT & CATHEY WRLN.

Case: Fed OH Gas Com #1 Producer: Amoco
Location: _____ County: Eddy State: New Mexico
Purpose: Analysis Sampled By: B & C Wireline
Sampling Temp.: 61 °F Atmos Temp.: 70 °F
Volume/day: 3345 MCF/Day Formation: Strawn
Pressure on Bomb: 400 PSIG: Line Pressure 413.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

	Mol. %	Liq. %	GPM Per MCF
Carbon Dioxide CO ₂	.102		
Oxygen O ₂	.012		
Nitrogen N ₂	1.244		
Hydrogen Sulfide H ₂ S			
Methane C ₁	85.303		14.629
Ethane C ₂	7.261		1.942
Propane C ₃	3.085		.850
Isobutane IC ₄	.558		.183
Normal Butane NC ₄	.737		.248
Isopentane IC ₅	.301		.110
Normal Pentane NC ₅	.183		.063
Hexanes plus	.160		.074
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	100.000		18.102
Pentane + G.P.M.			.250
Propane + GPM			1.531
Gasoline			.927

BTU Dry 1156
BTU Wet 1136
Calc. Specific Gravity .660

@ Std. Press. 14.696

BTU Dry 1153
BTU Wet 1133

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

Z Factor .9972
N Value 1.2903
Ave Mol Wt 19.0709
Ave Cu Ft/Gal _____

Run by Joe H. Kroum

Calculated By Jeffrey A. Propp

Ethane + GPM 3.473

Remarks:

Distribution: