



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No 710-1

Date Run 07/10/84

Date Sampled 07/09/84

Analysis For: BENNETT & CATHEY WRLN.
 Lease: McKay Winston Sta#1
 Location: Pecos Slope
 Purpose: _____
 Sampling Temp: 90 °F
 Volume/day: 350 MCF/Day
 Pressure on Bomb: 700
 Producer: McKay
 County: Chaves State: New Mexico
 Sampled By: E & C Wrln.
 Atmos Temp: 90 °F
 Formation: ABO
 PSIG, Line Pressure: 713.2 PSIA PSIG

Gas Component			Analysis	Press. Base: 14.73
	Mol. %	Liq. %	GPM Per MCF	
Carbon Dioxide CO ₂	.016			BTU Dry <u>1066</u>
Oxygen O ₂	.037			BTU Wet <u>1065</u>
Nitrogen N ₂	4.722			Calc. Specific Gravity <u>.639</u>
Hydrogen Sulfide H ₂ S				
				@ Std. Press. 14.696
Methane C ₁	87.320		14.800	BTU Dry <u>1064</u>
Ethane C ₂	4.725		1.264	BTU Wet <u>1062</u>
Propane C ₃	1.757		.484	
iso-Butane iC ₄	.285		.093	Calc. Vap. Press. #/Sq. In. _____
Nor-Butane nC ₄	.576		.182	Reid Vap. Press. #/Sq. In. _____
iso-Pentane iC ₅	.182		.067	Z Factor <u>.9977</u>
Nor-Pentane nC ₅	.193		.070	N Value <u>1.3001</u>
Hexanes plus	.157		.072	Ave Mol Wt <u>18.4837</u>
Hexanes C ₆				Ave Cu Ft/Gal _____
Heptanes				
Heptanes Plus C ₇ +				Run by <u>Joe H. Kroum</u>
Total	100.000		17.032	Calculated By <u>Jeffrey A. Propp</u>
Pentane + G.P.M.			.209	
Propane + GPM			.968	Ethane + GPM <u>2.231</u>
Gasoline			.778	

Remarks: BTU Wet @ 14.73 from GPA Reference Bulletin 181-
 82 Heating Value Conversion Table. Factor: .9849

Distribution: _____