

"Let's Interest in Measurement be our Concern"



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 215-1

Date Run 02/15/84

Date Sampled 02/11/84

Analysis For: BENNETT & CATHEY URLN.

Lease: State 32 #1 Producer H.L. Brown

Location _____ County Lea State New Mexico

Purpose Well Test Sampled By B & C URLN.

Sampling Temp. 82 °F Atmos Temp. 55 °F

Volume/day 909 MCF Formation _____

Pressure on Bomb 350 PSIG; Line Pressure 363.2 PSIA PSIG _____

Gas Component Analysis Press. Base: 14.73

	Mol. %	Liq. %	GPM Per MCF
Carbon Dioxide CO ₂	.353		
Oxygen O ₂	.035		
Nitrogen N ₂	1.228		
Nitrogen Sulfide H ₂ S			
Methane C ₁	79.673		13.473
Ethane C ₂	10.168		2.713
Propane C ₃	5.478		1.506
Iso-Butane IC ₄	.686		.224
Nor-Butane NC ₄	1.432		.450
Iso-Pentane IC ₅	.307		.112
Nor-Pentane NC ₅	.308		.111
Hexanes plus	.333		.153
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	100.000		18.743
Pentane + G.P.M.			.376
Propane + GPM			2.557
-lb Gasoline			1.232

BTU Dry 1244

BTU Wet 1239

Calc. Specific Gravity .719

@ Std. Press. 14.696

BTU Dry 1238

BTU Wet 1217

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

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

Z Factor .9944

N Value 1.2803

Ave Mol Wt 20.7735

Ave Cu Ft/Gal _____

Run by Jeffrey A. Propp

Calculated By Jeffrey A. Propp

Ethane + GPM 5.270

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

Distribution: _____

