

"Let your 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 WRLN.

Lease: State 32 #1 Producer H.L. Brown
Location _____ County Lea State New Mexico
Purpose Well Test Sampled By B & C WRLN.
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		
Hydrogen 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
6-lb Gasoline			1.232

BTU Dry 1241
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 .9966
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 estab-
lished by FERC Order #93/93-A and calculated per
GPA Reference Bulletin 181-82.

Distribution: _____

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O.C.D.
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