



"Let your Interest in Measurement be our Concern"

PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

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O. C. D.

ARTESIA, OFFICE

Run No. 1014/3
Date Run 10/14/85
Date Sampled 10/11/85

Analysis For: BENNETT & CATHEY WRLN.

Lease: Totes Producer: Read & Stevens, Inc.
Location: County: Chaves State: New Mexico
Purpose: Well Test Sampled By: B & C Wrln.
Sampling Temp: 60 °F Atmos Temp: °F
Volume/day: Formation:
Pressure on Bomb: 50 PSIG: Line Pressure: 63.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

Mol. %

Liq. %

GPM
Per MCF

Carbon Dioxide CO ₂	.886		
Oxygen O ₂	.012		
Nitrogen N ₂	4.867		
Hydrogen Sulfide H ₂ S			
Methane C ₁	83.385		14.133
Ethane C ₂	6.684		1.788
Propane C ₃	2.497		.688
Iso-Butane IC ₄	.324		.106
Nor-Butane NC ₄	.629		.198
Iso-Pentane IC ₅	.187		.068
Nor-Pentane NC ₅	.214		.078
Hexanes plus	.315		.145
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	100.000		17.205
Pentane + G.P.M.			.291
Propane + GPM			1.284
26-lb Gasoline			.448

BTU Dry 1093
BTU Wet 1074
Calc. Specific Gravity .671

@ Std. Press. 14.696

BTU Dry 1091
BTU Wet 1072

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

Reid Vap. Press. #/Sq.In.

Z Factor .9974
N Value 1.2958
Ave Mol Wt 19.4045
Ave Cu Ft/Gal

Run by Ann Howe

Calculated By Jeffrey A. Propp

Ethane + GPM 3.071

Remarks:

Distribution: