

"Let Interest in Measurement be our Concern"



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 516-1
Date Run 05/16/84
Date Sampled 05/15/84

Analysis For: BENNETT & CATHEY WRLN.

Lease: N.M. Federal '5' #1

Location

Purpose Well Test

Sampling Temp. 56 °F

Volume/day 607 MCF

Pressure on Bomb 330

Producer Flag Redfern

County Chaves State New Mexico

Sampled By B & C WRLN.

Atmos Temp. °F

Formation

PSIG; Line Pressure 313.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

Mol. %

Liq. %

GPM
Per MCF

Carbon Dioxide CO₂

Oxygen O₂ .020

Nitrogen N₂ 5.579

Hydrogen Sulfide H₂S

Methane C₁

Ethane C₂ 86.391

Propane C₃ 4.642

Iso-Butane IC₄ 1.746

Nor-Butane NC₄ .312

Iso-Pentane IC₅

Nor-Pentane NC₅ .210

Hexanes plus .224

Hexanes C₆

Heptanes

Heptanes Plus C₇+

Total 100.000

Pentane + G.P.M.

Propane + GPM

16-lb Gasoline

14.609

1.239

.480

.102

.195

.077

.081

.118

.276

1.052

.860

BTU Dry

BTU Wet

Calc. Specific Gravity

1065

1064

.647

@ Std. Press. 14.696

BTU Dry

BTU Wet

1063

1044

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

Reid Vap. Press. #/Sq.In.

Z Factor

N Value

Ave Mol Wt

Ave Cu Ft/Gal

.9976

1.3004

18.7063

Run by Jeffrey A. Prapp

Calculated By Jeffrey A. Prapp

Ethane + GPM 2.291

Remarks: BTU Wet adjusted to flowing conditions as established by PERC Order #93/93-A and calculated per GPA Reference Bulletin 101-62.
No CO₂ detected.

Distribution: