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PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

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 CO₂

.886

Oxygen O₂

.012

Nitrogen N₂

4.867

Hydrogen Sulfide H₂S

BTU Dry

1093

BTU Wet

1074

Calc. Specific Gravity

.671

@ Std. Press. 14.696

Methane C₁

83.385

14.133

BTU Dry

1091

Ethane C₂

6.684

1.788

BTU Wet

1072

Propane C₃

2.497

.688

Iso-Butane IC₄

.324

.106

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

Nor-Butane NC₄

.629

.198

Reid Vap. Press. #/Sq.In.

Iso-Pentane IC₅

.187

.068

Z Factor

.9974

Nor-Pentane NC₅

.214

.078

N Value

1.2958

Hexanes plus

.315

.145

Ave Mol Wt

19.4045

Hexanes C₆

Heptanes

Heptanes Plus C₇+

Total

100.000

17.205

Run by Ann Howe

Calculated By Jeffrey A. Propp

Pentane + G.P.M.

.291

Propane + GPM

1.284

Ethane + GPM

3.071

26-lb Gasoline

.448

Remarks:

Distribution: