



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 214-1

Date Run 02/14/83

Date Sampled 02/14/83

Analysis For: BENNETT & CATHEY WRLN.

Lease: Sombrero State #1

Location: Well Test

Purpose: Well Test

Sampling Temp. °F

Volume/day 455

Pressure on Bomb 455

Producer W.A. Moncrief

County CHAVES State NEW MEXICO

Sampled By B & C WRLN.

Atmos Temp. °F

Formation PSIG

PSIG; Line Pressure PSIG

Gas Component

Analysis

Press. Base: 14.73

Mol. %

Liq. %

GPM
Per MCF

Carbon Dioxide CO₂

.561

Oxygen O₂

1.078

Nitrogen N₂

Hydrogen Sulfide H₂S

Methane C₁

84.252

Ethane C₂

8.963

Propane C₃

3.322

Iso-Butane IC₄

.454

Nor-Butane NC₄

.777

Iso-Pentane IC₅

.218

Nor-Pentane NC₅

.216

Hexanes C₆

Hexanes

.159

Heptanes Plus C₇+

100.000

Total

18.197

Pentane + G.P.M.

PROPANE + G.P.M.

.223

1.527

BTU Dry

1164

BTU Wet

1144

Calc. Specific Gravity

.671

@ Std. Press. 14.696

BTU Dry

1161

BTU Wet

1141

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

Reid Vap. Press. #/Sq.In.

Z Factor

.9971

N Value

1.2886

Ave Mol Wt

19.3909

Run by JAP

Calculated By JAP

Remarks:

Distribution: