



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 401-1
Date Run 06/01/84
Date Sampled 05/31/84

Analysis For: BENNETT & CATHEY WRLN.

Lease China Draw State #1 Producer Sun Exploration
Location West Pecos Slope County Chaves State New Mexico
Purpose Well Test Sampled By B. & C. URLN.
Sampling Temp. 78 °F Atmos Temp. 35 °F
Volume/day 576.6 MCF Formation ABO
Pressure on Bomb 80 PSIG: Line Pressure 93.2 PSIG

Gas Component

Analysis

Press. Base: 14.73

Mol. % Liq. % GPM
Per MCF

Carbon Dioxide CO ₂	4.641		
Oxygen O ₂	.081		
Nitrogen N ₂	5.207		
Hydrogen Sulfide H ₂ S			
Methane C ₁	34.572		14.301
Ethane C ₂	3.507		.936
Propane C ₃	.935		.257
Iso-Butane IC ₄	.135		.044
Nor-Butane NC ₄	.385		.121
Iso-Pentane IC ₅	.058		.032
Nor-Pentane NC ₅	.145		.053
Hexanes plus	.303		.140
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	100.000		15.884
Pentane + G.P.M.			.224
Hexane + GPM			.347
5-1b Gasoline			.663

BTU Dry 937
BTU Wet 972
Calc. Specific Gravity 0.69

@ Std. Press. 14.696

BTU Dry 905
BTU Wet 930

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

Reid Vap. Press. #/Sq. In.

Z Factor 0.97
N Value 174
Ave Mol Wt 45.367
Ave Cu Ft/Gal

Run by Jeffrey A. Propp

Calculated By Jeffrey A. Propp

Ethane + GPM 1.587

Remarks: BTU Wet @14.73 (from GPA Reference Bulletin 18)-
GPA Heating Value Conversion Table, February, 1984

Distribution