PRECISION SERVICE INC.

Flow Measurement Engineers
Analysis Results Summary
Casper, WY 82601

Run No. 1
Date Run 12-24-82
Date Sampled 12-21-82

Analysis For: STEVENS OPERATING CO.
Lease: Hannigan #4
Location
Purpose
Sampling Temp. °F
Volume/day
Pressure on Bomb 555

Producer Stevens Operating
County CHAVES State NEW MEXICO
Sampled By
Atmos Temp °F
Formation
PSIG; Line Pressure PSIG

Gas Component Analysis

Press. Base: 14.65

	Mol. %	Liq. %	GPM Per MCF
Carbon Dioxide CO_2	.050		
Oxygen O_2			
Nitrogen N_2	20.435		
Hydrogen Sulfide H_2S			
Methane C1	73.173		12.402
Ethane C2	3.823		1.020
Propane C3	1.404		.385
Iso-Butane IC4	.225		.073
Nor-Butane NC4	.431		.135
Iso-Pentane IC5	.123		.045
Nor-Pentane NC5	.125		.045
Hexanes C6			
Hexanes	.211		.086
Heptanes Plus C7+			
Total	100.000		14.193
Pentane + G.P.M.			.177
BUTANE + G.P.M.			.771

BTU Dry 882
BTU Wet 867
Calc. Specific Gravity .691

@ Std. Press. 14.696
BTU Dry 885
BTU Wet 869

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

Z Factor .9981
N Value 1.3174
Ave Mol Wt 19.9964

Run by JAP

Calculated By JAP

Remarks:

Distribution: