



"Let our Interest in Measurement be your Concern"

PRECISION SERVICE INC.

Flow Measurement Engineers
Analysis Results Summary
Casper, WY 82601

O. C. D.
ARTESIA, OFFICE

RECEIVED MAR 20 1984

Run No. 320-1
Date Run 03/20/84
Date Sampled 03/19/84

Analysis For: STEVENS OPERATING CORP

Lease: <u>Railroad State</u>	Producer: <u>Stevens Operating Corp</u>
Location: <u>Pecos Slope</u>	County: <u>Chaves</u> State: <u>New Mexico</u>
Purpose: <u>Well Test</u>	Sampled By: <u>B & C Wrln.</u>
Sampling Temp.: <u>64</u> °F	Atmos Temp.: <u>70</u> °F
Volume/day: <u>400</u>	Formation: <u>ABQ</u>
Pressure on Bomb: <u>700</u>	PSIG; Line Pressure: <u>713.2</u> PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

Mol. %

Liq. %

GPM
Per MCF

Carbon Dioxide CO ₂	1.849		
Oxygen O ₂	.045		
Nitrogen N ₂	4.930		
Hydrogen Sulfide H ₂ S			
Methane C ₁	85.665		14.486
Ethane C ₂	4.497		1.200
Propane C ₃	1.742		.479
Iso-Butane IC ₄	.277		.090
Nor-Butane NC ₄	.501		.158
Iso-Pentane IC ₅	.175		.064
Nor-Pentane NC ₅	.192		.069
Hexanes plus	.128		.059
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	100.000		16.605
Pentane + G.P.M.			.192
Propane + GPM			.919
26-lb Gasoline			.742

BTU Dry	1040
BTU Wet	1040
Calc. Specific Gravity	.654

@ Std. Press. 14.696

BTU Dry	1038
BTU Wet	1020

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

Reid Vap. Press. #/Sq.In.

Z Factor	.9977
N Value	1.3005
Ave Mol Wt	18.9174
Ave Cu Ft/Gal	

Run by Jeffrey A. Propp

Calculated By Jeffrey A. Propp

Ethane + GPM 2.119

Remarks: BTU Wet adjusted to flowing conditions as established by FERC Order #93/93-A and calculated per GPA Reference Bulletin 181-82.

Distribution: