



PRECISION SERVICE INC.
Flow Measurement Engineers
Analysis Results Summary
Casper, WY 82601

Run No. 625-1
Date Run 06/25/87
Date Sampled 06/23/87

Analysis For: BENNETT & CATHEY WRLN.

Lease: <u>PIERCE FEDERAL #2</u>	Producer: <u>MCKAY OIL CORP.</u>
Location: <u>CHINA DRAW</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>80</u> °F	Atmos Temp.: <u>100</u> °F
Volume/day: <u>2400 MCF</u>	Formation: <u>ABO</u>
Pressure on Bomb: <u>620</u>	PSIG: Line Pressure <u>633.2</u> PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

	Mol. %	Liq. %	GPM Per MCF
Carbon Dioxide CO ₂			
Oxygen O ₂			
Nitrogen N ₂	5.067		
Hydrogen Sulfide H ₂ S			
Methane C ₁	89.131		15.107
Ethane C ₂	3.136		.839
Propane C ₃	1.375		.379
Iso-Butane IC ₄	.206		.067
Nor-Butane NC ₄	.552		.174
Iso-Pentane IC ₅	.130		.048
Nor-Pentane NC ₅	.191		.069
Hexanes plus	.213		.098
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	100.000		16.781
Pentane + G.P.M.			.215
Propane + GPM			.835
26-lb Gasoline			.328

BTU Dry 1044
BTU Wet 1026
Calc. Specific Gravity .628

@ Std. Press. 14.696

BTU Dry 1042
BTU Wet 1024

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

Z Factor .9978
N Value 1.3030
Ave Mol Wt 18.1531
Ave Cu Ft/Gal

Run by JEFFREY A. PROPP

Calculated By JEFFREY A. PROPP

Ethane + GPM 1.674

Remarks:

Distribution: