



Our Interest in Measurement be our Concern

PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

RECEIVED JUN 29 1987

Run No. 625-4
 Date Run 06/25/87
 Date Sampled 06/24/87

Analysis For: BENNETT & CATHEY WRLN.
 Lease: L L & E FEDERAL #2 Producer: MCKAY OIL CORP.
 Location: CHINA DRAW County: CHAVES State: NEW MEXICO
 Purpose: WELL TEST Sampled By: R & C WRLN.
 Sampling Temp. 93 °F Atmos. Temp. 93 °F
 Volume/day: 1865 MCF Formation: ARO
 Pressure on Bomb: 760 PSIG; Line Pressure: 773.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

	Mol. %	Liq. %	GPM Per MCF
Carbon Dioxide CO ₂			
Oxygen O ₂			
Nitrogen N ₂	4.961		
Hydrogen Sulfide H ₂ S			
Methane C ₁	89.625		15.191
Ethane C ₂	2.957		.791
Propane C ₃	1.293		.356
Iso-Butane IC ₄	.194		.063
Nor-Butane NC ₄	.514		.162
Iso-Pentane IC ₅	.117		.043
Nor-Pentane NC ₅	.171		.062
Hexanes plus	.167		.077
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	100.000		16.746
Pentane + G.P.M.			.182
Propane + GPM			.764
26-lb Gasoline			.276

BTU Dry 1039
 BTU Wet 1020
 Calc. Specific Gravity .623

@ Std. Press. 14.696

BTU Dry 1036
 BTU Wet 1018

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

Reid Vap. Press. #/Sq.In.

Z Factor .9978

N Value 1.3035

Ave Mol Wt 18.0149

Ave Cu Ft/Gal

Run by JEFFREY A. PROPP

Calculated By JEFFREY A. PROPP

Ethane + GPM 1.555

Remarks:

Distribution: