



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

Run No. 009-1
Date Run 08/08/85
Date Sampled 08/08/85

Analysis For: BENNETT & CATHEY WRLN.
Lease: Keystone #1 Producer: Flag Refern
Location: _____ County: Eddy State: New Mexico
Purpose: 4 Point Test Sampled By: B & C Wrln.
Sampling Temp. 111 °F Atmos Temp. _____ °F
Volume/day: _____ Formation: Atoka
Pressure on Bomb 2636 PSIG; Line Pressure 2649.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

Mol. %

Liq. %

GPM
Per MCF

Carbon Dioxide CO ₂	<u>.329</u>		
Oxygen O ₂			
Nitrogen N ₂	<u>.972</u>		
Hydrogen Sulfide H ₂ S			
Methane C ₁	<u>89.879</u>		
Ethane C ₂	<u>5.823</u>		<u>1.557</u>
Propane C ₃	<u>1.836</u>		<u>.506</u>
Iso-Butane IC ₄	<u>.321</u>		<u>.105</u>
Nor-Butane NC ₄	<u>.402</u>		<u>.127</u>
Iso-Pentane IC ₅	<u>.155</u>		<u>.057</u>
Nor-Pentane NC ₅	<u>.101</u>		<u>.037</u>
Hexanes plus	<u>.183</u>		<u>.084</u>
Hexanes C ₆			
Heptanes			
Heptanes Plus C ₇ +			
Total	<u>100.000</u>		<u>2.473</u>

BTU Dry 1106
BTU Wet 1087
Calc. Specific Gravity .629

@ Std. Press. 14.696

BTU Dry 1104
BTU Wet 1084

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

Z Factor .9975
N Value 1.2956
Ave Mol Wt 18.1850
Ave Cu Ft/Gal _____

Run by Ann Howe

Calculated By _____

Pentane + G.P.M. .178
Propane + GPM .915

26-lb Gasoline

Remarks:

Distribution: