



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 131-5

Date Run 01/31/85

Date Sampled 01/30/85

Analysis For: ANADARKO PRODUCTION CO

Lease: New Mexico AA State #1

Location: Loco Hills

Purpose: Well Test

Sampling Temp. 45 °F

Volume/day 1.417 MCF

Pressure on Bomb 107

Producer Anadarko Production Co

County Eddy State New Mexico

Sampled By J. Propp

Atmos Temp. 59 °F

Formation Loco Hills

PSIG; Line Pressure 120.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.65

Mol. % Liq. % GPM
Per MCF

Carbon Dioxide CO ₂	<u>.463</u>		
Oxygen O ₂	<u>.018</u>		
Nitrogen N ₂	<u>9.936</u>		
Hydrogen Sulfide H ₂ S	<u>1.115</u>		

Methane C ₁	<u>75.012</u>		
Ethane C ₂	<u>8.711</u>		<u>2.317</u>
Propane C ₃	<u>3.354</u>		<u>.919</u>
iso-Butane iC ₄	<u>.342</u>		<u>.111</u>
nor-Butane nC ₄	<u>.489</u>		<u>.153</u>

iso-Pentane iC ₅	<u>.192</u>		<u>.070</u>
nor-Pentane nC ₅	<u>.164</u>		<u>.059</u>
Hexanes plus	<u>.203</u>		<u>.093</u>
Hexanes C ₆			

Heptanes			
Heptanes Plus C ₇ +			

Total	<u>100.000</u>		<u>3.723</u>
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Heptane + G.P.M.			<u>.222</u>
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Propane + GPM			<u>1.406</u>
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-lb Gasoline			<u>.784</u>
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BTU Dry	<u>1055</u>
BTU Wet	<u>1037</u>
Calc. Specific Gravity	<u>.708</u>

@ Std. Press. 14.696

BTU Dry	<u>1059</u>
BTU Wet	<u>1040</u>

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

Reid Vap. Press. #/Sq.In.

Z Factor	<u>.9974</u>
N Value	<u>1.2976</u>
Ave Mol Wt	<u>20.4492</u>
Ave Cu Ft/Gal	

Run by Jeffrey A. Propp

Calculated By Jeffrey A. Propp

Remarks: H₂S (on location): 1.115 percent, 709.14 grains/SCF
CO₂ (on location): 0.463 percent

Distribution: