

NATURAL GAS ANALYSIS REPORT

Sampled by:
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Analyzed by:
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Lab Number: 995874	Analyzed: 11/03/99
Sample From: Suerte #1 4pt	Pressure:
Producer: Horseshoe Operating	Temperature:
Date:	Location: 20-23-41
Time:	County: Hamilton
Sampler:	State: Kansas
Source:	Formation: Winfield

	Mole %	GPM
Helium	He: 0.813	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 39.689	0.000
Carbon Dioxide	CO2: 0.148	0.000
Methane	C1: 48.778	0.000
Ethane	C2: 4.544	1.215
Propane	C3: 3.311	0.912
Iso Butane	iC4: 0.418	0.137
Normal Butane	nC4: 1.125	0.355
Iso Pentane	iC5: 0.259	0.095
Normal Pentane	nC5: 0.329	0.119
Hexanes Plus	C6+: 0.586	0.256

TOTAL: 100.000 3.089
 Z Fact: 0.9982
 SP.GR.: 0.8213
 BTU (SAT): 750.1 @ 14.73 psia
 BTU (DRY): 763.4 @ 14.73 psia
 OCTANE RATING: 73.2

COMMENTS:

0.000