

NATURAL GAS ANALYSIS REPORT

Sampled by:
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Lab Number: 950447
Sample From: MLP Bruno 2-34 DST 1
Producer: Hugoton Energy Corp.
Date:
Time:
Sampler:
Source:

Analyzed: 08/22/95
Pressure:
Temperature:
Location: 34-29S-34W
County: Haskell
State: Kansas
Formation: Marmaton

	Mole %	GPM
Helium	He: 0.360	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 16.733	0.000
Carbon Dioxide	CO2: 0.173	0.000
Methane	C1: 60.353	0.000
Ethane	C2: 8.428	2.254
Propane	C3: 7.764	2.139
Iso Butane	iC4: 1.136	0.372
Normal Butane	nC4: 2.494	0.786
Iso Pentane	iC5: 0.643	0.235
Normal Pentane	nC5: 0.756	0.274
Hexanes Plus	C6+: 1.160	0.506

TOTAL: 100.000 6.567
Z Fact: 0.9964
SP.GR.: 0.8503
BTU (SAT): 1174.2 @ 14.73 psia
BTU (DRY): 1195.0 @ 14.73 psia
OCTANE RATING: 99.2

COMMENTS: Sample entered under vacuum