

# NATURAL GAS ANALYSIS REPORT

**Sampled by:**

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**Analyzed by:**

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**Lab Number:** 20005798**Analyzed:** 10/3/00**Sample From:** Rich 23-14 4pt  
**Producer:** Samuel Gary Jr.**Pressure:**  
**Temperature:****Date Location:** 23-32-19**Time:**  
**Sampler:**  
**Source:****County:** Comanche  
**State:** Kansas  
**Formation:** Miss / U 10/4

	Mole %	GPM
Helium	He: 0.314	0.000
Hydrogen	H2: 0.007	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 6.396	0.000
Carbon Dioxide	CO2: 0.221	0.000
Methane	C1: 86.358	0.000
Ethane	C2: 3.955	1.058
Propane	C3: 1.661	0.458
Iso Butane	iC4: 0.221	0.072
Normal Butane	nC4: 0.474	0.149
Iso Pentane	iC5: 0.103	0.038
Normal Pentane	nC5: 0.117	0.042
Hexanes Plus	C6+: 0.173	0.075

TOTAL: 100.000 1.893

Z Fact: 0.9978  
SP.GR.: 0.6370

BTU (SAT): 1011.1 @ 14.73 psia  
BTU (DRY): 1029.0 @ 14.73 psia

**OCTANE RATING: 118.8**

COMMENTS:

0.000