

NATURAL GAS ANALYSIS REPORT

Sampled by:
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Analyzed by:
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Lab Number: 20030903
 Sample From: Ruby 2
 Producer: Molz Oil Co.
 Date:
 Time:
 Sampler:
 Source: DST 1

Analyzed: 02/23/03
 Pressure:
 Temperature:
 Location: 2-33-10
 County: Barber
 State: Kansas
 Formation: Miss

	Mole %	GPM
Helium	He: 0.094	0.000
Hydrogen	H2: 0.004	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 1.522	0.000
Carbon Dioxide	CO2: 0.084	0.000
Methane	C1: 88.249	0.000
Ethane	C2: 5.476	1.465
Propane	C3: 2.518	0.694
Iso Butane	iC4: 0.326	0.107
Normal Butane	nC4: 0.802	0.253
Iso Pentane	iC5: 0.197	0.072
Normal Pentane	nC5: 0.255	0.092
Hexanes Plus	C6+: 0.473	0.206

TOTAL: 100.000 2.889
 Z Fact: 0.9973
 SP.GR.: 0.6513
 BTU (SAT): 1116.6 @ 14.73 psia
 BTU (DRY): 1136.3 @ 14.73 psia
 OCTANE RATING: 124.2

COMMENTS:

0.000