

NATURAL GAS ANALYSIS REPORT

Sampled by:
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Lab Number	20032178	Analyzed	05/08/03
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Sample From:	Dorsey Trust 2-21	Pressure:
Producer:	Castelli Exploration	Temperature:

Date	Location
	21-33-16

Time:	County:	Comanche
Sampler:	State:	Kansas
Source: 4 pt	Formation:	Miss

	Mole %	GPM
Helium	He: 0.060	0.000
Hydrogen	H2: 0.038	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 18.065	0.000
Carbon Dioxide	CO2: 0.150	0.000
Methane	C1: 75.057	0.000
Ethane	C2: 3.089	0.826
Propane	C3: 1.256	0.346
Iso Butane	iC4: 0.226	0.074
Normal Butane	nC4: 0.535	0.169
Iso Pentane	iC5: 0.236	0.086
Normal Pentane	nC5: 0.299	0.108
Hexanes Plus	C6+: 0.989	0.431

TOTAL: 100.000 2.041

Z Fact: 0.9979

SP.GR.: 0.7062

BTU (SAT): 929.1 @ 14.73 psia
 BTU (DRY): 945.6 @ 14.73 psia
 OCTANE RATING: 103.2

COMMENTS:

0.000