

NATURAL GAS ANALYSIS REPORT

Sampled by:
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Lab Number: 20010530 Analyzed: 02/01/01

Sample From: Dale Trust #1 DST 1 Pressure:
Producer: Thoroughbred Assoc. Temperature:

Date: Location: 15-32-20

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

	Mole %	GPM
Helium	He: 0.231	0.000
Hydrogen	H2: 0.001	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 6.834	0.000
Carbon Dioxide	CO2: 0.013	0.000
Methane	C1: 85.585	0.000
Ethane	C2: 4.543	1.215
Propane	C3: 1.762	0.486
Iso Butane	iC4: 0.206	0.067
Normal Butane	nC4: 0.420	0.132
Iso Pentane	iC5: 0.075	0.027
Normal Pentane	nC5: 0.092	0.033
Hexanes Plus	C6+: 0.238	0.104

TOTAL: 100.000 2.065

Z Fact: 0.9978

SP.GR.: 0.6407

BTU (SAT): 1015.1 @ 14.73 psia

BTU (DRY): 1033.1 @ 14.73 psia

OCTANE RATING: 118.4

COMMENTS:

0.000