NATURAL GAS ANALYSIS REPORT

Sampled by:
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Analyzed by:
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Lab Number:	980783	Analyzed:	04/06/98
Sample From:	MLP Scheallbacker 2-4 DST 4	Pressure:	
Producer:	Chesapeake Operating	Temperature:	
Date:		Location:	4-30-34
Time:		County:	Haskell
Sampler:		State:	Kansas
Source:		Formation:	Morrow

		Mole %	GPM
Helium	He:	0.843	0.000
Hydrogen	H2:	1.356	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	10.089	0.000
Carbon Dioxide	CO2:	0.348	0.000
Methane	C1:	76.604	0.000
Ethane	C2:	4.290	1.147
Propane	C3:	2.992	0.824
Iso Butane	iC4:	0.560	0.183
Normal Butane	nC4:	1.215	0.383
Iso Pentane	iC5:	0.347	0.127
Normal Pentane	nC5:	0.435	0.158
Hexanes Plus	C6+:	0.921	0.402
	TOTAL:	100.000	3.224
	Z Fact:	0.9974	
	SP.GR.:	0.7062	
	BTU (SAT):	1052.4 @ 14.73 psia	
	BTU (DRY):	1071.0 @ 14.73 psia	
	OCTANE RATING:	109.2	

COMMENTS: Bottle contained liquids 0.000