

NATURAL GAS ANALYSIS REPORT

Sampled by:
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Lab Number:	20012304	Analyzed:	05/16/01
Sample From:	Nanninga Trust 1-430 DST 5	Pressure:	
Producer:	Harris Oil & Gas	Temperature:	
Date:	Location: 30-30-33		
Time:		County:	Haskell
Sampler:		State:	Kansas
Source:		Formation:	Cherokee

	Mole %	GPM
Helium	He: 0.386	0.000
Hydrogen	H2: 0.013	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 9.899	0.000
Carbon Dioxide	CO2: 0.035	0.000
Methane	C1: 77.345	0.000
Ethane	C2: 6.684	1.788
Propane	C3: 3.671	1.012
Iso Butane	iC4: 0.395	0.129
Normal Butane	nC4: 0.938	0.296
Iso Pentane	iC5: 0.185	0.068
Normal Pentane	nC5: 0.228	0.083
Hexanes Plus	C6+: 0.221	0.096

TOTAL: 100.000 3.471

Z Fact: 0.9975

SP.GR.: 0.6967

BTU (SAT): 1049.8 @ 14.73 psia

BTU (DRY): 1068.3 @ 14.73 psia

OCTANE RATING: 112.6

COMMENTS:

0.000