

NATURAL GAS ANALYSIS REPORT

Sampled by:
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Lab Number:	20011914	Analyzed:	04/12/01
Sample From:	Brennand 1-24 DST 2	Pressure:	
Producer:	Harris Oil & Gas	Temperature:	
Date:	24-29-33	Location:	
Time:		County:	Haskell
Sampler:		State:	Kansas
Source:		Formation:	Morr Sand

	Mole %	GPM
Helium	He: 0.100	0.000
Hydrogen	H2: 0.045	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 8.720	0.000
Carbon Dioxide	CO2: 0.236	0.000
Methane	C1: 71.576	0.000
Ethane	C2: 8.746	2.339
Propane	C3: 5.720	1.576
Iso Butane	iC4: 0.879	0.288
Normal Butane	nC4: 1.748	0.551
Iso Pentane	iC5: 0.452	0.165
Normal Pentane	nC5: 0.576	0.209
Hexanes Plus	C6+: 1.202	0.524

TOTAL: 100.000 5.652

Z Fact: 0.9965

SP.GR.: 0.7825

BTU (SAT): 1196.0 @ 14.73 psia

BTU (DRY): 1217.2 @ 14.73 psia

OCTANE RATING: 111.0

COMMENTS:

0.000