

NATURAL GAS ANALYSIS REPORT

Sampled by:
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Analyzed by:
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Lab Number:	980939	Analyzed:	04/14/98
Sample From:	Whipple 1-636 DST 1	Pressure:	
Producer:	Harris Oil & Gas	Temperature:	
Date:		Location:	36-29-40
Time:		County:	Stanton
Sampler:		State:	Kansas
Source:		Formation:	St. Louis

	Mole %	GPM
Helium	He: 1.209	0.000
Hydrogen	H2: 0.013	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 12.641	0.000
Carbon Dioxide	CO2: 0.455	0.000
Methane	C1: 69.358	0.000
Ethane	C2: 5.702	1.525
Propane	C3: 4.459	1.229
Iso Butane	iC4: 0.814	0.266
Normal Butane	nC4: 1.737	0.548
Iso Pentane	iC5: 0.564	0.206
Normal Pentane	nC5: 0.737	0.267
Hexanes Plus	C6+: 2.311	1.008

TOTAL: 100.000 5.049
Z Fact: 0.9966
SP.GR.: 0.8031
BTU (SAT): 1153.6 @ 14.73 psia
BTU (DRY): 1174.1 @ 14.73 psia
OCTANE RATING: 104.0

COMMENTS:

0.000