

NATURAL GAS ANALYSIS REPORT

Sampled by:

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Analyzed by:

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Lab Number: 20016157

Analyzed: 12/05/01

Sample From: Legleiter C-2 DST 3
Producer: Tengasco, Inc.

Pressure:
Temperature:

Date: Location: 24-16-18

Time:
Sampler:
Source:

County: Rush
State: Kansas
Formation: Penn Sd

	Mole %	GPM
Helium	He: 2.414	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 18.433	0.000
Carbon Dioxide	CO2: 0.265	0.000
Methane	C1: 70.809	0.000
Ethane	C2: 3.789	1.013
Propane	C3: 1.551	0.427
Iso Butane	iC4: 0.368	0.120
Normal Butane	nC4: 0.598	0.189
Iso Pentane	iC5: 0.238	0.087
Normal Pentane	nC5: 0.248	0.090
Hexanes Plus	C6+: 1.287	0.561

TOTAL: 100.000 2.488

Z Fact: 0.9979

SP.GR.: 0.7155

BTU (SAT): 926.0 @ 14.73 psia
BTU (DRY): 942.3 @ 14.73 psia
OCTANE RATING: 98.9

COMMENTS:

0.000