

NATURAL GAS ANALYSIS REPORT

Sampled by:
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Lab Number: 20005446 Analyzed: 10/04/00

Sample From: Jellison OWWO 4pth Pressure:
Producer: Sam Gary, Jr. Temperature:

Date Location: 10-33-19

Time: County: Comanche
Sampler: State: Kansas
Source: Formation:

Mississippi

	Mole %	GPM
Helium	He: 0.080	0.000
Hydrogen	H2: 0.018	0.000
Oxygen	O2: 0.321	0.000
Nitrogen	N2: 2.161	0.000
Carbon Dioxide	CO2: 0.369	0.000
Methane	C1: 92.199	0.000
Ethane	C2: 2.663	0.712
Propane	C3: 0.871	0.240
Iso Butane	iC4: 0.148	0.048
Normal Butane	nC4: 0.303	0.096
Iso Pentane	iC5: 0.119	0.044
Normal Pentane	nC5: 0.131	0.047
Hexanes Plus	C6+: 0.617	0.269

TOTAL: 100.000 1.456

Z Fact: 0.9977

SP.GR.: 0.6186

BTU (SAT): 1043.0 @ 14.73 psia

BTU (DRY): 1061.5 @ 14.73 psia

OCTANE RATING: 124.1

COMMENTS:

0.321