

# NATURAL GAS ANALYSIS REPORT

Sampled by: Analyzed by:

Trilobite Testing, L. L. C.  
Hays, Kansas  
Scott City, Kansas

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Lab Number: 20011771

Analyzed: 04/05/01

Sample From: Western Feed Yard 1-1131 DST 1

Pressure:

Producer: Presco Western

Temperature:

Date: Location: 33-28-40

Time:  
Sampler:  
Source:

County: Stanton  
State: Kansas  
Formation: U Morr

|                | Mole %     | GPM   |
|----------------|------------|-------|
| Helium         | He: 0.912  | 0.000 |
| Hydrogen       | H2: 0.000  | 0.000 |
| Oxygen         | O2: 0.000  | 0.000 |
| Nitrogen       | N2: 24.207 | 0.000 |
| Carbon Dioxide | CO2: 0.148 | 0.000 |
| Methane        | C1: 65.475 | 0.000 |
| Ethane         | C2: 3.976  | 1.063 |
| Propane        | C3: 3.513  | 0.968 |
| Iso Butane     | iC4: 0.412 | 0.135 |
| Normal Butane  | nC4: 0.860 | 0.271 |
| Iso Pentane    | iC5: 0.170 | 0.062 |
| Normal Pentane | nC5: 0.168 | 0.061 |
| Hexanes Plus   | C6+: 0.159 | 0.069 |

TOTAL: 100.000 2.630

Z Fact: 0.9980

SP.GR.: 0.7359

BTU (SAT): 871.5 @ 14.73 psia  
BTU (DRY): 887.0 @ 14.73 psia  
OCTANE RATING: 94.1

COMMENTS:

0.000

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Analyzed by:

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Fax: 316-626-7108

Lab Number: 20011812

Analyzed: 04/07/01

Sample From: Western Feed Yard 1-1131 DST 2

Pressure:

Producer: Presco Western

Temperature:

Date: Location: 33-28-40

Time:

County: Stanton

Sampler:

State: Kansas

Source:

Formation: Basal Morr

|                | Mole %     | GPM   |
|----------------|------------|-------|
| Helium         | He: 0.274  | 0.000 |
| Hydrogen       | H2: 0.002  | 0.000 |
| Oxygen         | O2: 0.000  | 0.000 |
| Nitrogen       | N2: 11.159 | 0.000 |
| Carbon Dioxide | CO2: 0.197 | 0.000 |
| Methane        | C1: 61.607 | 0.000 |
| Ethane         | C2: 7.473  | 1.999 |
| Propane        | C3: 6.666  | 1.837 |
| Iso Butane     | iC4: 1.341 | 0.439 |
| Normal Butane  | nC4: 3.659 | 1.154 |
| Iso Pentane    | iC5: 1.502 | 0.550 |
| Normal Pentane | nC5: 2.509 | 0.909 |
| Hexanes Plus   | C6+: 3.611 | 1.575 |

TOTAL: 100.000 8.461

Z Fact: 0.9946

SP.GR.: 0.9536

BTU (SAT): 1417.0 @ 14.73 psia

BTU (DRY): 1442.1 @ 14.73 psia

**OCTANE RATING: 102.2**

COMMENTS:

0.000