

## NATURAL GAS ANALYSIS REPORT

Sampled by:

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Analyzed by:

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Lab Number: 20010007

Analyzed: 01/03/01

Sample From: Fark (L) 1-1 DST 1

Pressure:

Producer: Southwind Petroleum Corp.

Temperature:

Date: Location: 1-28-18

Time:

County: Kiowa

Sampler:

State: Kansas

Source:

Formation: Howard

|                |      | Mole % | GPM   |
|----------------|------|--------|-------|
| Helium         | He:  | 0.620  | 0.000 |
| Hydrogen       | H2:  | 0.000  | 0.000 |
| Oxygen         | O2:  | 0.000  | 0.000 |
| Nitrogen       | N2:  | 30.145 | 0.000 |
| Carbon Dioxide | CO2: | 0.034  | 0.000 |
| Methane        | C1:  | 64.237 | 0.000 |
| Ethane         | C2:  | 2.175  | 0.582 |
| Propane        | C3:  | 1.177  | 0.324 |
| Iso Butane     | iC4: | 0.233  | 0.076 |
| Normal Butane  | nC4: | 0.442  | 0.139 |
| Iso Pentane    | iC5: | 0.181  | 0.066 |
| Normal Pentane | nC5: | 0.199  | 0.072 |
| Hexanes Plus   | C6+: | 0.557  | 0.243 |

TOTAL: 100.000 1.503

Z Fact: 0.9984

SP.GR.: 0.7317

BTU (SAT): 772.1 @ 14.73 psia  
BTU (DRY): 785.7 @ 14.73 psia  
OCTANE RATING: 87.9

COMMENTS:

0.000