

# NATURAL GAS ANALYSIS REPORT

**Sampled by:**

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**Analyzed by:**

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**Lab Number: 20016391****Analyzed: 12/18/01**

Sample From: Lippoldt #1 DST 2  
Producer: Becker Oil

Pressure:  
Temperature:

**Date: Location: 6-23-20**

Time:  
Sampler:  
Source:

County: Edwards  
State: Kansas  
Formation: Towanda

|                | Mole %     | GPM   |
|----------------|------------|-------|
| Helium         | He: 0.985  | 0.000 |
| Hydrogen       | H2: 0.037  | 0.000 |
| Oxygen         | O2: 0.000  | 0.000 |
| Nitrogen       | N2: 28.705 | 0.000 |
| Carbon Dioxide | CO2: 0.026 | 0.000 |
| Methane        | C1: 68.686 | 0.000 |
| Ethane         | C2: 0.841  | 0.225 |
| Propane        | C3: 0.194  | 0.053 |
| Iso Butane     | iC4: 0.037 | 0.012 |
| Normal Butane  | nC4: 0.039 | 0.012 |
| Iso Pentane    | iC5: 0.052 | 0.019 |
| Normal Pentane | nC5: 0.082 | 0.030 |
| Hexanes Plus   | C6+: 0.316 | 0.138 |

TOTAL: 100.000 0.489

Z Fact: 0.9986

SP.GR.: 0.6878

BTU (SAT): 727.5 @ 14.73 psia  
BTU (DRY): 740.4 @ 14.73 psia  
OCTANE RATING: 90.6

COMMENTS:

0.000