



**NEW-TEX  
LAB**

PHONE 505/393-3561

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

**ANALYSIS CERTIFICATE**

CLIENT: BENNETT & CATHEY INC.,  
ADDRESS: BOX 787  
CITY, STATE: ARTESIA, NM 88210

ANALYSIS NUMBER: 9130  
DATE OF RUN: 04 03 86  
DATE SECURED: 04 03 86

SAMPLE IDENT: SUN - MADURO STATE COM #1  
SAMPLING PRESS: 700 PSIG  
SAMPLING TEMP: 80 DEG F

\*\*\*\*\* GAS ANALYSIS \*\*\*\*\*

|                | MOLE<br>PERCENT | GAL/<br>MCF |
|----------------|-----------------|-------------|
| NITROGEN       | 0.416           |             |
| CARBON DIOXIDE | 1.297           |             |
| METHANE        | 90.144          |             |
| ETHANE         | 4.955           | 1.321       |
| PROPANE        | 1.923           | 0.528       |
| ISO-BUTANE     | 0.255           | 0.083       |
| NORMAL BUTANE  | 0.480           | 0.151       |
| ISO-PENTANE    | 0.145           | 0.053       |
| NORMAL PENTANE | 0.122           | 0.044       |
| HEXANES        | 0.263           | 0.108       |
| TOTAL          | 100.000         | 2.288       |

|              |      |                    |      |
|--------------|------|--------------------|------|
| PROPANE GPM: | 0.53 | BUTANES GPM:       | 0.23 |
| ETHANE GPM:  | 1.32 | PENTANES PLUS GPM: | 0.21 |

SPECIFIC GRAV (CALC): 0.6333  
MOLE WEIGHT: 18.34

|               |                 |      |      |
|---------------|-----------------|------|------|
| HHV-BTU/CU FT | PRESSURE (PSIA) | WET  | DRY  |
|               | 14.696          | 1075 | 1094 |
|               | 14.650          | 1072 | 1091 |
|               | 14.730          | 1077 | 1097 |
|               | 14.735          | 1078 | 1097 |

DEANE SIMPSON

