

561.

685.

1089.

1269.

ER 0

INPUT OVERRANGE AT RT= 94.

WARREN PETROLEUM

EUNICE NEW MEX.

## CHROMATOGRAPHIC ANALYSIS

SAMPLE LOCATION: ARCO LANGLEY DEEP DEV. #485

DATE AND TIME TAKEN: NOVEMBER 16, 1988

ANALYZED BY: C KEMP

| NAME      | MOL%   | B. T. U.  | G. P. M. | SP. GR. |
|-----------|--------|-----------|----------|---------|
| ****      | *****  | *****     | *****    | *****   |
| HEXANE+   | 2.587  | 129.9967  | 1.1259   | 0.0807  |
| NITROGEN  | 1.452  | 0.        | 0.       | 0.014   |
| METHANE   | 59.24  | 598.324   | 0.       | 0.3281  |
| CO2       | 2.679  | 0.        | 0.       | 0.0407  |
| ETHANE    | 19.642 | 347.6045  | 5.2385   | 0.2039  |
| PROPANE   | 8.3    | 208.8363  | 2.2783   | 0.1264  |
| I BUTANE  | 0.627  | 20.3894   | 0.2046   | 0.0126  |
| N BUTANE  | 3.592  | 117.1818  | 1.1293   | 0.0721  |
| I PENTANE | 0.604  | 24.1654   | 0.2223   | 0.015   |
| N PENTANE | 1.277  | 51.1937   | 0.4615   | 0.0318  |
| TOTALS:   | 100.   | 1497.6918 | 10.6605  | 0.9254  |

COMPRESS. (Z) OF MIXTURE: 0.9942  
 REAL BTU/CF AT 14.696 PSIG: 1506.46

REAL BTU/CF AT 14.650 PSIG: 1501.75  
 REAL SPECIFIC GRAVITY: 0.9308

G. P. M. ETHANE+ 10.6604  
 G. P. M. PROPANE + 5.4218  
 G. P. M. GASOLINE: 3.1434