



# NEW-TEX LAB

PHONE 505/393-3561

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

## ANALYSIS CERTIFICATE

CLIENT: JOHN WEST ENGINEERING  
ADDRESS: 412 N DAL PASO  
CITY, STATE: HOBBS, NM 88240

ANALYSIS NUMBER: 4470  
DATE OF RUN: 9 28 84  
DATE SECURED: 9 27 84

SAMPLE IDENT: CITIES SERVICE OIL CO-GOVERNMENT "AD" #3  
SAMPLING PRESS: SAMPLING TEMP:

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

|                | MOLE<br>PERCENT | GAL/<br>MCF |
|----------------|-----------------|-------------|
| NITROGEN       | 0.325           |             |
| CARBON DIOXIDE | 1.053           |             |
| METHANE        | 95.854          |             |
| ETHANE         | 2.295           | 0.612       |
| PROPANE        | 0.358           | 0.098       |
| ISO-BUTANE     | 0.047           | 0.015       |
| NORMAL BUTANE  | 0.038           | 0.012       |
| ISO-PENTANE    | 0.020           | 0.007       |
| NORMAL PENTANE | 0.010           | 0.004       |
| TOTAL          | 100.000         | 0.748       |

|              |      |                    |      |
|--------------|------|--------------------|------|
| PROPANE GPM: | 0.10 | BUTANES GPM:       | 0.03 |
| ETHANE GPM:  | 0.61 | PENTANES PLUS GPM: | 0.01 |

SPECIFIC GRAV (CALC): 0.5819  
MOLE WEIGHT: 16.85

| HHV-BTU/CU FT | PRESSURE (PSIA) | WET  | DRY  |
|---------------|-----------------|------|------|
|               | 14.696          | 1004 | 1022 |
|               | 14.650          | 1001 | 1019 |
|               | 14.730          | 1006 | 1024 |
|               | 14.735          | 1006 | 1024 |

DEANE SIMPSON

