



## Laboratory Services

1331 Tasker Drive  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Pro Well Testng & Wireline  
Attention: Mr. Ray Gallagher  
P. O. Box 791  
Hobbs, New Mexico 88240

SAMPLE  
IDENTIFICATION: Lockhart B #11  
COMPANY: Conoco, Inc.  
LEASE:  
PLANT:

|              |                          |                    |              |               |
|--------------|--------------------------|--------------------|--------------|---------------|
| SAMPLE DATA: | DATE SAMPLED:            | 8-12-93 12:00 Noon | GAS (XX)     | LIQUID ( )    |
|              | ANALYSIS DATE:           | 08-13-93           | SAMPLED BY:  | Ray Gallagher |
|              | PRESSURE - PSIG          | 47.00              | ANALYSIS BY: | Vickie Walker |
|              | SAMPLE TEMP. °F          | 78.00              |              |               |
|              | ATMOS. TEMP. °F          |                    |              |               |
| REMARKS:     | Sample Taken @ Separator |                    |              |               |

### COMPONENT ANALYSIS

| COMPONENT              | MOL<br>PERCENT | GPW            |         |
|------------------------|----------------|----------------|---------|
| Hydrogen Sulfide (H2S) |                |                |         |
| Nitrogen (N2)          | 4.84           |                |         |
| Carbon Dioxide (CO2)   | 0.18           |                |         |
| Methane (C1)           | 81.81          |                |         |
| Ethane (C2)            | 7.72           | 2.053          |         |
| Propane (C3)           | 3.21           | 0.881          |         |
| I-Butane (IC4)         | 0.41           | 0.133          |         |
| N-Butane (NC4)         | 0.90           | 0.283          |         |
| I-Pentane (IC5)        | 0.24           | 0.087          |         |
| N-Pentane (NC5)        | 0.23           | 0.084          |         |
| Hexane (C6)            | 0.46           | 0.197          |         |
| Heptanes Plus (C7+)    | 0.00           | 0.000          |         |
|                        | 100.00         | 3.718          |         |
| BTU/CU.FT. - DRY       | 1127           | MOLECULAR WT.  | 19.7942 |
| AT 14.650 DRY          | 1124           |                |         |
| AT 14.650 WET          | 1101           | 26# GASOLINE - | 0.462   |
| AT 15.025 DRY          | 1152           |                |         |
| AT 15.025 WET          | 1158           |                |         |
| SPECIFIC GRAVITY -     |                |                |         |
| CALCULATED             | 0.684          |                |         |
| MEASURED               |                |                |         |

[illegible]