



## Laboratory Services

1331 Tasker Drive  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Pro Well Testing & Wireline  
Attention: Mr. Keith Norvell  
P. O. Box 791  
Hobbs, New Mexico 88241

STATION  
SAMPLE  
IDENTIFICATION: Federal "R" #1  
COMPANY: Mewbourne Oil Co.  
LEASE:  
PLANT:

|              |                 |                 |              |               |
|--------------|-----------------|-----------------|--------------|---------------|
| SAMPLE DATA: | DATE SAMPLED:   | 07/09/90 3:05PM | GAS (XX)     | LIQUID ( )    |
|              | ANALYSIS DATE:  | 07-09-90        | SAMPLED BY:  | Keith Norvell |
|              | PRESSURE - PSIG | 300.00          | ANALYSIS BY: | Rolland Perry |
|              | SAMPLE TEMP. °F | 84.00           |              |               |
|              | ATMOS. TEMP. °F | 92.00           |              |               |

REMARKS:

### COMPONENT ANALYSIS

| COMPONENT          |       | MOL<br>PERCENT | GPM            |         |
|--------------------|-------|----------------|----------------|---------|
| OXYGEN             | (O2)  |                |                |         |
| Hydrogen Sulfide   | (H2S) | 0.00           |                |         |
| Nitrogen           | (N2)  | 0.84           |                |         |
| Carbon Dioxide     | (CO2) | 5.09           |                |         |
| Methane            | (C1)  | 81.39          |                |         |
| Ethane             | (C2)  | 7.32           | 1.947          |         |
| Propane            | (C3)  | 3.22           | 0.882          |         |
| I-Butane           | (IC4) | 0.49           | 0.159          |         |
| N-Butane           | (NC4) | 0.88           | 0.277          |         |
| I-Pentane          | (IC5) | 0.25           | 0.091          |         |
| N-Pentane          | (NC5) | 0.19           | 0.069          |         |
| Hexane             | (C6)  | 0.33           | 0.143          |         |
| Heptanes Plus      | (C7+) | 0.00           | 0.000          |         |
|                    |       | 100.00         | 3.568          |         |
| BTU/CU.FT. - DRY   |       | 1111           | MOLECULAR WT   | 20.5534 |
| AT 14.650 DRY      |       | 1107           |                |         |
| AT 14.650 WET      |       | 1088           | 26# GASOLINE - | 0.395   |
| AT 15.025 DRY      |       | 1136           |                |         |
| AT 15.025 WET      |       | 1116           |                |         |
| SPECIFIC GRAVITY - |       |                |                |         |
| CALCULATED         |       | 0.710          |                |         |
| MEASURED           |       | 0.000          |                |         |