



# Laboratory Services, Inc.

4016 Fiesta Drive  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

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

SAMPLE:  
IDENTIFICATION: Southern Cross 20 #1  
COMPANY: Concho Resources  
LEASE:  
PLANT:

SAMPLE DATA: DATE SAMPLED: 1/11/01 10:05 am  
ANALYSIS DATE: 1/11/01  
PRESSURE - PSIG 323.7  
SAMPLE TEMP. °F 69.6  
ATMOS. TEMP. °F 65

GAS (XX) LIQUID ( )  
SAMPLED BY: Richard Hicks  
ANALYSIS BY: Vickie Walker

REMARKS:

## COMPONENT ANALYSIS

| COMPONENT              | MOL<br>PERCENT | GPM   |
|------------------------|----------------|-------|
| Hydrogen Sulfide (H2S) |                |       |
| Nitrogen (N2)          | 1.750          |       |
| Carbon Dioxide (CO2)   | 0.247          |       |
| Methane (C1)           | 92.948         |       |
| Ethane (C2)            | 3.070          | 0.819 |
| Propane (C3)           | 0.877          | 0.241 |
| I-Butane (IC4)         | 0.205          | 0.067 |
| N-Butane (NC4)         | 0.263          | 0.083 |
| I-Pentane (IC5)        | 0.113          | 0.041 |
| N-Pentane (NC5)        | 0.093          | 0.034 |
| Hexane Plus (C6+)      | 0.434          | 0.188 |
|                        | 100.000        | 1.473 |

BTU/CU.FT. - DRY 1059  
AT 14.650 DRY 1056  
AT 14.650 WET 1038  
AT 14.73 DRY 1062  
AT 14.73 WET 1043

MOLECULAR WT. 17.6397

SPECIFIC GRAVITY -  
CALCULATED 0.608  
MEASURED