

**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: 6/29/00  
ANALYSIS DATE: 8/20/00  
PRESSURE - PSIG 371  
SAMPLE TEMP. °F 91  
ATMOS. TEMP. °F

GAS (XX) LIQUID ( )  
SAMPLED BY: Ben Pena  
ANALYSIS BY: Vickie Walker

REMARKS: Sample taken @ the meter run.

**COMPONENT ANALYSIS**

| COMPONENT              | MOL<br>PERCENT | GPM   |
|------------------------|----------------|-------|
| Hydrogen Sulfide (H2S) |                |       |
| Nitrogen (N2)          | 0.575          |       |
| Carbon Dioxide (CO2)   | 0.528          |       |
| Methane (C1)           | 93.323         |       |
| Ethane (C2)            | 3.812          | 1.017 |
| Propane (C3)           | 1.012          | 0.276 |
| I-Butane (IC4)         | 0.206          | 0.067 |
| N-Butane (NC4)         | 0.193          | 0.061 |
| I-Pentane (IC5)        | 0.105          | 0.036 |
| N-Pentane (NC5)        | 0.056          | 0.020 |
| Hexane Plus (C6+)      | 0.123          | 0.079 |
|                        | 100.000        | 1.560 |

BTU/CU.FT. - DRY 1064  
AT 14.650 DRY 1061  
AT 14.650 WET 1042  
AT 14.73 DRY 1067  
AT 14.73 WET 1048

MOLECULAR WT. 17.4683

SPECIFIC GRAVITY -  
CALCULATED 0.608  
MEASURED