

**Laboratory Services, Inc.**

4016 Fiesta Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

CONFIDENTIAL

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

SAMPLE:
IDENTIFICATION: Blackbird 8 Federal #1
COMPANY: Concho Resources Inc.
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 11/16/00
ANALYSIS DATE: 11/17/00
PRESSURE - PSIG 879
SAMPLE TEMP. °F 73
ATMOS. TEMP. °F

GAS (XX) LIQUID ()
SAMPLED BY: Grey Myers
ANALYSIS BY: Vickie Walker

REMARKS: Sample taken @ the meter run.
Condensate API Gravity @ 60° F = 57.4

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.470	
Carbon Dioxide (CO2)	0.574	
Methane (C1)	89.281	
Ethane (C2)	6.124	1.634
Propane (C3)	2.289	0.629
I-Butane (IC4)	0.308	0.101
N-Butane (NC4)	0.590	0.186
I-Pentane (IC5)	0.160	0.058
N-Pentane (NC5)	0.154	0.056
Hexane Plus (C6+)	0.800	0.130
	100.000	2.794

BTU/CU.FT. - DRY 1123
AT 14.650 DRY 1120
AT 14.650 WET 1100
AT 14.73 DRY 1126
AT 14.73 WET 1106

MOLECULAR WT. 18.4858

SPECIFIC GRAVITY -
CALCULATED 0.633
MEASURED