

Laboratory Services, Inc.

1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Louis Dreyfus Natural Gas Company SAMPLE Casing Gas
Attention: Mr. Gene Simer IDENTIFICATION: Quahada Ridge 31 Fed. #4
P. O. Box 370 COMPANY: Louis Dreyfus
Carlsbad, New Mexico 88221 LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 02-29-96 1:50 PM GAS (XX) LIQUID ()
ANALYSIS DATE: 03-01-96 SAMPLED BY: Rolland Perry
PRESSURE - PSIG 40.00 ANALYSIS BY: Vickie Walker
SAMPLE TEMP. °F
ATMOS. TEMP. °F 46.00

REMARKS: H2S = 0

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM
Hydrogen Sulfide	(H2S)	0.00	
Nitrogen	(N2)	3.92	
Carbon Dioxide	(CO2)	0.21	
Methane	(C1)	75.07	
Ethane	(C2)	10.61	2.832
Propane	(C3)	5.55	1.526
I-Butane	(IC4)	0.62	0.201
N-Butane	(NC4)	1.67	0.525
I-Pentane	(IC5)	0.49	0.179
N-Pentane	(NC5)	0.59	0.213
Hexane Plus	(C6+)	1.27	0.521
		100.00	5.997

BTU/CU.FT. - DRY 1264
AT 14.650 DRY 1260
AT 14.650 WET 1238
AT 14.73 DRY 1267
AT 14.73 WET 1245

SPECIFIC GRAVITY -
CALCULATED 0.762
MEASURED

MOLECULAR WT. 22.0730

RECEIVED
AUG 5 2 24 PM '96
CARLSBAD
ARL