



# COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE 393-3813

3713 W. MARLAND ST.

P. O. BOX 1829

HOBBS, NEW MEXICO 88240

July 1, 1974

Atlantic Richfield Company  
P. O. Box 1710  
Hobbs, New Mexico 88240

RE: Undesignated Morrow Gas  
State BQ Com, No.1  
Eddy County New Mexico  
4-Point Back Pressure  
Test, Gas Sample &  
Analysis test

Gentlemen:

In compliance with your instructions, A 4-Point Back Pressure Test was conducted, and the absolute open flow potential was calculated to be 8274 MCF/Day. The average gas production was recorded to be 2686.2 MCF/Day, with 0.00 Bbls. D/Day.

The sample taken during test yielded component percentages as follows:

NITROGEN	0.242
CARBON DIOXIDE	1.290
HYDROGEN SULFIDE	0.000
METHANE	95.855
ETHANE	2.100
PROPANE	0.284
ISO-BUTANE	0.045
NORMAL BUTANE	0.060
ISO-PENTANE	0.029
NORMAL PENTANE	0.045
HEXANES plus	0.050

TOTAL	100.000
CALCULATED Sp. G.	0.5844
CALCULATED BTU dry	1021
CALCULATED BTU wet	1003

RECEIVED

JUL 17 1974

D. C. C.  
ARTESIA, OFFICE

Enclosures:

JAC/vr

Very Truly Yours

Coleman Petroleum Eng. Co.

*Joe A. Coleman*  
Joe A. Coleman

*7/5/74  
cc. L. J. Smith  
C. Coleman*