



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE 393-3813

3713 W. MARLAND ST.

P. O. BOX 1829

HOBBS, NEW MEXICO 88240

January 28, 1976

Yates Petroleum Corporation
207 South Fourth Street
Artesia, New Mexico 88210

Re: Kennedy Farms Morrow
Caffall F. D., No. 1
4-Point Back Pressure
Test, Gas Sample and
Analysis

Gentlemen:

In compliance with your instructions, a 4-Point Back Pressure test was conducted, and the absolute open flow potential was calculated to be 6805 MCF/day. The average production was recorded to be 2951.7 MCF/day with 24 bbls D/day resulting in a GOR of 122987 CF Gas/bbl D.

The sample taken during the test yielded component percentages as follows:

Carbon Dioxide	.116
Nitrogen	.390
Methane	91.462
Ethane	5.090
Propane	1.758
Iso-Butane	.215
N-Butane	.386
Iso-Pentane	.128
N-Pentane	.108
Hexanes	.115
Heptanes Plus	.232
Total	100.000
Calculated Sp. Gr.	0.6204
Calculated BTU Dry	1104
Calculated BTU Wet	1085

Very Truly Yours,

Joe A. Coleman
Joe A. Coleman

Enclosures
JAC/me