

JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONE 505 393-5396

HOBBS, NEW MEXICO 88240

RECEIVED

MAY 9 1977

O. C. C.
ARTESIA, OFFICE

March 16, 1977

Tom L. Ingram
P.O. Box 1757
Roswell, New Mexico 88201

Re: Mississippi gas
White Ranch, No.1
Chaves, New Mexico
4-Point Back Pressure
Test, Build Up, 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 3215 MCF/day. The average production was recorded to be 1748.20 MCF/day, with 20.64 bbls D/day and a resulting GOR of 84700 CF Gas/bbl D.

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

Carbon Dioxide	0.501
Nitrogen	1.292
Methane	84.884
Ethane	7.846
Propane	3.140
Iso-Butane	0.459
N-Butane	0.922
Iso-Pentane	0.253
N-Pentane	0.289
Hexanes	0.168
Heptanes	0.246
Total	100.000
Calculated Sp. Gr.	0.6734
Calculated BTU Dry	1163
Calculated BTU Wet	1143

Very Truly Yours,


Joe A. Coleman