

RECEIVED MAR 28 1977

JARREL SERVICES, INC.

POST OFFICE BOX 1654

PHONE 505 393 5396

HOBBS, NEW MEXICO 88240

March 17, 1977

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

RECEIVED

MAY 11 1977

**O. C. C.
ARTESIA, OFFICE**

Re: Mississippi Gas
White Ranch, No.2
Chaves, New Mexico
4-Point Back Pressure
Test, Build Up, Gas
Sample & 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 2069 MCF/day. The average production was recorded to be 764.58 MCF/Day, with 49.50 bbls/day and a resulting GOR of 15446 CF Gas/bbl D.

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

Carbon Dioxide	0.483
Nitrogen	1.282
Methane	82.681
Ethane	8.748
Propane	3.088
Iso-Butane	0.474
N-Pentane	0.664
Hexanes	0.469
Heptanes	0.490
N-Butane	1.108
Iso-Pentane	<u>0.513</u>
Total	100.000

Calculated Sp. Gr.	0.7059
Calculated BTU Dry	1214
Calculated BTU Wet	1193

Very Truly Yours,



Joe A. Coleman