



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE 393-3813

3713 W. MARLAND ST.

P. O. BOX 1829

HOBBS, NEW MEXICO 88240

June 20, 1973

RECEIVED

JUL 5 1973

Exxon Company, USA
P. O. Box 1897
Andrews, Texas 79714

O. C. C.
ARTESIA, OFFICE

Re: South Carlsbad Gas Com. No. 1, No. 1
South Carlsbad Morrow Gas
4-Point Back Pressure Test
Gas Sample & Analysis

Gentlemen:

In compliance with your instructions a 4-point back pressure was conducted, and the absolute open flow potential was calculated to be 8860 MCF/D. The average gas production was recorded as 4227.6 MCF/D with no liquid hydrocarbons.

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

Carbon Dioxide	1.40
Nitrogen	0.15
Methane	96.81
Ethane	1.33
Propane	0.19
Iso-Butanes	0.02
N-Butanes	0.02
Pentanes Plus	0.08

Total	100.00
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Calculated Sp.G	0.5786
Calculated BTU Dry	1011
Calculated BTU Wet	993

Enclosures:

Very Truly Yours,

COLEMAN PETROLEUM ENG. CO.

Joe A. Coleman