



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE 393-3813

3713 W. MARLAND ST.

P. O. BOX 1829

HOBBS, NEW MEXICO 88240

July 25, 1975

Samedan Oil Corporation
P.O. Box 190
Hobbs, New Mexico 88240

RE: Morrow Gas
Carlsbad State, No. 1
Eddy, New Mexico
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 12945 MCF/day. The average production was recorded to be 4068.6 MCF/day, with 0.00 bbls D/day.

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

Carbon Dioxide	1.353
Nitrogen	.284
Methane	96.286
Ethane	1.761
Propane	.216
Iso-Butane	.029
N-Butane	.026
Iso-Pentane	.012
N-Pentane	.005
Hexanes Plus	.028
Total	<u>100.000</u>
Calculated Sp. Gr.	0.5806
Calculated BTU Dry	1013
Calculated BTU Wet	995

Very Truly Yours,

Joe A. Coleman
Joe A. Coleman

Enclosures
JAC/me