



COLEMAN PETROLEUM ENGINEERING COMPANY

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November 20, 1974

Dorchester Exploration, Inc.
1204 Vaugh Bldg.
Midland, Texas 79701

RE: Undesignated Morrow
Henry Record, No. 1
Lea County, New Mexico
4 Point Back Pressure Test
Gas Sample Analysis

Gentlemen:

In compliance with your instructions, a 42 hour build-up and a 4 Point Back Pressure Test were conducted, the absolute open flow potential was calculated to be 3846 MCFD. The average gas production was recorded to be 1515.6 MCFD, with 201.6 Bbls D/D, and a resulting GOR of 7518 CF Gas/Bbl.

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

Carbon Dioxide	.395
Nitrogen	.580
Methane	66.364
Ethane	7.836
Propane	7.817
Iso-Butane	1.527
N-Butane	5.614
Iso-Pentane	3.001
N-Pentane	3.490
Hexanes	2.112
Heptanes	1.264
Total	100.000
Calculated Sp. Gr.	0.9869
Calculated BTU Dry	1667
Calculated BTU Wet	1638

Very Truly Yours
Coleman Petroleum Engr. Co.

Joe A. Coleman
Joe A. Coleman

Enclosures:
JAC/me