



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE EXPRESS 3-3813

611 GRIMES

P. O. BOX 1829

HOBBS, NEW MEXICO

APR 19 11 33 AM '66

APRIL 12, 1966

PENNZOIL COMPANY
1007 MIDLAND SAVINGS BANK BLDG.
MIDLAND, TEXAS

RE: GAS VOLUME TEST
SAMPLE ANALYSIS

GENTLEMEN:

IN COMPLIANCE WITH YOUR INSTRUCTIONS A 4-POINT BACK PRESSURE TEST WAS CONDUCTED AND A SAMPLE TAKEN DURING THE FLOW PERIOD.

THE ABSOLUTE OPEN FLOW WAS CALCULATED TO BE 3,100. MCF/D. AVERAGE GAS PRODUCTION DURING THE TEST WAS 2,326.94 MCF/D WITH 278.16 BO/D. A GOR WAS CALCULATED TO BE 8365 SCF/BO AND THE GAS SAMPLE YIELDED COMPONENT PERCENTAGES AS FOLLOWS:

CARBON DIOXIDE	0.29
NITROGEN	0.40
HYDROGEN SULFIDE	0.00
METHANE	84.66
ETHANE	9.27
PROPANE	3.67
ISO BUTANE	0.55
NORMAL BUTANE	0.79
PENTANE	0.28
HEXANE	0.09

TOTAL	100.00
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CALCULATED SP. G.	0.6692
CALCULATED BTU SAT	1159

VERY TRULY YOURS
COLEMAN PETROLEUM ENG. CO.

Joe A. Coleman
JOE A. COLEMAN