



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE EXPRESS 3-3813 611 GRIMES P. O. BOX 1829 HOBBS, NEW MEXICO

SEPTEMBER 30, 1969

PENNZOIL LIMITED, INC.
P. O. DRAWER 1828
MIDLAND, TEXAS

RE: Mescalero Ridge Unit, No. 1
Wildcat Morrow Gas
4-Point Back Pressure Test &
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 8950 MCF/D. THE AVERAGE GAS PRODUCTION WAS RECORDED AS 2893.6 MCF/D WITH 196.80 BO/D, AND A RESULTING GOR OF 14703 SCF GAS/BO. THE SAMPLE TAKEN DURING TEST YIELDED COMPONENT PERCENTAGES AS FOLLOWS:

CARBON DIOXIDE	0.75
NITROGEN	0.31
OXYGEN	0.00
HYDROGEN SULFIDE	0.00
METHANE	78.56
ETHANE	13.93
PROPANE	4.88
ISO BUTANE	0.50
NORMAL BUTANE	0.76
ISO PENTANE	0.17
NORMAL PENTANE	0.14
HEXANE	Tr
PLUS	

TOTAL 100.00

CALCULATED SP. G. 0.7015

VERY TRULY YOURS

COLEMAN PETROLEUM ENG. CO.

Joe A. Coleman
JOE A. COLEMAN