



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE EXPRESS 3-3813

611 GRIMES

P. O. BOX 1829

HOBBS, NEW MEXICO

JULY 18, 1969

SABINE EXPLORATION CORPORATION
HOUSTON, TEXAS

RE: SOUTHEAST LEA UNIT, No. 2
WOLF CAMP GAS
4-POINT BACK PRESSURE TEST
AND GAS SAMPLE AND ANALYSIS

GENTLEMEN:

IN COMPLIANCE WITH YOUR INSTRUCTIONS, A 4-POINT BACK PRESSURE TEST WAS CONDUCTED AND A SAMPLE TAKEN DURING THE FLOW TEST. THE ABSOLUTE OPEN FLOW POTENTIAL WAS CALCULATED TO BE 384 MCF/D. THE AVERAGE GAS PRODUCTION WAS RECORDED AS 96.075 MCF/D WITH 7.94 BO/D AND A GOR OF 12100. THE SAMPLE TAKEN YIELDED COMPONENT PERCENTAGES AS FOLLOWS:

CARBON DIOXIDE	0.66
NITROGEN	0.40
OXYGEN	0.00
HYDROGEN SULFIDE	0.00
METHANE	61.99
ETHANE	17.93
PROPANE	10.88
ISO-BUTANE	1.74
NORMAL BUTANE	3.74
ISO-PENTANE	0.89
NORMAL PENTANE	0.88
HEXANES PLUS	0.89
TOTAL	100.00
CALCULATED SP. G.	0.8908
CALCULATED BTU SAT DRY	1513
CALCULATED BTU SAT WET	1486

VERY TRULY YOURS

COLEMAN PETROLEUM ENG. CO.

Joe A. Coleman
JOE A. COLEMAN