

JOHNSTON

Southwestern Energy

COMPUTERIZED DATA ANALYSIS

APRIL 6, 1977

GENTLEMEN:

DUE TO THE COMMUNICATION PROBLEM WHICH OCCURRED DURING THE FINAL SHUT-IN, NO ANALYSIS COULD BE MADE OF THIS TEST. EXTRAPOLATION OF THE INITIAL SHUT-IN PRESSURE BUILD-UP INDICATES A MAXIMUM RESERVOIR PRESSURE OF 4630 P.S.I.G. AT RECORDER DEPTH. BY THE SHAPE OF THE INITIAL SHUT-IN BUILD-UP CURVE THIS RESERVOIR APPEARS TO BE SUBJECT OF HIGH SKIN DAMAGE. REMOVAL OF THIS DAMAGE SHOULD IMPROVE THE 270 MCF/DAY RATE OBSERVED DURING THE TEST.

Kent Arceneaux
KENT ARCENEUX
RESERVOIR EVALUATION
DEPARTMENT

LARIO OIL & GAS COMPANY
STATE "F" #1; EDDY COUNTY, NEW MEXICO
TEST #1; 9153' TO 9185'
LOCATION: SEC.31-T21S-R26E

FIELD REPORT #15162 C

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for