

**Schlumberger****COMPUTERIZED DATA ANALYSIS**

JANUARY 22, 1980

GENTLEMEN:

THE ENCLOSED TEST APPEARS TO BE A GOOD MECHANICAL DRILL STEM TEST DURING WHICH THE TOOLS DID FUNCTION PROPERLY. THE FORMATION PRODUCED ENOUGH RESERVOIR FLUID FOR PROPER IDENTIFICATION. RESERVOIR PRESSURE DRAWDOWN WAS SUFFICIENT BUT ADEQUATE SHUT-IN BUILD-UPS DID NOT OCCUR FOR RELIABLE QUANTITATIVE ANALYSIS. AFTERFLOW WAS STILL IN EFFECT ON THE INITIAL AND FINAL SHUT-IN BUILD-UPS TO THE EXTENT THAT THE PLOTS ARE CONSIDERED UNRELIABLE FOR ANALYSIS.

THE CONTOUR OF THE SHUT-IN BUILD-UP CURVES INDICATE THAT THE WELL IS UNDER THE INFLUENCE OF MULTIPLE LAYERS OR A NATURAL FRACTURE SYSTEM. LOGS SHOULD BE CONSULTED TO VERIFY THIS. A SKIN DAMAGE OR A PSEUDO DAMAGE CAN ALSO BE NOTED BY THE ABRUPT RISE IN PRESSURE IMMEDIATELY AFTER THE TOOL IS SHUT-IN FOR EACH SHUT-IN. A FLOW RATE BASED ON THE GRADIENT OF THE RECOVERED FLUID WAS ESTIMATED TO BE 700 BOPD WITH A 546 SCF/STB GOR AND AN APT GRAVITY OF 51° @ 60°F.

*Dennis Myren*  
DENNIS MYREN  
RESERVOIR EVALUATION  
DEPARTMENT

ENSERCH EXPLORATION, INC.  
LAMBIRTH #9; ROOSEVELT COUNTY, NEW MEXICO  
TEST #1; 7804' TO 7830'  
LOCATION: 560' FSL, 560' FEL, SEC. 25 - T5S - 32E

FIELD REPORT # 19632 D

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 any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation.