

EL PASO NATURAL GAS COMPANY

P. O. Box 997
 Farmington, New Mexico

OK'd

April 3, 1958

Mr. E. C. Arnold
 Oil Conservation Commission
 1000 Rio Brazos Road
 Aztec, New Mexico

Re: Packer Leakage Test on the El Paso Natural Gas Company Well, Schwerdtfeger No. 11-A (PM), 1710N, 1001E, 6-27-8, San Juan County, New Mexico.

Dear Mr. Arnold:

The subject well was dually completed in the Pictured Cliffs and Mesa Verde zones and a packer was set at 4740 feet. The Mesa Verde zone was tested through a 3/4" choke for three hours March 10, 1958 with the following data obtained:

PC SIPC 807 psig; shut-in 24 days
 MV SIPT 1024 psig; shut-in 24 days

<u>Time</u> <u>Minutes</u>	<u>MV Flowing Pressure</u> <u>Tubing Psig</u>	<u>PC SIPC</u> <u>Psig</u>	<u>MV Working</u> <u>Pressure, Psig</u>	<u>Temp</u> <u>° F</u>
15	435	808		51
30	403	809		53
45	383	809		55
60	372	809		59
120	343	809		62
180	328	809	(Calc) 653	63

The choke volume for the Mesa Verde was 4022 MCF/D with an AOF of 5989 MCF/D.

The Pictured Cliffs zone was tested April 1, 1958 with a 3/4" choke for 3 hours with the following data obtained:

PC SIPC 818 psig; shut-in 45 days
 MV SIPT 1023 psig; shut-in 21 days

