

EL PASO NATURAL GAS COMPANY

P. O. Box 997  
Farmington, N.M.

July 11, 1956

Mr. E. C. Arnold  
Oil Conservation Commission  
Aztec, New Mexico

Re: Packer Leakage Test on the EPNG Well,  
Ludwick # 7. Sec. 31-30N-10W, San Juan County, N.M.

Dear Mr. Arnold:

This well was dually completed in the Pictured Cliff and Mesa Verde zones. A production packer is set at 2493'. This well was tested July 5, 1956 with the following results:

SIPC - 657 Pictured Cliff Section  
SIPT - 1047 Mesa Verde Section

The casing was opened through a 3/4" choke at 11:45 A.M. and was left open for three hours.

<u>Time</u>	<u>Casing Choke Pressure, Psig</u>	<u>Temp. °F</u>	<u>Tubing Pres. Psig</u>	<u>Choke Vol. MCF/D</u>
11:45	645	61	1035	
12:00	412	62	1036	
12:15	366	64	1036	
12:30	336	66	1037	
12:45	317	67	1038	
2:45	252	77		3,565

At 12:45 P.M. the tubing was opened through a 3/4" choke and was left open for three hours.

<u>Time</u>	<u>Tubing Choke Pressure, Psig</u>	<u>Temp. °F</u>	<u>Casing Pres. Psig</u>	<u>Choke Vol. MCF/D</u>
12:45	1038	66	317	
2:45	361	74	252	
3:00	358	81	435	
3:15	351	80	495	
3:30	344	80	537	
3:45	338	79	548	4,715



The tubing was shut-in at 3:45 P.M.

Very truly yours,

T. B. Grant  
T. B. Grant  
Gas Engineer

TBG/jla

cc: Oil Conservation Commission, Santa Fe, N.M.

D. H. Tucker  
R. W. Harris  
W. T. Hollis  
W. M. Rodgers  
Wayne Cheek  
Drilling Department  
B. D. Adams  
Roland Hamblin  
Jack Purvis  
W. V. Holik  
C. C. Kennedy  
E. J. Coel, Jr.  
A. J. Dudenhoeffer  
D. V. Rittman  
Bill Parrish  
File