

EL PASO NATURAL GAS COMPANY

September 16, 1952

Case 410

Box 1384

Jal, New Mexico

Mr. R. R. Spurrier
Secretary and Director,
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Sir:

Application is hereby made by El Paso Natural Gas Company for a public hearing before the Commission on October 15, 1952, for permission to drill a well for the storage of Liquefied Petroleum Gas. The well will be known as the El Paso Natural Gas Company, State - LPG Storage Well No. 1, located 780 feet from the West line and 450 feet from the South line of Section 32, Twp. 23S, Rge. 37E, NMPM, Lea County, New Mexico. We propose to drill the well with rotary drilling equipment to a total depth of approximately 2700 feet in the Salado Formation, creating a cavity in the salt section, or Salado Formation, the capacity to be approximately 50,000 barrels. The size of the cavity will be calculated from the volume of water injected and the salt concentration of the return stream.

We propose to use the following strings of casing and to cement them as indicated:

<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Weight per Foot</u>	<u>Depth</u>	<u>Sacks Cement</u>
12 1/4	9 5/8	36 (New)	250	Circulate
8 3/4	7	23 (New)	1400	Circulate

Three and one half inch ($3\frac{1}{2}$ ") O. D. 9.3# per foot tubing will be installed to the total depth of the well.

Exhibits will be introduced showing (1) locations of producing wells in the immediate vicinity of the proposed well, location of the proposed well, locations of restricted drilling sites in the immediate area, and (2) a diagrammatic sketch of the completed storage well.

Yours very truly,

EL PASO NATURAL GAS COMPANY

Warren L. Taylor
Warren L. Taylor
Division Geologist

WLF:ds

