

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION  
1000 Rio Brazos Road  
Aztec, New Mexico 87410  
April 18, 1968

El Paso Natural Gas Company  
P.O. Box 990  
Farmington, New Mexico

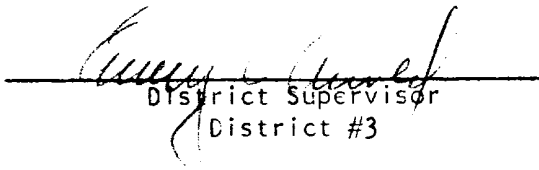
Attention: Mr. Carl E. Matthews

SUBJECT: NON-STANDARD GAS PRORATION UNIT CONSISTING OF 145.47 ACRES  
IN THE Aztec Pictured Cliffs GAS POOL DESCRIBED AS  
FOLLOWS:

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM

SECTION: 3 Northeast quarter

By authority granted me by Rule 5(B) of Order No. R-1670, as amended, the  
above-described acreage has been approved as a non-standard gas proration  
unit to be dedicated to the Martin  
Well No. 3-Y, located 990' from N. line & 990' from E. line of said  
Section 3.

  
District Supervisor  
District #3

cc: Oil Conservation Commission  
Santa Fe, New Mexico

1. Introduction

The purpose of this study is to investigate the effects of the proposed system on the performance of the system. The study is divided into two main parts: a theoretical analysis and an experimental evaluation.

The theoretical analysis is based on the assumption that the system is a linear system. The system is represented by a transfer function, and the input and output signals are assumed to be sinusoidal. The system is analyzed in the frequency domain, and the magnitude and phase responses are calculated. The experimental evaluation is based on the assumption that the system is a nonlinear system. The system is represented by a nonlinear model, and the input and output signals are assumed to be sinusoidal. The system is analyzed in the time domain, and the magnitude and phase responses are calculated.

The results of the theoretical analysis and experimental evaluation are compared, and the effects of the proposed system on the performance of the system are discussed. The results show that the proposed system has a significant effect on the performance of the system, and the effects are more pronounced at higher frequencies. The results also show that the proposed system has a significant effect on the phase response of the system, and the effects are more pronounced at higher frequencies.

2. Theoretical Analysis

The system is represented by a transfer function, and the input and output signals are assumed to be sinusoidal. The system is analyzed in the frequency domain, and the magnitude and phase responses are calculated.

# B. & R. SERVICE, INC.

## TEMPERATURE SURVEY

COMPANY EL PASO NATURAL GAS CO.

WELL #3 Y FIELD MARTIN

COUNTY SAN JUAN STATE NEW MEXICO

SEC A-3 TWP. 24N

APPROX. TOP CEMENT 810'



Survey Begins at 500 Ft. Ends at 2127 Ft.

Approx. Fill-Up                      Max. Temp. 120° @ 2127'

Log Measured From G.L. Run No. # 1

Casing Size	Casing Depth	Diam of Hole	Depth
<u>2 7/8</u> from	to	from <u>6 3/4</u>	to
from	to	from	to

Date of Cementing MAY 11-1968 Time 5:00A.M.

Date of Survey MAY 11-1968 Time 2:00 P.M.

Amount of Cement 200 Sks. Type CLASS "C"

Amount of Admix                      Type                     

Recorded by DUDLEY Witnessed by                     

### REMARKS OR OTHER DATA

### TEMPERATURE IN DEGREES FAHRENHEIT

