

El Paso Natural Gas Company

El Paso, Texas 79999

March 16, 1967



Mr. Emory C. Arnold
Supervisor, District III
New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87401

D-31-26N-9W

Dear Mr. Arnold:

We are enclosing a copy of an acreage plat showing the lands dedicated to the Huerfano Unit #166 Well. This non-standard unit is due to a variation of the United States Public Lands Survey.

Yours very truly,

A handwritten signature in cursive script, appearing to read "Harry Gevertz".

Harry Gevertz
Supervising Landman
Land Department

HG:AJM:pr

NM 6052

Introduction

1.1

The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

It is well known that this function is the arctangent function, i.e. $f(x) = \arctan x$. The main result of this section is the following theorem:

Theorem 1.1

Let $f(x)$ be the function defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

$$f(x) = \arctan x$$

This non-standard Dakota unit is due to a variation of the United States Public Land Survey and is being filed in accordance with Order 3160 dated December 22, 1966.

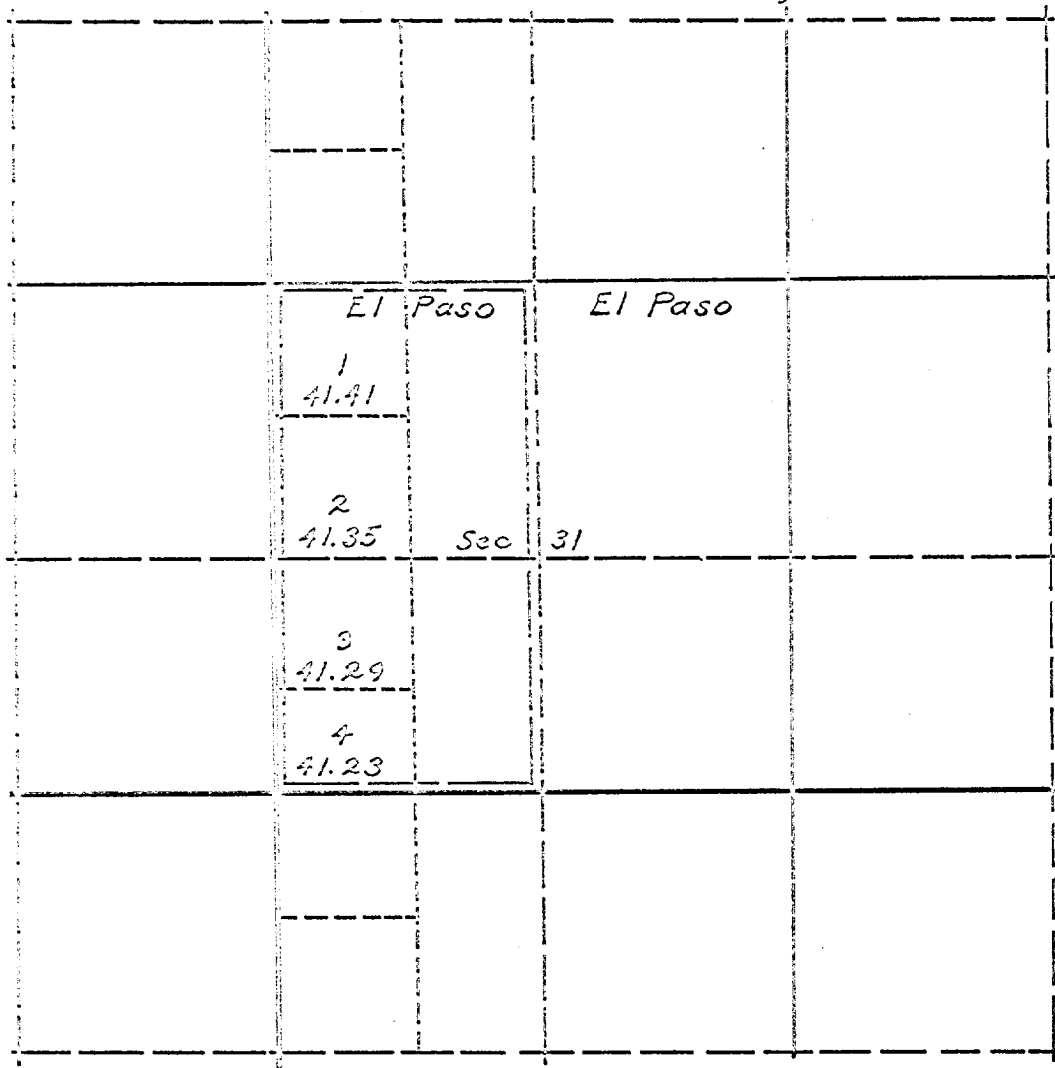
W/2 of Section 31 Township 26 North Range 9 West

Range 10 West

Range 9 West

Township 26 North

Township 25 North



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325.28 Acre Non-Standard
Gas Unit

Huerfano Unit #166
Dakota Formation

